



**Environmental
Protection Agency**

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

April 6, 2012

Re: Athens County
Cool Spot Convenience Store
NPDES Permit 0PR00127*CD
Compliance Evaluation Inspection
Correspondence (PWW)

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

Dear Mr. White:

On March 22, 2012, Jennifer Witte and I conducted a compliance evaluation inspection of the Cool Spot Convenience Store sewage treatment plant. The purpose of the inspection was to evaluate the facility's status of compliance with NPDES permit number 0PR00127*CD. Wastewater samples were not taken. A copy of the inspection report form is attached.

1. **Ohio Administrative Code Chapter 3745-33-03 - NPDES Permit Status:** Any permittee who wishes to continue to discharge after the expiration date of his Ohio NPDES permit must file for reissuance of the permit at least one hundred eighty days prior to its expiration.

The NPDES permit is expired. An application for renewal has been received. The expired NPDES permit is effective until the permit is renewed.

2. **NPDES Permit Part I, A – Effluent Limitations:** A review of your self-monitoring reports covering the months of June 2010, when the last inspection occurred, through January 2012 indicates violations of the effluent limitations contained in your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2010					
001	Fecal Coliform	30D Conc	1000	7000	7/1/2010
001	Fecal Coliform	1D Conc	2000	7000	7/7/2010
October 2010					
001	Total Suspended Solids	30D Conc	12	16	10/1/2010
001	Nitrogen, Ammonia	30D Conc	1.0	6.35	10/1/2010
001	Nitrogen, Ammonia	30D Qty	0.013	0.02031	10/1/2010
001	CBOD 5 day	30D Conc	10	24	10/1/2010

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia	1D Conc	1.5	6.35	10/13/2010
001	Nitrogen, Ammonia	1D Qty	0.020	0.02031	10/13/2010
001	CBOD 5 day	1D Conc	15	24	10/13/2010
February 2011					
001	Total Suspended Solids	30D Conc	12	21	2/1/2011
001	CBOD 5 day	30D Conc	10	17	2/1/2011
001	Total Suspended Solids	1D Conc	18	21	2/9/2011
001	CBOD 5 day	1D Conc	15	17	2/9/2011
March 2011					
001	Total Suspended Solids	30D Conc	12	20	3/1/2011
001	Total Suspended Solids	1D Conc	18	20	3/9/2011
June 2011					
001	Nitrogen, Ammonia	30D Conc	1.0	1.39	6/1/2011
July 2011					
001	Fecal Coliform	30D Conc	1000	7000	7/1/2011
001	Fecal Coliform	1D Conc	2000	7000	7/13/2011
November 2011					
001	Total Suspended Solids	30D Conc	12	24	11/1/2011
001	Total Suspended Solids	1D Conc	18	24	11/9/2011
January 2012					
001	Nitrogen, Ammonia	30D Conc	3.0	4.47	1/1/2012
February 2012					
001	Total Suspended Solids	30D Conc	12	17	2/1/2012

Submit a compliance plan for achieving compliance with the effluent limitations. Ohio EPA's recommendation for this plan is listed below, regarding hiring an operator. The compliance plan shall include monthly updates from the class 2 operator.

3. **NPDES Permit Part III, Item 3 - Plant Operation and Maintenance:** The permittee is required to maintain in good working order and operate as efficiently as possible the "treatment works" and "sewerage system" as defined in ORC 6111.01 to achieve compliance with the terms and conditions of this permit and to prevent discharges to the waters of the state, surface of the ground, etc.

The mixed liquor in the aeration tank is very weak, and an unusual color, indicative of poor treatment. One sand filter was in operation, and was plugged but draining very slowly. The other sand filter was cleaned off and ready to use. The effluent looked clear. The operator must continue to resolve the operational issues to get this sewage treatment plant operating properly.

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 non-compliance. Ohio EPA recommends you work aggressively to

encourage the Village of Coolville to complete their plans to provide central sewers to which you can connect, as the long term solution to the problem of non-compliance. Since that solution is several years away, Ohio EPA recommends that you hire a class 2 wastewater operator to spend 1 month at least 2 hours a day to evaluate the plant and provide you with a compliance plan to operate the plant to the best of its ability until the public sewers are available. Once the compliance plan is reviewed and approved by Ohio EPA, the class 2 operator shall spend the next 6 months operating the plant for 2 hours a week. If the plant attains compliance, after 6 months the operator can reduce his time to 2 hours once a month, until the facility is connected to Coolville. A list of operators is attached. Provide us with the name of the operator that you have hired within 30 days of receipt of this report.

4. **Ohio Administrative Code Chapter 3745-7-04 – Operator of Record Requirements:** All treatment works, sewerage systems, or wastewater treatment facilities within a treatment works shall be classified as a class A, I, II, III, or IV treatment works or class I or II sewerage systems and shall provide the minimum staffing required for that classification of wastewater treatment facility. Industrial wastewater treatment plants shall be classified in accordance with paragraph 3745-7-4(B)(3)(c).

You are on our list of certified class A wastewater operators, however, you have not submitted an operator of record form, notifying the agency that you are the operator of your facility. A copy of the form is attached. Please complete it and submit it within 30 days of receipt of this report. Provide a copy to me at Ohio EPA's Southeast District Office.

Please respond, in writing, within 30 days of receipt of this report, to the issue identified above. If you have any questions, please contact me at (740) 380-5284 at your convenience.

Sincerely,



Abbot Stevenson
Environmental Engineer
Division of Surface Water

AS/dh

Enclosure

c: Victor Reverendo, Ohio EPA, CO, DSW
c: Rick Smith, Ohio EPA, CO, DSW

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPR00127*CD	OH0124621	March 22, 2012	C	S	1 (semi-public)

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Coolspot Convenience Store P.O. Box 502 Coolville, Ohio 45723	11:00 a.m.	July 1, 2007
	Exit Time	Permit Expiration Date
	12:00 p.m.	June 30, 2012

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Bryan White, Owner	
Name, Address, & Title of Responsible Official	Phone Number
Bryan White, Owner Coolspot Convenience Store P.O. Box 502 Coolville, Ohio 45723	(740) 667-6100

C. AREAS EVALUATED DURING INSPECTION

<u> S </u> Permit	<u> S </u> Flow Measurement	<u> N/A </u> Pretreatment
<u> S </u> Records/Reports	<u> S </u> Laboratory	<u> N/A </u> Compliance Schedules
<u> U </u> Operations & Maintenance	<u> S </u> Effluent/Receiving Waters	<u> S </u> Self-Monitoring Program
<u> S </u> Facility Site Review	<u> U </u> Sludge Storage/Disposal	<u> </u> Other
<u> S </u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

1. Operation/Maintenance: Plant not functioning properly. Sand filter not draining properly. See attached letter.
2. Sludge: Sludge ends up on the sand filters instead of being "wasted" and disposed of properly.



 Abbot Stevenson, Inspector, Ohio EPA, Southeast District Office

4/6/12

 Date



 Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office

4/6/12

 Date