

April 1, 2008

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

R + R - OSH
RECEIVED

APR 03 2008

TRACKED 43
REVIEWED

**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 quarterly 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 through a 0.45 µm filter 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 dissolved 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.

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.

Sincerely,
OMNNI Associates, Inc.

A handwritten signature in cursive script that reads "Brian D. Wayner".

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



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 892246

Client: OMNI ASSOCIATES, INC.

Lab Contact: Steve Mleczo

Project Name: MAUTHE

Project Number: N1866A05/003

Lab Sample Number	Field ID	Matrix	Collection Date
892246-001	OUTFALL 001	WATER	01/02/08 06:50

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Approval Signature

1/10/2008

Date

Client : OMNNI ASSOCIATES, INC.

Project Name : MAUTHE

Project Number : N1866A05/003

Field ID : OUTFALL 001

Matrix Type : WATER

Collection Date : 01/02/08

Report Date : 01/09/08

Lab Sample Number : 892246-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Chromium - Dissolved	1200	0.57	1.9		1	ug/L		01/09/08 09:33 AM	SW846 6010B	SW846 6010B
								Prep Date/Time: 01/04/08		Anl By: DLB
Chromium, Hexavalent	1300	42	140		1	ug/L		01/02/08 11:00 AM	SM 3500 Cr-B	SM 3500 Cr-B
								Prep Date/Time: 01/02/08 11:00 AM		Anl By: DDY

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

892246-001

Test Group Name

CHROMIUM - DISSOLVED B
CHROMIUM, HEXAVALENT B

Code	WI Certification
B	405132750 / DATCP: 105-444



Batch: 892246
Lab Section: METALS
QC Batch Number: 28020
Prep Method: SW846 6010B
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2363-12	MBWMTG2363-12
MB	MBDMTG2363-12	MBDMTG2363-12
LCS	LCSWMTG2363-12	LCSWMTG2363-12
LCS	LCSDMTG2363-12	LCSDMTG2363-12
MS	892262-001MS	892262-001MS
MSD	892262-001MSD	892262-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
OUTFALL 001	892246-001	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS Recovery RPD	LCS/LCS Recovery Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MS Spiked Conc	MS Recovery			MS/MSD RPD	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
Chromium - Dissolved	< 0.57	500.0	546.4	109.3		---	---	---	---	80	120	20	892262-001	< 0.57	500.0	555.5	111.1		500.0	550.2	110.0		1.0	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 1/9/2008

QC Batch Number: 28020



Batch: 892246
Lab Section: WETCHEM
QC Batch Number: 27935
Prep Method: SM 3500 Cr-B
Analytical Method: SM 3500 Cr-B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2379-013MB	WCG2379-013MB
LCS	WCG2379-013MBLCS	WCG2379-013MBLCS
MS	OUTFALL 001MS	892246-001MS
MSD	OUTFALL 001MSD	892246-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
OUTFALL 001	892246-001	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Chromium, Hexavalent	J 3.4	300.00	331.3	110.4		---	---	---	---	90	110	20	892246-001	1313.5	3750.0	5216.1	104.1		3750.0	5397.6	108.9		3.4	90	110	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 1/9/2008

QC Batch Number: 27935



Sample Condition Upon Receipt

Client Name: DMNI Assoc

Project # 892246

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used _____ Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature ROT Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 1-2-08 cf

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>CRTL6</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>cf</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 1/2/08



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 893057

Client: OMNI ASSOCIATES, INC.

Lab Contact: Steve Mleczo

Project Name: MAUTHE

Project Number: N1866A05-003

Lab Sample Number	Field ID	Matrix	Collection Date
893057-001	OUTFALL 001	WATER	02/04/08 06:55

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



[Handwritten Signature]

Approval Signature

2/15/2008

Date

Client : OMNNI ASSOCIATES, INC.

Project Name : MAUTHE

Project Number : N1866A05-003

Field ID : OUTFALL 001

Matrix Type : WATER

Collection Date : 02/04/08

Report Date : 02/15/08

Lab Sample Number : 893057-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Chromium - Dissolved	1600	6.2	21		1	ug/L	N	02/15/08 11:09 AM	EPA 3020	EPA 6020
								Prep Date/Time: 02/13/08 11:20 AM		Anl By: PCM
Chromium, Hexavalent	1700	34	110		1	ug/L		02/04/08 02:30 PM	SM 3500 Cr-B	SM 3500 Cr-B
								Prep Date/Time: 02/04/08 02:30 PM		Anl By: DEY

