

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 10, 2010

Carnow, Conibear, & Associates

300 W. Adams

Suite 1200

Chicago, IL 60606

Telephone: (312) 782-4486

Fax: (773) 838-0174

RE: MRH, Chicago, IL

STAT Project No 10070701

Dear David Bremer:

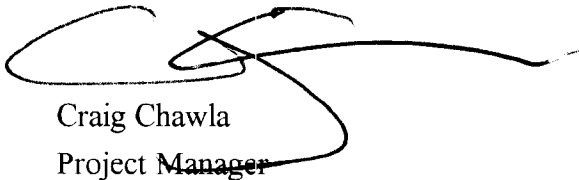
STAT Analysis received 3 samples for the referenced project on 7/22/2010 11:50:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

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**Client:** Carnow, Conibear, & Associates  
**Project:** MRH, Chicago, IL  
**Lab Order:** 10070701

**Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
10070701-001A	MRH-WC-1		7/21/2010 2:30:00 PM	7/22/2010
10070701-002A	MRH-WC-2		7/21/2010 2:40:00 PM	7/22/2010
10070701-003A	MRH-WC-3		7/21/2010 2:50:00 PM	7/22/2010

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**CLIENT:** Carnow, Conibear, & Associates  
**Project:** MRH, Chicago, IL  
**Lab Order:** 10070701

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**CASE NARRATIVE**

BTU analysis was subcontracted to Precision Petroleum Labs, Inc., Houston, TX.

The VOC LCS/LCSD analyzed 7/28/2010 had recovery for 2-Nitropropane outside control limit (63%/69% recovery, QC limits 70-130%).

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Report Date: August 10, 2010

Print Date: August 10, 2010

**Client:** Carnow, Conibear, & Associates  
**Lab Order:** 10070701  
**Project:** MRH, Chicago, IL  
**Lab ID:** 10070701-001A

**Client Sample ID:** MRH-WC-1  
**Tag Number:**  
**Collection Date:** 7/21/2010 2:30:00 PM  
**Matrix:** Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>PCBs in Oil</b>		<b>D4059 (SW3580A)</b>		Prep Date: <b>7/22/2010</b>		Analyst: <b>AY</b>
Aroclor 1016	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1221	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1232	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1242	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1248	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1254	ND	0.91	*	mg/Kg	10	7/23/2010
Aroclor 1260	ND	0.91	*	mg/Kg	10	7/23/2010
<b>F-Listed Semivolatile Compounds</b>		<b>SW8270C (SW3580A)</b>		Prep Date: <b>7/23/2010</b>		Analyst: <b>DM</b>
2-Ethoxyethanol	ND	0.31	*	mg/Kg	1	7/27/2010
2-Methylphenol	ND	0.31		mg/Kg	1	7/27/2010
3- & 4-Methylphenol	ND	0.31		mg/Kg	1	7/27/2010
Cyclohexanone	ND	0.31	*	mg/Kg	1	7/27/2010
Nitrobenzene	ND	0.31		mg/Kg	1	7/27/2010
Pyridine	ND	0.31		mg/Kg	1	7/27/2010
<b>F-Listed Volatile Compounds</b>		<b>SW8260B</b>		Prep Date: <b>7/22/2010</b>		Analyst: <b>PS</b>
1,1,1-Trichloroethane	43	12		mg/Kg	500	7/28/2010
1,1,2-Trichloroethane	ND	12		mg/Kg	500	7/28/2010
1,2-Dichlorobenzene	ND	12		mg/Kg	500	7/28/2010
1-Butanol	ND	980		mg/Kg	500	7/28/2010
2-Butanone	ND	180		mg/Kg	500	7/28/2010
2-Nitropropane	ND	120		mg/Kg	500	7/28/2010
4-Methyl-2-pentanone	ND	25		mg/Kg	500	7/28/2010
Acetone	ND	180		mg/Kg	500	7/28/2010
Benzene	ND	12		mg/Kg	500	7/28/2010
Carbon disulfide	ND	12		mg/Kg	500	7/28/2010
Carbon tetrachloride	ND	12		mg/Kg	500	7/28/2010
Chlorobenzene	ND	12		mg/Kg	500	7/28/2010
Ethyl acetate	ND	120		mg/Kg	500	7/28/2010
Ethyl Ether	ND	120		mg/Kg	500	7/28/2010
Ethylbenzene	92	12		mg/Kg	500	7/28/2010
Freon-113	ND	12	*	mg/Kg	500	7/28/2010
Isobutyl Alcohol	ND	980		mg/Kg	500	7/28/2010
Methanol	ND	9.8	*	mg/Kg	1	7/26/2010
Methylene chloride	130	25		mg/Kg	500	7/28/2010
Tetrachloroethene	430000	12000		mg/Kg	500000	7/29/2010
Toluene	42	12		mg/Kg	500	7/28/2010
Trichloroethene	ND	12		mg/Kg	500	7/28/2010

