Borski, Jennifer - DNR

From: Brian Wayner [Brian.Wayner@omnni.com]
Sent: Monday, January 14, 2008 12:53 PM
To: Chris Stempa
Cc: Borski, Jennifer - DNR
Subject: Mauthe Compliance Report
Attachments: 011408 Process Compliance.doc

Chris,

I am sending out the compliance report in the mail today for the Mauthe site (permit # 06-21). The attachment is the text of the report. The mailed copy of the report will include the laboratory data. After you have had a chance to review the report, please let me know if you would like any format changes. I would like to have this report setup so that it is easy for you to review, which will also give me a standard template to work with.

Thank you,

Brian Wayner
OMNNI Associates, Inc.

January 14, 2008

Mr. Chris Stempa
Deputy Director of Utilities
Appleton Wastewater Treatment Facility
2006 East Newberry Street
Appleton, WI 54915-2758

RE: N.W. Mauthe Superfund Site - Appleton, Wisconsin
Compliance Report, Industrial User (Wastewater Discharge) Permit # 06-21

Dear Mr. Stempa:

OMNNI Associates, Inc. is pleased to submit the (partial)[1] semi-annual process compliance report for the N.W. Mauthe site, 725 Outagamie Street, Appleton, Wisconsin. This report is submitted in accordance with the City of Appleton Industrial User Permit No. 06-21, issued on May 26, 2006.

The flow monitoring and sampling activities were conducted at the effluent discharge point, prior to Outfall 001. Samples were collected by closing the discharge valve the day prior to sampling to allow water to collect in the equalization tank. Approximately 24 hours later, the discharge valve was reopened and the composite sample was collected.

From the sample collected, a new, laboratory provided, plastic 250 ml sample container was filled. This unfiltered, unpreserved sample was analyzed for hexavalent chromium by Pace Analytical Services laboratory. (See laboratory chains of custody and laboratory reports, Attached.)

If the monthly total chromium sample was prepared during the sampling event, water from the collected discharge sample was filtered and then poured into a new, laboratory provided, plastic 250 ml sample container. The sampling container contained nitric acid as a preservative. The sample was analyzed for total chromium by Pace Analytical Services laboratory.

After the laboratory samples were prepared, pH was measured with a Hach pH Pocket Pal Tester from the remaining collected discharge sample.

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[1] This report only documents the results from October through December, since the previous operations and maintenance contractor for the Wisconsin Department of Natural Resources, Midwest Contract Operations, Inc., provided the information monthly through October, 2007.

The table below summarizes the total metered discharge readings, pH measurements, and laboratory analysis. Monthly discharge totals were calculated by linear interpolation of the actual meter readings.

Date Actual	Date For Linear Interpolation	Metered Discharge Reading	Gallons Discharged Between Meter Reading	pH	Hexavalent Chromium (mg/L)	Total Chromium (mg/L)	Monthly Discharge (gallons)
09/25/07		8,290,363					
	10/01/07	*8,300,673*					
10/01/07		8,301,251	10,888				
10/02/07		8,301,251	0	7.7			
10/15/07		8,324,675	23,424				
10/16/07		8,324,675	0	7.4	1.700		
10/22/07		8,355,957	31,282				
10/23/07		8,355,957	0	7.5	1.500		
10/29/07		8,370,413	14,456				October
10/30/07		8,370,413	0	7.4	1.900		71,903
	11/01/07	*8,372,575*					
11/05/07		8,377,912	7,499				
11/06/07		8,377,912	0	8.3	1.900	1.300	November
11/16/07		8,386,583	8,671				21,587
	12/01/07	*8,394,162*					
12/03/07		8,395,372	8,789				
12/04/07		8,395,372	0	8.6	3.100	2.500	
12/12/07		8,399,522	4,150				December
12/21/07		8,402,508	2,986				25,977
	01/01/08	*8,420,139*					
01/01/08		8,420,868	18,360				

Italicized metered discharge reading was calculated by linear interpolation.

Industrial User (Wastewater Discharge) Permit 06-21 Outfall 001 Effluent Limitations:

pH	Hexavalent Chromium	Total Chromium
Between 5.0 - 12.4 s.u.	< 4.5 mg/L	< 7.0 mg/L

There were no exceedances during this reporting period of the Industrial User (Wastewater Discharge) Permit from Outfall 001 based on the monitoring performed.

I performed all the sample collection and monitoring[2] during the time period from October 15, 2007 through December 31, 2007.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the

[2] Brian Wayner is a professional engineer (E35304), has been trained in sample collection and preparation, has obtained his OSHA 40-Hour HAZWOPER Certification, and has completed annual refresher training.

information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions regarding the information provided, please do not hesitate to contact me.

Sincerely,
OMNNI Associates, Inc.

Brian D. Wayner, P.E.
Environmental Manager

Enclosures

cc: Ms. Jennifer Borski, Hydrogeologist/Project Manager, WDNR-Northeast Region RR, 625 E. County Road Y, Suite 700, Oshkosh, WI 54901-9731