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

893057-001

Test Group Name

CHROMIUM - DISSOLVED	M
CHROMIUM, HEXAVALENT	B

Code	WI Certification
B	405132750 / DATCP: 105-444
M	999407970

Batch: 893057
Lab Section: WETCHEM
QC Batch Number: 28620
Prep Method: SM 3500 Cr-B
Analytical Method: SM 3500 Cr-B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2379-023MB	WCG2379-023MB
LCS	WCG2379-023MBLCS	WCG2379-023MBLCS
MS	OUTFALL 001MS	893057-001MS
MSD	OUTFALL 001MSD	893057-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
OUTFALL 001	893057-001	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MS Spiked Conc	MS Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
Chromium, Hexavalent	< 3.4	300.00	301.6	100.5		--	--	--	--	90	110	20	893057-001	1674.0	3000.0	4690.1	100.5		3000.0	4667.6	99.8		0.5	90	110	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/15/2008

QC Batch Number: 28620

(1)

Sample Condition Upon Receipt

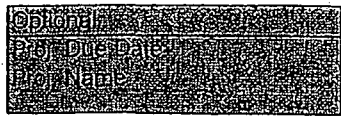


Client Name: OMNI ASSOC Project # 893057

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no



Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used _____ Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature RDT Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 2-4-08 CF

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>CRTG</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>CF</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 2/4/08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)



(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

MN: 612-607-1700 WI: 920-469-2436

7
031269

Company Name: OMNINI ASSOCIATES
 Branch/Location: APPLETON
 Project Contact: BRIAN WAYNER
 Phone: 920/830-6141
 Project Number: N1866A05/003
 Project Name: MAUTHE
 Project State: WI
 Sampled By (Print): BRIAN WAYNER
 Sampled By (Sign): *Brian D. Wayner*
 PO #:
 Regulatory Program:



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

COC No.

Quote #: MAUTHE
 Mail To Contact: BRIAN WAYNER
 Mail To Company: OMNINI ASSOCIATES
 Mail To Address: ONE SYSTEMS DRIVE
 APPLETON, WI 54914
 Invoice To Contact: BRIAN WAYNER
 Invoice To Company: OMNINI
 Invoice To Address: SAME
 Invoice To Phone: 920/830-6141
 CLIENT COMMENTS: LAB COMMENTS (Lab Use Only)
 Profile #: 2-250ml p DTA

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Filtered? (YES/NO)	Preservation (CODE)*
		DATE	TIME					
001	OUTFALL 001	2/4/08	6:55	GW	N	A		

Analyses Requested	Hexavalent Chromium		Chromium	
	Y/N	Pick Letter	Y/N	Pick Letter
HEXAVALENT CHROMIUM	N	A	Y	D
CHROMIUM				

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>Brian D. Wayner</i> Date/Time: 2/4/08 8:12	Received By: <i>D. Mulla</i> Date/Time: 2/4/08 12:50
Relinquished By: <i>D. Mulla</i> Date/Time: 2/4/08 13:40	Received By: <i>C. Pace</i> Date/Time: 2/4/08 13:40
Relinquished By:	Received By:
Relinquished By:	Received By:

PACE Project No. 893057
 Receipt Temp = *ROT* °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

March 11, 2008

Brian Wayner
Omni Associates, Inc.
One Systems Drive
Appleton, WI 549141654

RE: Project: OUTFALL 001
Pace Project No.: 401199

Dear Brian Wayner:

Enclosed are the analytical results for sample(s) received by the laboratory on March 03, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczko

steve.mleczko@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Page 1 of 8

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CERTIFICATIONS

Project: OUTFALL 001
Pace Project No.: 401199

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: OUTFALL 001
Pace Project No.: 401199

Lab ID	Sample ID	Matrix	Date Collected	Date Received
401199001	OUTFALL 001	Water	03/03/08 07:11	03/03/08 11:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: **OUTFALL 001**
Pace Project No.: **401199**

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
401199001	OUTFALL 001	EPA 7196	DEY	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: OUTFALL 001
Pace Project No.: 401199

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: March 11, 2008

General Information:

1 sample was analyzed for EPA 7196. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: OUTFALL 001
Pace Project No.: 401199

Sample: OUTFALL 001		Lab ID: 401199001	Collected: 03/03/08 07:11	Received: 03/03/08 11:30	Matrix: Water				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	2.9 mg/L		0.14	0.042	12.5		03/03/08 14:10	18540-29-9	

QUALITY CONTROL DATA

Project: OUTFALL 001
Pace Project No.: 401199

QC Batch: WETA/1027 Analysis Method: EPA 7196
QC Batch Method: EPA 7196 Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 401199001

METHOD BLANK: 1777
Associated Lab Samples: 401199001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium, Hexavalent	mg/L	<0.0034	0.011	

