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EST.1968 OMNNI ASSOCIATES

OMNNI ASSOCIATES, INC.
ONE SYSTEMS DRIVE
APPLETON, WI 54914-1654
800-571-6677 • 920-735-6900
FAX 920-830-6100
WWW.OMNNI.COM

July 1, 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 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.

Date Actual	OUTFALL 001						
	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	pH	Hexavalent Chromium Lab Analysis (mg/L)	Total Chromium Lab Analysis (mg/L)
	04/01/08	*8,656,324*					
04/01/08		8,657,629	4,418		9.0	1.6	1.530
04/01/08		8,661,298	3,669				
04/04/08		8,682,788	21,490				
04/07/08		8,697,084	14,296				
04/08/08		8,697,084	0		9.1	0.063	
04/14/08		8,790,128	93,044				
04/15/08		8,790,128	0		9.1	0.36	
04/15/08		8,797,710	7,582				
04/16/08		8,804,525	6,815				
04/16/08		8,806,972	2,447				
04/21/08		8,826,834	19,862				
04/22/08		8,826,834	0		9.1	0.87	
04/28/08		8,860,276	33,442	April			
04/29/08		8,860,276	0	212,193	9.1	0.51	
	05/01/08	*8,868,517*					
05/05/08		8,890,994	30,718				
05/06/08		8,890,994	0		9.1	0.95	0.679
05/12/08		8,907,573	16,579				
05/13/08		8,907,573	0		9.2	0.69	
05/19/08		8,920,045	12,472				
05/20/08		8,920,045	0		9.1	0.74	
05/26/08		8,929,582	9,537	May			
05/27/08		8,929,582	0	66,866	9.0	0.60	
	06/01/08	*8,935,384*					
06/02/08		8,936,965	7,383				
06/03/08		8,936,965	0		9.3	0.90	0.824
06/09/08		8,951,078	14,113				
06/10/08		8,951,078	0		9.2	0.85	
06/11/08		8,960,258	9,180				
06/16/08		8,999,813	39,555				
06/16/08		8,999,813	0				
06/17/08		8,999,813	0		9.2	1.4	
06/18/08		9,007,718	7,905				
06/23/08		9,016,923	9,205				
06/24/08		9,016,923	0		9.3	0.20	
06/30/08		9,026,850	9,927	June			
06/30/08		9,026,850	0	91,466			
	07/01/08	*9,026,850*					
07/01/08		9,026,850	0		9.3		

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[1] during the time period from April 1, 2008 through June 30, 2008.

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 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

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

[1] 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.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

April 11, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 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

Pace Analytical®
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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

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

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SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

Lab ID	Sample ID	Matrix	Date Collected	Date Received
402140001	OUTFALL 001	Water	04/01/08 07:03	04/01/08 14:10

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
402140001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: April 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.

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

Sample: OUTFALL 001 **Lab ID: 402140001** Collected: 04/01/08 07:03 Received: 04/01/08 14:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**1.6**	mg/L	0.14	0.042	12.5		04/01/08 15:15	18540-29-9	

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

QC Batch: WETA/1222
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 402140001

METHOD BLANK: 11751
Associated Lab Samples: 402140001

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

LABORATORY CONTROL SAMPLE: 11752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.31	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 11753 11754

Parameter	Units	402140001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	1.6	3.8	3.8	5.6	5.5	106	102	90-110	2	20	

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402140

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

April 10, 2008

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

RE: Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 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

sylvia.hunter@pacelabs.com
Project Manager

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

Enclosures

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

SAMPLE SUMMARY

Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

Lab ID	Sample ID	Matrix	Date Collected	Date Received
402140001	**OUTFALL 001**	Water	04/01/08 07:03	04/01/08 14:10

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

Lab ID	Sample ID	Method	Analysts	Analytes Reported
402140001	OUTFALL 001	EPA 6020	RJS	1

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

Sample: OUTFALL 001 **Lab ID: 402140001** Collected: 04/01/08 07:03 Received: 04/01/08 14:10 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	**1530**	ug/L	12.5	6.2	25	04/07/08 13:30	04/08/08 14:55	7440-47-3	M0

