



Environmental  
Protection Agency

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

FILE COPY

May 23, 2011

Gary Hopkins, Plant Manager  
4250 Morse Road  
Columbus, Ohio 43230

**Re: Hap Cremean WTP  
NPDES Permit 4IW00031/ OH0030716  
Reconnaissance Inspection  
Franklin County**

Dear Mr. Hopkins:

On May 5, 2011, a Reconnaissance Inspection was conducted at the Hap Cremean WTP. Present for the inspection were Mike Colley and Mark Smith representing the treatment plant 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.

**Findings:**

1. The facility currently has one operational lagoon. This lagoon, called Lagoon 2, has recently been redesigned into three cells in which the majority of the lime sludge settles in the first cell and the final two cells polish the effluent. Each cell's flow to the subsequent cell is controlled by boards.

A second lagoon, called Lagoon 1, is in the process of being redesigned like Lagoon 2. The cells have been constructed but the facility must wait until drier weather in order to do the last construction steps. Once the construction is complete, either Outfall 001 or Outfall 002 could likely be removed from the permit

The final lagoon, called Lagoon 3, is not operational and is likely to be eliminated after the construction of Lagoon 1 is completed. After this lagoon is eliminated, Outfall 006 could be removed from the permit.

The application to renew the permit must be submitted by October 1, 2011. **Please make special note within the application if outfalls should be eliminated from the permit.**

2. The facility has experienced some permit effluent violations since January 2011 (see attached). Columbus has provided an adequate response for each limit violation, **but please check your records for the frequency violations and resubmit the e-DMR if possible.**

Attached is the Reconnaissance Inspection Report. There are no items which require a response. If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846 or e-mail at [cole.miller@epa.ohio.gov](mailto:cole.miller@epa.ohio.gov).

Sincerely



Cole Miller  
Environmental Specialist  
Field Operations Unit  
Division of Surface Water  
Central District Office

Enclosure

CM/nsm 5-5-11 Hap Cremean WTP Recon

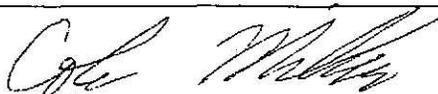
NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4IW00031	OH0030716	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	SNC List
5/5/2011	9:00 AM	9:45 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Columbus Hap Cremean WTP 4250 Morse Road Columbus, Ohio 43230	4/1/2007
	Permit Expiration Date
	3/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mike Colley, Plant Operator Mark Smith, Plant Operator	
Name and Title of Responsible Official	Phone Number
Gary Hopkins, Plant Manager 4250 Morse Road Columbus, Ohio 43230	(614) 645-3194

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	Compliance	
S	Operations & Maintenance	
S	Facility Site Review	
N	Collection System	
S	Flow Measurement	
S	Receiving Waters	
N	Laboratory	
S	Self-Monitoring Program	

Comments: The facility is working to modify their lime sludge settling lagoons. The work should result in the elimination of two outfall locations.

Signatures			
	5/23/11		5/11/11
Cole Miller, 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

## Compliance Data for Hap Cremean WTP between 1/1/2006 to 4/1/2011

### Summary

Permit Effluent Limit Violations: 4

Permit Effluent Code Violations: 12

Permit Effluent Frequency Violations: 45

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
Oct 2007	004	Total Suspended Solids	30D Conc	30	39.	10/1/2007
November 2007	006	Total Suspended Solids	30D Conc	30	30.5	11/1/2007
November 2007	006	Total Suspended Solids	1D Conc	45	51.	11/9/2007
October 2008	006	Total Suspended Solids	30D Conc	30	37.315	10/1/2008