LABORATORY CONTROL SAMPLE: 1778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.30	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1779 1780

Parameter	Units	401199001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	2.9	3.8	3.8	6.6	6.6	100	100	90-110	.2	20	

QUALIFIERS

Project: OUTFALL 001
Pace Project No.: 401199

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay



Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

March 11, 2008

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 401199 OMNNI ASSOCIATES
Pace Project No.: 1069220

Dear Client Services:

Enclosed are the analytical results for sample(s) received by the laboratory on March 03, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Hunter

sylvia.hunter@pacelabs.com
Project Coordinator

Florida (Nelap) Certification #: E87605
Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

REPORT OF LABORATORY ANALYSIS

Page 1 of 7

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SAMPLE SUMMARY

Project: 401199 OMNI ASSOCIATES
Pace Project No.: 1069220

Lab ID	Sample ID	Matrix	Date Collected	Date Received
401199001	OUTFALL 001	Water	03/03/08 07:11	03/03/08 11:30

REPORT OF LABORATORY ANALYSIS

Page 2 of 7

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SAMPLE ANALYTE COUNT

Project: 401199 OMNII ASSOCIATES
Pace Project No.: 1069220

Lab ID	Sample ID	Method	Analysts	Analytes Reported
401199001	OUTFALL 001	EPA 6020	RJS	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 401199 OMNNI ASSOCIATES
Pace Project No.: 1069220

Sample: OUTFALL 001		Lab ID: 401199001	Collected: 03/03/08 07:11	Received: 03/03/08 11:30	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved		Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Chromium	2500	ug/L	25.0	12.5	50	03/10/08 11:50	03/10/08 13:23	7440-47-3	M0

QUALITY CONTROL DATA

Project: 401199 OMNNI ASSOCIATES
Pace Project No.: 1069220

QC Batch: MPRP/11577 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 401199001

METHOD BLANK: 451186
Associated Lab Samples: 401199001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	ND	0.50	

LABORATORY CONTROL SAMPLE: 451187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	80	78.7	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 451188 451189

Parameter	Units	401199001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.							
Chromium	ug/L	2500	80	80	2510	2590	8	108	70-130	3	20 M0

QUALIFIERS

Project: 401199 OMNNI ASSOCIATES
Pace Project No.: 1069220

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

M0 Matrix spike recovery was outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 401199 OMNI ASSOCIATES
Pace Project No.: 1069220

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
401199001	OUTFALL 001	EPA 3020	MPRP/11577	EPA 6020	ICPM/4593

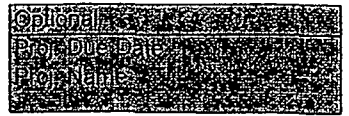


Sample Condition Upon Receipt

Client Name: Omni Associates Project # 401199

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used NA Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 201 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 3/3/08 AB

Temp should be above freezing to 6°C Comments: _____

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>no chrome</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>AB</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 3/4/08

031270

COC No.



CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name: OMNI ASSOCIATES
 Branch/Location: APPLETON
 Project Contact: BRIAN WAYNER
 Phone: 920/830-6141
 Project Number: N1866A05/003
 Project Name: MAUTHE
 Project State: WI
 Sampled By (Print): BRIAN WAYNER
 Sampled By (Sign): *Brian Wayner*
 PO #:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

FILTERED? (YES/NO)
 PRESERVATION (CODE)*

Y/N	Pick Letter	Regulatory Program	Analyses Requested															
N	A		HEXAVALENT CHROMIUM	X	X													
Y	D		CHROMIUM															

Quote #: MAUTHE
 Mail To Contact: BRIAN WAYNER
 Mail To Company: OMNI ASSOCIATES
 Mail To Address: ONE N. SYSTEMS DRIVE
 APPLETON, WI 54914
 Invoice To Contact: BRIAN WAYNER
 Invoice To Company: OMNI
 Invoice To Address: SAME
 Invoice To Phone:
 CLIENT COMMENTS: 2-250 M³/D
 LAB COMMENTS (Lab Use Only)
 Profile #

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	OUTFALL 001	3/3/08	7:11	GW

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: *Brian Wayner* Date/Time: 3/3/08 8:35
 Relinquished By: *B Kempner* Date/Time: 3/3/08 1130
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *B Kempner* Date/Time: 3/3/08 0950
 Received By: *Shirley Buisky* Date/Time: 3/3/08 1130
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. 401199
 Receipt Temp = 201 °C
 Sample Receipt pH (OK) Adjusted
 Cooler Custody Seal Present (Not Present) Intact / Not Intact