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

QUALITY CONTROL DATA

Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

QC Batch: MPRP/11791
QC Batch Method: EPA 3020
Analysis Method: EPA 6020
Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 402140001

METHOD BLANK: 461446
Associated Lab Samples: 402140001

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

LABORATORY CONTROL SAMPLE: 461447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	80	86.3	108	85-115	

MATRIX SPIKE SAMPLE: 461448

Parameter	Units	08034554 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	2.8	80	79.4	96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 461482 461483

Parameter	Units	402140001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	1530	80	80	1390	1400	-170	-164	70-130	.4	20	M0

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

QUALIFIERS

Project: 402140 OMNNI ASSOCIATES
Pace Project No.: 1070809

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.

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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.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Quanni-Appleton Project # 402140

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

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 NA Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 4/1/08

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WW		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: CJ / Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 4/1/08

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)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031271

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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:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6191
Project Number:	N186A05/003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	B. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	Analyses Requested: CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A		D			
001	OUTFALL 001	4/1/08	7:03	GW			X	X		2-250ml #19	

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:	Date/Time:	Received By:	Date/Time:
B. Wayner	4/1/08 7:50	B Kemper	4/1/08 0915
B Kemper	4/1/08 1410	D. Mallen	4/1/08 14:10

PACE Project No. 402140

Receipt Temp = 1.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

April 18, 2008

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

RE: Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

Lab ID	Sample ID	Matrix	Date Collected	Date Received
402394001	OUTFALL 001	Water	04/08/08 07:10	04/08/08 11:25

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
402394001	**OUTFALL 001**	EPA 335.4	DAW	1	PASI-G
		EPA 7196	DEY	1	PASI-G
		EPA 7470	LMS	1	PASI-G

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ANALYTICAL RESULTS

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

Sample: OUTFALL 001 **Lab ID: 402394001** Collected: 04/08/08 07:10 Received: 04/08/08 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.10**	ug/L	0.33	0.10	1	04/09/08 15:58	04/10/08 11:07	7439-97-6	
335.4 Cyanide, Tot. Dissolved	Analytical Method: EPA 335.4								
Cyanide	**0.014J**	mg/L	0.020	0.0060	1		04/16/08 14:13	57-12-5	B
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.063**	mg/L	0.011	0.0034	1		04/08/08 15:45	18540-29-9	

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

QC Batch: WETA/1275
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 402394001

METHOD BLANK: 14489
Associated Lab Samples: 402394001

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

LABORATORY CONTROL SAMPLE: 14490

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.32	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 14491 14492

Parameter	Units	402394001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.063	.3	.3	0.39	0.38	110	106	90-110	3	20	

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QUALITY CONTROL DATA

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

QC Batch: MERP/1050
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 402394001

METHOD BLANK: 14733
Associated Lab Samples: 402394001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	<0.10	0.33	

LABORATORY CONTROL SAMPLE: 14734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.7	113	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 14735 14736

Parameter	Units	402406018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.20	5	5	5.6	5.5	112	110	85-115	2	20	

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QUALITY CONTROL DATA

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

QC Batch: WETA/1322
QC Batch Method: EPA 335.4
Analysis Method: EPA 335.4
Analysis Description: 335.4 Cyanide, Total
Associated Lab Samples: 402394001

METHOD BLANK: 16769
Associated Lab Samples: 402394001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Cyanide	mg/L	0.0083J	0.020	

LABORATORY CONTROL SAMPLE: 16770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16771 16772

Parameter	Units	402410001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	1.6	.1	.1	1.7	1.8	135	200	90-110	4	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16773 16774

Parameter	Units	402632001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	0.014J	.1	.1	0.0060J	0.0066J	-8	-7	90-110		20	M0

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QUALIFIERS

Project: N1866 A05-003 MAUTHE
Pace Project No.: 402394

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

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

M0 Matrix spike recovery was outside laboratory control limits.