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
March 2008	004	Flow Rate	AF	3/4/2008
March 2008	004	Flow Rate	AF	3/5/2008
March 2008	004	Flow Rate	AF	3/14/2008
March 2008	004	Flow Rate	AF	3/16/2008
June 2008	004	Flow Rate	AF	6/5/2008
November 2008	006	Flow Rate	AF	11/23/2008
November 2008	006	Flow Rate	AF	11/28/2008
November 2008	006	Flow Rate	AF	11/29/2008
November 2008	006	Flow Rate	AF	11/30/2008
February 2009	004	Flow Rate	AF	2/20/2009
February 2009	004	Flow Rate	AF	2/25/2009
May 2009	004	Flow Rate	AF	5/2/2009

Frequency Violations

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2008	006	Flow Rate	1/Day	1	0	01/18/2008
January 2008	006	Flow Rate	1/Day	1	0	01/19/2008
January 2008	006	Flow Rate	1/Day	1	0	01/20/2008
January 2008	004	Flow Rate	1/Day	1	0	01/25/2008
January 2008	006	Flow Rate	1/Day	1	0	01/26/2008
January 2008	006	Flow Rate	1/Day	1	0	01/27/2008
January 2008	006	Flow Rate	1/Day	1	0	01/28/2008
September 2008	004	Trihalomethane, Total	1/Year	1	0	09/01/2008
September 2008	006	Trihalomethane, Total	1/Year	1	0	09/01/2008
November 2007	004	Total Suspended Solids	1/2Weeks	1	0	11/01/2007
November 2007	004	Flow Rate	1/Day	1	0	11/01/2007
November 2007	004	pH	1/2Weeks	1	0	11/01/2007
November 2007	004	Flow Rate	1/Day	1	0	11/02/2007
November 2007	006	Flow Rate	1/Day	1	0	11/02/2007
November 2007	004	Flow Rate	1/Day	1	0	11/03/2007
November 2007	006	Flow Rate	1/Day	1	0	11/03/2007
November 2007	004	Flow Rate	1/Day	1	0	11/04/2007
November 2007	006	Flow Rate	1/Day	1	0	11/04/2007
November 2007	004	Flow Rate	1/Day	1	0	11/05/2007
November 2007	006	Flow Rate	1/Day	1	0	11/05/2007
November 2007	004	Flow Rate	1/Day	1	0	11/06/2007
November 2007	004	Flow Rate	1/Day	1	0	11/07/2007
November 2007	004	Flow Rate	1/Day	1	0	11/08/2007
November 2007	004	Flow Rate	1/Day	1	0	11/09/2007
November 2007	004	Flow Rate	1/Day	1	0	11/10/2007
November 2007	004	Flow Rate	1/Day	1	0	11/11/2007
November 2007	006	Flow Rate	1/Day	1	0	11/11/2007
November 2007	004	Flow Rate	1/Day	1	0	11/12/2007
November 2007	004	Flow Rate	1/Day	1	0	11/13/2007

November 2007	004	Flow Rate	1/Day	1	0	11/14/2007
November 2007	006	Flow Rate	1/Day	1	0	11/14/2007
November 2007	004	Flow Rate	1/Day	1	0	11/15/2007
November 2007	004	Flow Rate	1/Day	1	0	11/16/2007
November 2007	004	Flow Rate	1/Day	1	0	11/17/2007
November 2007	004	Flow Rate	1/Day	1	0	11/18/2007
November 2007	004	Flow Rate	1/Day	1	0	11/19/2007
November 2007	004	Flow Rate	1/Day	1	0	11/20/2007
November 2007	004	Flow Rate	1/Day	1	0	11/21/2007
November 2007	006	Flow Rate	1/Day	1	0	11/21/2007
November 2007	004	Flow Rate	1/Day	1	0	11/22/2007
November 2007	006	Flow Rate	1/Day	1	0	11/22/2007
November 2007	004	Flow Rate	1/Day	1	0	11/23/2007
November 2007	006	Flow Rate	1/Day	1	0	11/23/2007
November 2007	004	Flow Rate	1/Day	1	0	11/24/2007
November 2007	004	Flow Rate	1/Day	1	0	11/25/2007