

April 18, 2008

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

R + R - OSH  
RECEIVED

APR 21 2008

TRACKED  43  
REVIEWED

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

Dear Mr. Stempa:

OMNI Associates, Inc. is pleased to submit the local limit 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. I performed the sample collection<sup>1</sup> on April 8, 2008, at 7:10 a.m.

The 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 13.5 hours later, the discharge valve was reopened and water was allowed to flow out of the equalization tank for approximately 10 minutes prior to sample collection.

From the sample collected, three new, laboratory provided, plastic 250 ml sample containers were filled with unfiltered sample. One sample container contained sodium hydroxide as a preservative. The sample from this container was analyzed for cyanide by Pace Analytical Services laboratory. Two sample containers contained nitric acid as a preservative. The samples from these containers were analyzed for aluminum, arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc by Pace Analytical Services laboratory. (See laboratory chain of custody and laboratory report, Attached.)

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<sup>1</sup> 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.

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

| <b>Parameter</b> | <b>Daily Maximum</b> | <b>Laboratory Analysis</b> |
|------------------|----------------------|----------------------------|
| Aluminum, total  | 70.0 mg/L            | 0.0114 mg/L                |
| Arsenic, total   | 1.0 mg/L             | 0.00043 mg/L               |
| Cadmium, total   | 0.3 mg/L             | 0.00011 mg/L               |
| Chromium, total  | 7.0 mg/L             | 0.864 mg/L                 |
| Copper, total    | 3.5 mg/L             | 0.0043 mg/L                |
| Cyanide, total   | 1.0 mg/L             | 0.014J mg/L                |
| Lead, total      | 2.0 mg/L             | 0.000095J mg/L             |
| Mercury, total   | 2.0 µg/L             | <0.10 µg/L                 |
| Nickel, total    | 2.0 mg/L             | 0.0024 mg/L                |
| Zinc, total      | 10.0 mg/L            | 0.0071 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 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, 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

April 18, 2008

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

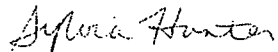
RE: Project: 402394 OMNNI ASSOCIATES  
Pace Project No.: 1071222

Dear Client Services:

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,



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

## REPORT OF LABORATORY ANALYSIS

Page 1 of 7

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### SAMPLE SUMMARY

Project: 402394 OMNNI ASSOCIATES  
Pace Project No.: 1071222

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

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### REPORT OF LABORATORY ANALYSIS

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**SAMPLE ANALYTE COUNT**

Project: 402394 OMNI ASSOCIATES  
Pace Project No.: 1071222

| Lab ID    | Sample ID   | Method   | Analysts | Analytes Reported |
|-----------|-------------|----------|----------|-------------------|
| 402394001 | OUTFALL 001 | EPA 6020 | RJS      | 8                 |

**REPORT OF LABORATORY ANALYSIS**

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### ANALYTICAL RESULTS

Project: 402394 OMNNI ASSOCIATES  
Pace Project No.: 1071222

| Sample: OUTFALL 001              |         | Lab ID: 402394001           | Collected: 04/08/08 07:10 | Received: 04/08/08 11:25     | Matrix: Water | Report         |                |           |      |
|----------------------------------|---------|-----------------------------|---------------------------|------------------------------|---------------|----------------|----------------|-----------|------|
| Parameters                       | Results | Units                       | Limit                     | MDL                          | DF            | Prepared       | Analyzed       | CAS No.   | Qual |
| <b>6020 MET ICPMS, Dissolved</b> |         | Analytical Method: EPA 6020 |                           | Preparation Method: EPA 3020 |               |                |                |           |      |
| Aluminum                         | 11.4    | ug/L                        | 4.0                       | 2.0                          | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7429-90-5 |      |
| Arsenic                          | 0.43    | ug/L                        | 0.20                      | 0.10                         | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7440-38-2 |      |
| Cadmium                          | 0.11    | ug/L                        | 0.10                      | 0.050                        | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7440-43-9 |      |
| Chromium                         | 864     | ug/L                        | 2.5                       | 1.2                          | 5             | 04/17/08 12:40 | 04/17/08 15:33 | 7440-47-3 |      |
| Copper                           | 4.3     | ug/L                        | 0.20                      | 0.10                         | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7440-50-8 |      |
| Lead                             | 0.095J  | ug/L                        | 0.10                      | 0.050                        | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7439-92-1 |      |
| Nickel                           | 2.4     | ug/L                        | 0.10                      | 0.050                        | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7440-02-0 |      |
| Zinc                             | 7.1     | ug/L                        | 5.0                       | 2.5                          | 1             | 04/17/08 12:40 | 04/17/08 15:29 | 7440-66-6 |      |