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNNI Project # 402394

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 R01 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C **Comments:** ABV

Date and Initials of person examining contents: 4/8/08 JJ

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. 24 hrs.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐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: _____ **Date:** 4/8/08

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)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

ADV

*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:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N1866A05/0003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	Brian D Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	FILTERED? (YES/NO)	PRESERVATION (CODE)*	HEXAVALENT CHROMIUM	TOTAL CYANIDE	TOTALS: ALUMINUM	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	NICKEL	ZINC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
						Y/N	Pick Letter														
001	OUTFALL 001	4/8/08	7:10	GW		N	A	X												2-250mL	
						N	G		X											2-250mL	
						N	D			X											
						N	D				X										
						N	D					X									
						N	D								X						
						N	D										X				

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:	Date/Time:	Received By:	Date/Time:
Brian D. Wayner	4/8/08 8:12am	D. Mielke	4/8/08 8:47
D. Mielke	4/8/08 11:25		4/8/08 11:25

PACE Project No.: 402394
Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

April 15, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on April 15, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

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

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SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

Lab ID	Sample ID	Matrix	Date Collected	Date Received
402654001	**OUTFALL 001**	Water	04/15/08 06:21	04/15/08 11:55

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SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
402654001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

Method: **EPA 7196**
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: April 15, 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.

QC Batch: WETA/1315

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 402654001

M0: Matrix spike recovery was outside laboratory control limits.

- MSD (Lab ID: 16573)
  - Chromium, Hexavalent

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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

Sample: OUTFALL 001 **Lab ID: 402654001** Collected: 04/15/08 06:21 Received: 04/15/08 11:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.36**	mg/L	0.14	0.042	12.5		04/15/08 13:30	18540-29-9	M0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

QC Batch: WETA/1315
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 402654001

METHOD BLANK: 16570
Associated Lab Samples: 402654001

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

LABORATORY CONTROL SAMPLE: 16571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.32	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16572 16573

Parameter	Units	402654001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.36	3.8	3.8	4.5	4.6	110	112	90-110	2	20	M0

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(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402654

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

ANALYTE QUALIFIERS

M0 Matrix spike recovery was outside laboratory control limits.

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNI Assoc Project # 402654

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 ROI Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments: Ab ✓

Date and Initials of person examining contents: 4-15-08 CG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. & Hex Chrome
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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: _____ Date: 4/15/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031272

CHAIN OF CUSTODY

AB ✓

*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

Company Name:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N186A005/003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	Brian D. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	4/15/08	6:21	GW	N	A	X		1-250ML p A	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Brian D. Wayner	Date/Time: 4/15/08	Received By: B Kemper	Date/Time: 4/15/08 0930
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: B Kemper	Date/Time: 4/15/08 1155	Received By: Pace	Date/Time: 4-15-08 1155
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				

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

PACE Project No. 402654

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

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www.pacelabs.com

INVOICE

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: (920)469-2436

Invoice Number: 084001588
Date: 04/23/2008

Sold To:

Omnni Associates, Inc.
Omnni Associates, Inc.
One Systems Drive
Appleton, WI 54914-1654
(920) 830-6141

Please Remit To:

Pace Analytical Services, Inc.
P.O. Box 684056
Milwaukee, WI 53268-4056

Client Number/Client ID	Purchase Order No	Pace Project Mgr	Terms	Page
40-000578 / OMNNI ASSOC.		Steven Mleczko	Net 30 Days	1

Client Project: N1866A05/003 MAUTHE
Client Name: OMNNI ASSOCIATES, INC.
Pace Project No: 402943
Sample Received: 4/22/2008
Report Sent To: Brian Wayner, Omnni Associates, Inc.
Comments:

ANALYTICAL CHARGES

Quantity	Unit	Description	Method	Matrix	Price	Total
1	Ea	7196 Chromium, Hexavalent	EPA 7196	Water	$30.00	$30.00
					Analytical Subtotal	$30.00

Total Number of Charges 1 **Total Invoice Amount** **$30.00**

If you have any questions regarding this invoice, please contact Steven Mleczko at Pace.
Phone: (920)469-2436 Email: steve.mleczko@pacelabs.com

1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS.
PLEASE REFERENCE THE INVOICE NUMBER ON ALL REMITTANCE ADVICE.

AN EQUAL OPPORTUNITY EMPLOYER

Please complete and return copy of invoice with your payment.

Method of Payment: Check / VISA / MasterCard / American Express (circle one) *Phone #:*_____ *Fax #:*_____ **INVOICE TOTAL** **$30.00**

*Credit Card Holder: (print)*_____ *Email Address:*_____ Amount Paid: $_____

*Credit Card Account No:*_____ *Exp Date:*_____ *Zip Code:*_____ Check No: _____

*Signature:*_____ Customer Name: Omnni Associates, Inc. Customer No: 40-000578 Invoice No: 084001588

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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

April 23, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on April 22, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

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

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SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

Lab ID	Sample ID	Matrix	Date Collected	Date Received
402943001	**OUTFALL 001**	Water	04/22/08 07:05	04/22/08 15:45

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SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
402943001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: April 23, 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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

Sample: OUTFALL 001 **Lab ID: 402943001** Collected: 04/22/08 07:05 Received: 04/22/08 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.87**	mg/L	0.057	0.017	5		04/22/08 16:00	18540-29-9	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

QC Batch: WETA/1358
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 402943001

METHOD BLANK: 19390
Associated Lab Samples: 402943001

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

LABORATORY CONTROL SAMPLE: 19391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.29	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 19392 19393

Parameter	Units	402943001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.87	1.5	1.5	2.4	2.4	102	103	90-110	1	20	

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QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 402943

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Omni Assoc Project # 402943

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

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 20I Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 4-22-08 CJ

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.	Hex Chrome
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix: GW			
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A		
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.	
Trip Blank Present:	☐Yes ☑No ☐N/A	16.	
Trip Blank Custody Seals Present	☐Yes ☐No ☑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: _____ **Date:** 4/23/08

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)

Company Name:	OMNNI 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:

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031273

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

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	4/22/08	7:05	GW	-	A	X		1-250mlp A	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Brian Wayner	Date/Time: 4/22/08	Received By: D. Mauthe	Date/Time: 4/22/08 9:55
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: D. Mauthe	Date/Time: 4/22/08 15:45	Received By: Pace	Date/Time: 4/22/08 15:45
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				

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

PACE Project No. 402943

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

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May 01, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on April 29, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

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

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SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403190001	OUTFALL 001	Water	04/29/08 06:58	04/29/08 14:50

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SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403190001	OUTFALL 001	EPA 7196	DEY	1	PASI-G

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: May 01, 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.

QC Batch: WETA/1408

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403171001

M0: Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 21930)
  - Chromium, Hexavalent
- MSD (Lab ID: 21931)
  - Chromium, Hexavalent

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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

Sample: OUTFALL 001 **Lab ID: 403190001** Collected: 04/29/08 06:58 Received: 04/29/08 14:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.51**	mg/L	0.057	0.017	5		04/29/08 16:40	18540-29-9	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

QC Batch: WETA/1408
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 403190001

METHOD BLANK: 21928
Associated Lab Samples: 403190001

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

LABORATORY CONTROL SAMPLE: 21929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.29	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 21930 21931

Parameter	Units	403171001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	ND	.3	.3	0.22	0.24	74	81	90-110	8	20	M0

Pace Analytical Services, Inc.
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QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403190

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

ANALYTE QUALIFIERS

M0 Matrix spike recovery was outside laboratory control limits.

Sample Condition Upon Receipt

Pace Analytical

Client Name: BMWI Project # 403190

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

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

Optional: Proj. Due Date: Proj. Name:

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 20.1 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: cn 4/29/08

Temp should be above freezing to 6°C

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes	☐No ☐N/A	6. 24hr. Hex
Rush Turn Around Time Requested:	☐Yes	☑No ☐N/A	7.
Sufficient Volume:	☑Yes	☐No ☐N/A	8.
Correct Containers Used:	☑Yes	☐No ☐N/A	9.
-Pace Containers Used:	☑Yes	☐No ☐N/A	
Containers Intact:	☑Yes	☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No ☑N/A	11.
Sample Labels match COC:	☑Yes	☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W			
All containers needing preservation have been checked.	☐Yes	☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No ☐N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☐No ☑N/A	15.
Trip Blank Present:	☐Yes	☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No ☐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: _____ **Date:** 4/29/08

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)

Company Name:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N1866A05/1003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	Brian D. Wayner
PO #:	Regulatory Program:

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 031274

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

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	4/29/08	6:58	GW	N	A	X		1-250mL	