### QUALITY CONTROL DATA

Project: 402394 OMNI ASSOCIATES  
Pace Project No.: 1071222

QC Batch: MPRP/11882      Analysis Method: EPA 6020  
QC Batch Method: EPA 3020      Analysis Description: 6020 MET Dissolved  
Associated Lab Samples: 402394001

METHOD BLANK: 465778  
Associated Lab Samples: 402394001

| Parameter | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------|-------|--------------|-----------------|------------|
| Aluminum  | ug/L  | ND           | 4.0             |            |
| Arsenic   | ug/L  | ND           | 0.20            |            |
| Cadmium   | ug/L  | ND           | 0.10            |            |
| Chromium  | ug/L  | ND           | 0.50            |            |
| Copper    | ug/L  | ND           | 0.20            |            |
| Lead      | ug/L  | ND           | 0.10            |            |
| Nickel    | ug/L  | ND           | 0.10            |            |
| Zinc      | ug/L  | ND           | 5.0             |            |

LABORATORY CONTROL SAMPLE: 465779

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Aluminum  | ug/L  | 80          | 76.5       | 96        | 85-115       |            |
| Arsenic   | ug/L  | 80          | 82.8       | 103       | 85-115       |            |
| Cadmium   | ug/L  | 80          | 85.4       | 107       | 85-115       |            |
| Chromium  | ug/L  | 80          | 80.6       | 101       | 85-115       |            |
| Copper    | ug/L  | 80          | 80.3       | 100       | 85-115       |            |
| Lead      | ug/L  | 80          | 79.4       | 99        | 85-115       |            |
| Nickel    | ug/L  | 80          | 80.9       | 101       | 85-115       |            |
| Zinc      | ug/L  | 80          | 81.1       | 101       | 85-115       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465780      465781

| Parameter | Units | MS                |             | MSD         |           | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |            |
|-----------|-------|-------------------|-------------|-------------|-----------|----------|-----------|--------------|---------|------|------------|
|           |       | 1070229001 Result | Spike Conc. | Spike Conc. | MS Result |          |           |              |         |      | MSD Result |
| Aluminum  | ug/L  | 20.3              | 80          | 80          | 88.6      | 94.5     | 85        | 93           | 70-130  | 6    | 20         |
| Arsenic   | ug/L  | 2.3               | 80          | 80          | 79.5      | 85.9     | 96        | 105          | 70-130  | 8    | 20         |
| Cadmium   | ug/L  | ND                | 80          | 80          | 77.4      | 83.2     | 97        | 104          | 70-130  | 7    | 20         |
| Chromium  | ug/L  | 1.7J              | 80          | 80          | 77.4      | 83.5     | 95        | 102          | 70-130  | 8    | 20         |
| Copper    | ug/L  | 2.9               | 80          | 80          | 75.4      | 81.3     | 91        | 98           | 70-130  | 7    | 20         |
| Lead      | ug/L  | ND                | 80          | 80          | 72.6      | 79.3     | 91        | 99           | 70-130  | 9    | 20         |
| Nickel    | ug/L  | 1.5               | 80          | 80          | 73.3      | 80.9     | 90        | 99           | 70-130  | 10   | 20         |
| Zinc      | ug/L  | ND                | 80          | 80          | 79.5      | 84.4     | 93        | 99           | 70-130  | 6    | 20         |

## QUALIFIERS

Project: 402394, OMNNI ASSOCIATES  
Pace Project No.: 1071222

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### 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.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 402394 OMNI ASSOCIATES  
Pace Project No.: 1071222

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| Lab ID    | Sample ID   | QC Batch Method | QC Batch   | Analytical Method | Analytical Batch |
|-----------|-------------|-----------------|------------|-------------------|------------------|
| 402394001 | OUTFALL 001 | EPA 3020        | MPRP/11882 | EPA 6020          | ICPM/4690        |

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April 18, 2008

Brian Wayner  
Omni 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

**REPORT OF LABORATORY ANALYSIS**

Page 1 of 9

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## CERTIFICATIONS

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

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### 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

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### 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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## REPORT OF LABORATORY ANALYSIS

Page 2 of 9

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### SAMPLE SUMMARY

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

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

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### REPORT OF LABORATORY ANALYSIS

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**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     |