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:	Date/Time:	Received By:	Date/Time:
Brian D. Wayner	4/29/08 7:40	B Kempen	4/29/08 0915
B Kempen	4/29/08 1450	L. A	4/29/08 1450

PACE Project No. 40319

Receipt Temp = 4.01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

May 29, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403455001	**OUTFALL 001**	Water	05/06/08 06:31	05/06/08 12:20

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403455001	**OUTFALL 001**	EPA 6020	MES	1	PASI-G
		EPA 7196	DEY	1	PASI-G

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(920)469-2436

PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Method: EPA 6020
Description: 6020 MET ICPMS, Dissolved
Client: OMNNI ASSOCIATES, INC.
Date: May 29, 2008

General Information:
1 sample was analyzed for EPA 6020. 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.

Sample Preparation:
The samples were prepared in accordance with EPA 3020 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.

Internal Standards:
All internal standards were within QC limits 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:

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: May 29, 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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

Sample: OUTFALL 001 **Lab ID: 403455001** Collected: 05/06/08 06:31 Received: 05/06/08 12:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Chromium	**679**	ug/L	1.0	0.43	1	05/21/08 08:05	05/23/08 23:27	7440-47-3	
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.95**	mg/L	0.057	0.017	5		05/06/08 14:30	18540-29-9	

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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

QC Batch: WETA/1459
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 403455001

METHOD BLANK: 24744
Associated Lab Samples: 403455001

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

LABORATORY CONTROL SAMPLE: 24745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.32	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 24746 24747

Parameter	Units	403455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.95	1.5	1.5	2.6	2.5	107	105	90-110	1	20	

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

QC Batch: MPRP/1344
QC Batch Method: EPA 3020
Analysis Method: EPA 6020
Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 403455001

METHOD BLANK: 30934
Associated Lab Samples: 403455001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	<0.43	1.0	

LABORATORY CONTROL SAMPLE: 30935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	200	166	83	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 30936 30937

Parameter	Units	403455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	679	200	200	795	853	58	87	75-125	7	20	

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 403455

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Omni Assoc. Project # 4034455

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 R01 Biological Tissue is Frozen: Yes No

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

Date and Initials of person examining contents: G 5/6/08

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.	Hex 24hrs
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix:	W		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A		
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.	
Trip Blank Present:	☐Yes ☑No ☐N/A	16.	
Trip Blank Custody Seals Present	☐Yes ☐No ☐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: _____ Date: 5/6/08

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)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

COC No. 031275

*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:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N1866A05/0003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	B. D. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	Analyses Requested: CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	5/6/08	6:31	GW	N	A	X	X		2-250mL A,D	

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:	Date/Time:	Received By:	Date/Time:
B. D. Wayner	5/6/08 8:20am	B Kempen	5/6/08 0920
B Kempen	5/6/08 1220		5/6/08 1220

PACE Project No. 0403455

Receipt Temp = R07 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

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(920)469-2436

May 14, 2008

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

RE: Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on May 13, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

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

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PROJECT NARRATIVE

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: May 14, 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.

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ANALYTICAL RESULTS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

Sample: OUTFALL 001 **Lab ID: 403735001** Collected: 05/13/08 07:03 Received: 05/13/08 11:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.69**	mg/L	0.057	0.017	5		05/13/08 14:00	18540-29-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

QC Batch: WETA/1495
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 403735001

METHOD BLANK: 27672
Associated Lab Samples: 403735001

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

LABORATORY CONTROL SAMPLE: 27673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.32	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27674 27675

Parameter	Units	403735001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.69	1.5	1.5	2.2	2.2	101	102	90-110	.8	20	

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 403735

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNI ASSOC. Project # 403735

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

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 20.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: 5/13/08 AB

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. hexchrome
Rush Turn Around Time Requested: AB	☒Yes ☐No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 5/13/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031276

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

Company Name:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6491
Project Number:	N186X A05/003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	B. D Wayner
PO #:	
Regulatory Program:	

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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 DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	5/13/08	7:03	GW	N	A	X	I-250 MIA		

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:	Date/Time:	Received By:	Date/Time:
B. D Wayner	5/13/08 7:41pm	T. Mielke	5/13/08 8:25
T. Mielke	5/13/08 11:00	Ashley Bunskoke	5/13/08 1100

PACE Project No. 403735

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted N/A

Cooler Custody Seal Present / Not Present Intact / Not Intact

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www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

May 21, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on May 20, 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

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

Lab ID	Sample ID	Matrix	Date Collected	Date Received
404079001	OUTFALL 001	Water	05/20/08 06:20	05/20/08 14:45

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
404079001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

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(920)469-2436

PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: May 21, 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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

Sample: OUTFALL 001 **Lab ID: 404079001** Collected: 05/20/08 06:20 Received: 05/20/08 14:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.74**	mg/L	0.057	0.017	5		05/20/08 17:34	18540-29-9	

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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

QC Batch: WETA/1555
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 404079001

METHOD BLANK: 30909
Associated Lab Samples: 404079001

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

LABORATORY CONTROL SAMPLE: 30910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.31	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 30911 30912

Parameter	Units	404079001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.74	1.5	1.5	2.3	2.3	101	106	90-110	3	20	

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(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404079

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Omni Associates Project # 40/079

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

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 R01 Biological Tissue is Frozen: Yes No

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

Date and Initials of person examining contents: 5/20/08 AB

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. hexchrome
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 5/20/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 029588

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

Company Name:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N1866ACS/603
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	B. D. Wayner
PO #:	
Regulatory Program:	

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE. APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEX CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	5/20/08	0922	GW	N	A	X	1-250 MIA		

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:	Date/Time:	Received By:	Date/Time:
B. D. Wayner	5/20/08 0935	B Kempen	5/20/08 0920
B Kempen	5/20/08 1445	Ashley Bunkelman	5/20/08 1445

PACE Project No. 404079

Receipt Temp = RO1 °C

Sample Receipt pH OK / Adjusted NA

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

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1241 Bellevue Street
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(920)469-2436

May 27, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

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

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

Lab ID	Sample ID	Matrix	Date Collected	Date Received
404324001	OUTFALL 001	Water	05/27/08 06:25	05/27/08 10:00

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
404324001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

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PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: May 27, 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.

Pace Analytical Services, Inc.
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

Sample: OUTFALL 001 **Lab ID: 404324001** Collected: 05/27/08 06:25 Received: 05/27/08 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.60**	mg/L	0.057	0.017	5		05/27/08 16:55	18540-29-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

QC Batch: WETA/1606
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 404324001

METHOD BLANK: 33192
Associated Lab Samples: 404324001

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

LABORATORY CONTROL SAMPLE: 33193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.31	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 33194 33195

Parameter	Units	404324001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.60	1.5	1.5	2.1	2.1	100	103	90-110	2	20	

Pace Analytical Services, Inc.
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QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404324

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNI Assoc Project # 404324

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

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 ROI Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-27-08 CY

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A
Sufficient Volume:	☑Yes	☐No	☐N/A
Correct Containers Used:	☑Yes	☐No	☐N/A
-Pace Containers Used:	☑Yes	☐No	☐N/A
Containers Intact:	☑Yes	☐No	☐N/A
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A
Sample Labels match COC:	☑Yes	☐No	☐N/A
-Includes date/time/ID/Analysis Matrix: GW			
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No	
Samples checked for dechlorination:	☐Yes	☐No	☑N/A
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A
Trip Blank Present:	☐Yes	☑No	☐N/A
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A
Pace Trip Blank Lot # (if purchased): _____			

1.	
2.	
3.	
4.	
5.	
6. Hexchrome	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
Initial when completed	Lot # of added preservative
14.	
15.	
16.	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 5/27/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031278

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

Company Name:	OMNNI 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):	B. D. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A				
001	OUTFALL 001	5/27/08	6:25	GW			X		1-250ml p A	

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:	Date/Time:	Received By:	Date/Time:
B. D. Wayner	5/27/08 7:10AM	D. Mielke	5/27/08 8:40
D. Mielke	5/27/08 10:00	C. [illegible]	Pace 5/27/08 1000

PACE Project No. 404324

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

June 16, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on June 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Lab ID	Sample ID	Matrix	Date Collected	Date Received
404591001	**OUTFALL 001**	Water	06/03/08 07:45	06/03/08 14:45

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
404591001	**OUTFALL 001**	EPA 6010	DLB	1	PASI-G
		EPA 7196	DEY	1	PASI-G

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www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: OMNNI ASSOCIATES, INC.
Date: June 16, 2008

General Information:
1 sample was analyzed for EPA 6010. 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:

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Method: **EPA 7196**
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: June 16, 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.