**REPORT OF LABORATORY ANALYSIS**

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**ANALYTICAL RESULTS**

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

| Sample: <b>OUTFALL 001</b> Lab ID: <b>402394001</b> 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 |
| <b>7470 Mercury, Dissolved</b>   | 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  |      |
| <b>335.4 Cyanide, Tot. Dissolved</b>   | Analytical Method: EPA 335.4                                |       |       |        |    |                |                |            |      |
| Cyanide  | 0.014J  | mg/L  | 0.020 | 0.0060 | 1  |                | 04/16/08 14:13 | 57-12-5    | B    |
| <b>7196 Chromium, Hexavalent</b>   | Analytical Method: EPA 7196                                 |       |       |        |    |                |                |            |      |
| Chromium, Hexavalent   | 0.063   | mg/L  | 0.011 | 0.0034 | 1  |                | 04/08/08 15:45 | 18540-29-9 |      |

**QUALITY CONTROL DATA**

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

QC Batch: WETA/1275 Analysis Method: EPA 7196  
QC Batch 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          | MSD         | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Max RPD | Qual |
|----------------------|-------|------------------|-------------|-------------|-----------|------------|----------|-----------|--------------|---------|---------|------|
|                      |       |                  | Spike Conc. | Spike Conc. |           |            |          |           |              |         |         |      |
| Chromium, Hexavalent | mg/L  | 0.063            | .3          | .3          | 0.39      | 0.38       | 110      | 106       | 90-110       | 3       | 20      |      |

**QUALITY CONTROL DATA**

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

QC Batch: MERP/1050      Analysis Method: EPA 7470  
QC Batch 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      |      |



**QUALITY CONTROL DATA**

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

QC Batch: WETA/1322      Analysis Method: EPA 335.4  
QC Batch 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          | MSD         | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max |     |      |
|-----------|-------|------------------|-------------|-------------|-----------|------------|----------|-----------|--------------|-----|-----|------|
|           |       |                  | Spike Conc. | Spike Conc. |           |            |          |           |              | RPD | 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          | MSD         | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max |     |      |
|-----------|-------|------------------|-------------|-------------|-----------|------------|----------|-----------|--------------|-----|-----|------|
|           |       |                  | Spike Conc. | Spike Conc. |           |            |          |           |              | RPD | RPD | Qual |
| Cyanide   | mg/L  | 0.014J           | .1          | .1          | 0.0060J   | 0.0066J    | -8       | -7        | 90-110       |     | 20  | M0   |

## QUALIFIERS

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

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### 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.

(Please Print Clearly)

Company Name: OMNNI ASSOCIATES  
 Branch/Location: APPLETON  
 Project Contact: BRIAN WAYNER  
 Phone: 920/830-6141  
 Project Number: N1866 A05/003  
 Project Name: MAUTHE  
 Project State: WI  
 Sampled By (Print): BRIAN WAYNER  
 Sampled By (Sign): *Brian Wayne*  
 PO #:  
 Regulatory Program:



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

### 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

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

| Analysis Requested | HEXAVALENT CHROMIUM | TOTAL CYANIDE | TESTALS: | ALUMINUM | ARSENIC | CADMIUM | CHROMIUM | COPPER | LEAD | MERCURY | NICKEL | ZINC |
|--------------------|---------------------|---------------|----------|----------|---------|---------|----------|--------|------|---------|--------|------|
|                    | N                   | N             | N        | N        | N       | N       | N        | N      | N    | N       | N      | N    |
|                    | A                   | G             | D        | D        | D       | D       | D        | D      | D    | D       | D      | D    |

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:

| CLIENT COMMENTS | LAB COMMENTS (Lab Use Only)  | Profile # |
|-----------------|------------------------------|-----------|
|                 | R-250ml 3-250ml <sup>D</sup> |           |

**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 |      | MATRIX |
|------------|-----------------|------------|------|--------|
|            |                 | DATE       | TIME |        |
| 001        | OUTFALL 001     | 4/8/08     | 7:10 | GW     |

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: *Brian Wayne* Date/Time: 4/8/08 8:12am  
 Relinquished By: *D. Mielke* Date/Time: 4/8/08 11:25  
 Relinquished By:  
 Relinquished By:

Received By: *D. Mielke* Date/Time: 4/8/08 8:47  
 Received By: *[Signature]* Date/Time: 4/8/08 11:25  
 Received By:  
 Received By:

PACE Project No. 402394  
 Receipt Temp = 70.1 °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact



**Sample Condition Upon Receipt**

Client Name: OMNRI

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 RO1

Biological Tissue is Frozen: Yes  No

Date and initials of person examining contents: 4/8/08 AB

Temp should be above freezing to 6°C

Comments: AB

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

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Project Manager Review: [Signature]

Date: 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)