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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

Sample: OUTFALL 001 **Lab ID: 404591001** Collected: 06/03/08 07:45 Received: 06/03/08 14:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Chromium	**824**	ug/L	5.0	0.57	1		06/11/08 16:40	7440-47-3	
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.90**	mg/L	0.057	0.017	5		06/03/08 16:15	18540-29-9	

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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

QC Batch: WETA/1673
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 404591001

METHOD BLANK: 36037
Associated Lab Samples: 404591001

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

LABORATORY CONTROL SAMPLE: 36038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.28	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36039 36040

Parameter	Units	404591001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.90	1.5	1.5	2.5	2.5	104	107	90-110	2	20	

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QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

QC Batch: ICP/1309
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 404591001

METHOD BLANK: 38776
Associated Lab Samples: 404591001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	<0.57	5.0	

LABORATORY CONTROL SAMPLE: 38777

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	500	492	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38778 38779

Parameter	Units	404761001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	<0.57	500	500	478	473	96	95	75-125	1	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street
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(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404591

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Omnni Project # 404591

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

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 NOT Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: U 6/3/08

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed U / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 6/3/08

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)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031279

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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:	OMNNI 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):	B. D. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	OMR SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	Analyses Requested: HEXAVALENT CHROMIUM	Analyses Requested: CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	PRESERVATION (CODE)*				Pick Letter	A	D			
001	OUTFALL 001	6/3/08	7:45	GW					2-250mL HDPE	

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:	Date/Time:	Received By:	Date/Time:
B. D. Wayner	6/3/08 8:29	B Kempen	6/3/08 0925
B Kempen	6/3/08 1445	A. Mathis	6/3/08 14:45

PACE Project No.: 404591

Receipt Temp = NOT °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present
Intact / Not Intact

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

June 12, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on June 10, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

Lab ID	Sample ID	Matrix	Date Collected	Date Received
404904001	OUTFALL 001	Water	06/10/08 06:17	06/10/08 11:45

Pace Analytical Services, Inc.
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(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
404904001	**OUTFALL 001**	EPA 7196	DEY	1	PASI-G

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

Sample: OUTFALL 001 **Lab ID: 404904001** Collected: 06/10/08 06:17 Received: 06/10/08 11:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.85**	mg/L	0.057	0.017	5		06/10/08 15:00	18540-29-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

QC Batch: WETA/1727
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 404904001

METHOD BLANK: 39044
Associated Lab Samples: 404904001

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

LABORATORY CONTROL SAMPLE: 39045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.32	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 39046 39047

Parameter	Units	404904001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.85	1.5	1.5	2.4	2.5	103	108	90-110	.3	20	

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QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 404904

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNNI ASSOCIATES Project # 404904

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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 R01 **Biological Tissue is Frozen:** Yes No

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

Date and Initials of person examining contents: G 6/10/08

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. Hex chrom
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: CN / Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐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: _____ **Date:** 6/10/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 031280

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

Company Name:	OMNNI 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:	

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM
001	OUTFALL 001	6/10/08	6:17	GW	N	A	X

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	1-250mL D	

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:	Date/Time:	Received By:	Date/Time:
Brian D. Wayner	6/10/08 7:16am	D. Mielke	6/10/08 8:20
D. Mielke	6/10/08 11:45		6/10/08

PACE Project No. 404904

Receipt Temp = R61 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

June 17, 2008

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

RE: Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

Lab ID	Sample ID	Matrix	Date Collected	Date Received
405215001	OUTFALL 001	Water	06/17/08 06:55	06/17/08 14:45

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
405215001	**OUTFALL 001**	EPA 7196	RRS	1	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

Sample: OUTFALL 001 **Lab ID: 405215001** Collected: 06/17/08 06:55 Received: 06/17/08 14:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**1.4**	mg/L	0.057	0.017	5		06/17/08 16:11	18540-29-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

QC Batch: WETA/1761
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 405215001

METHOD BLANK: 41592
Associated Lab Samples: 405215001

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

LABORATORY CONTROL SAMPLE: 41593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.28	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 41594 41595

Parameter	Units	405215001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	1.4	1.5	1.5	2.8	2.8	95	93	90-110	.9	20	

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: N1866A05/003 MAUTHE
Pace Project No.: 405215

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: OMNI Associates Project # 405215

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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 R01 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/17/08 AB

Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. hexchrome
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 6/17/08

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)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031281

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

Company Name:	OMNNI 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):	B. L. Wayner
PO #:	Regulatory Program:

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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 DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	6/17/08	6:55	GW	N	A	X	1-250 MIA		

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:	Date/Time:	Received By:	Date/Time:
B. L. Wayner	6/17/08 7:50 am	B Kemppen	6/17/08 0920
B Kemppen	6/17/08 1445	Shelly Buskey	6/17/08 1445

PACE Project No. 405215

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted NA

Cooler Custody Seal Present / Not Present

Intact / Not Intact

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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

June 24, 2008

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

RE: Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

Dear Brian Wayner:
Enclosed are the analytical results for sample(s) received by the laboratory on June 24, 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

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

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

Pace Analytical Services, Inc.
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(920)469-2436

SAMPLE SUMMARY

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

Lab ID	Sample ID	Matrix	Date Collected	Date Received
405500001	**OUTFALL 001**	Water	06/24/08 07:11	06/24/08 09:50

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
405500001	**OUTFALL 001**	EPA 7196	RRS	1	PASI-G

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

Method: EPA 7196
Description: 7196 Chromium, Hexavalent
Client: OMNNI ASSOCIATES, INC.
Date: June 24, 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.

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ANALYTICAL RESULTS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

Sample: OUTFALL 001 **Lab ID: 405500001** Collected: 06/24/08 07:11 Received: 06/24/08 09:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7196 Chromium, Hexavalent	Analytical Method: EPA 7196								
Chromium, Hexavalent	**0.20**	mg/L	0.011	0.0034	1		06/24/08 16:02	18540-29-9	B

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

QC Batch: WETA/1817
QC Batch Method: EPA 7196
Analysis Method: EPA 7196
Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 405500001

METHOD BLANK: 44505
Associated Lab Samples: 405500001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium, Hexavalent	mg/L	0.012	0.011	

LABORATORY CONTROL SAMPLE: 44506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/L	.3	0.31	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 44507 44508

Parameter	Units	405506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/L	0.16	.3	.3	0.46	0.46	102	101	90-110	.5	20	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: MAUTHE OUTFALL N1866A05/003
Pace Project No.: 405500

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

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Duni Associates Project # 405500

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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 RO1

Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 6/24/08 AB

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. hexchrome
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____ **Date:** 6/24/08

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)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 031282

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CHAIN OF CUSTODY

(Please Print Clearly)

Company Name:	OMNNI ASSOCIATES
Branch/Location:	APPLETON
Project Contact:	BRIAN WAYNER
Phone:	920/830-6141
Project Number:	N166A05/0003
Project Name:	MAUTHE
Project State:	WI
Sampled By (Print):	BRIAN WAYNER
Sampled By (Sign):	B. D. Wayner
PO #:	Regulatory Program:

*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

Quote #:	MAUTHE
Mail To Contact:	BRIAN WAYNER
Mail To Company:	OMNNI ASSOCIATES
Mail To Address:	ONE SYSTEMS DRIVE APPLETON, WI 54914
Invoice To Contact:	BRIAN WAYNER
Invoice To Company:	OMNNI
Invoice To Address:	SAME
Invoice To Phone:	

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: HEXAVALENT CHROMIUM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	OUTFALL 001	6/24/08	7:11	GW	N	A	X	1-250 MI A		

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:	Date/Time:	Received By:	Date/Time:
B. D. Wayner	6/24/08 7:52	D. Mielke	6/24/08 8:30
D. Mielke	6/24/08 9:50	Stanley Brinkley	6/24/08 0950

PACE Project No. 405500

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted NA

Cooler Custody Seal Present / Not Present
Intact / Not Intact