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
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Report Date: August 10, 2010

Print Date: August 10, 2010

Client: Carnow, Conibear, &amp; Associates

Client Sample ID: MRH-WC-1

Lab Order: 10070701

Tag Number:

Project: MRH, Chicago, IL

Collection Date: 7/21/2010 2:30:00 PM

Lab ID: 10070701-001A

Matrix: Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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**F-Listed Volatile Compounds****SW8260B**Prep Date: **7/22/2010** Analyst: **PS**

Trichlorofluoromethane

ND 12

mg/Kg 500

7/28/2010

Xylenes, Total

1100 37

mg/Kg 500

7/28/2010

**Heat Content In BTU****5050**

Prep Date:

Analyst: **SUB**

Heat Content in BTU

13856 2150 \*

BTU/lb 1

8/9/2010

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Report Date: August 10, 2010

Print Date: August 10, 2010

Client: Carnow, Conibear, &amp; Associates

Client Sample ID: MRH-WC-2

Lab Order: 10070701

Tag Number:

Project: MRH, Chicago, IL

Collection Date: 7/21/2010 2:40:00 PM

Lab ID: 10070701-002A

Matrix: Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>PCBs in Oil</b>	<b>D4059 (SW3580A)</b>				Prep Date: 7/22/2010	Analyst: AY
Aroclor 1016	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1221	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1232	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1242	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1248	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1254	ND	0.89	*	mg/Kg	10	7/23/2010
Aroclor 1260	ND	0.89	*	mg/Kg	10	7/23/2010

<b>F-Listed Semivolatile Compounds</b>	<b>SW8270C (SW3580A)</b>				Prep Date: 7/23/2010	Analyst: DM
2-Ethoxyethanol	ND	0.3	*	mg/Kg	1	7/27/2010
2-Methylphenol	ND	0.3		mg/Kg	1	7/27/2010
3- & 4-Methylphenol	ND	0.3		mg/Kg	1	7/27/2010
Cyclohexanone	ND	0.3	*	mg/Kg	1	7/27/2010
Nitrobenzene	ND	0.3		mg/Kg	1	7/27/2010
Pyridine	ND	0.3		mg/Kg	1	7/27/2010

<b>F-Listed Volatile Compounds</b>	<b>SW8260B</b>				Prep Date: 7/22/2010	Analyst: PS
1,1,1-Trichloroethane	ND	2.5		mg/Kg	100	7/29/2010
1,1,2-Trichloroethane	ND	2.5		mg/Kg	100	7/29/2010
1,2-Dichlorobenzene	ND	2.5		mg/Kg	100	7/29/2010
1-Butanol	ND	200		mg/Kg	100	7/29/2010
2-Butanone	ND	37		mg/Kg	100	7/29/2010
2-Nitropropane	ND	25		mg/Kg	100	7/29/2010
4-Methyl-2-pentanone	ND	5		mg/Kg	100	7/29/2010
Acetone	210	37		mg/Kg	100	7/29/2010
Benzene	ND	2.5		mg/Kg	100	7/29/2010
Carbon disulfide	ND	2.5		mg/Kg	100	7/29/2010
Carbon tetrachloride	ND	2.5		mg/Kg	100	7/29/2010
Chlorobenzene	ND	2.5		mg/Kg	100	7/29/2010
Ethyl acetate	ND	25		mg/Kg	100	7/29/2010
Ethyl Ether	ND	25		mg/Kg	100	7/29/2010
Ethylbenzene	ND	2.5		mg/Kg	100	7/29/2010
Freon-113	ND	2.5	*	mg/Kg	100	7/29/2010
Isobutyl Alcohol	ND	200		mg/Kg	100	7/29/2010
Methanol	ND	9.5	*	mg/Kg	1	7/26/2010
Methylene chloride	ND	5		mg/Kg	100	7/29/2010
Tetrachloroethene	ND	2.5		mg/Kg	100	7/29/2010
Toluene	ND	2.5		mg/Kg	100	7/29/2010
Trichloroethene	ND	2.5		mg/Kg	100	7/29/2010

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Print Date: August 10, 2010

Client: Carnow, Conibear, &amp; Associates

Client Sample ID: MRH-WC-2

Lab Order: 10070701

Tag Number:

Project: MRH, Chicago, IL

Collection Date: 7/21/2010 2:40:00 PM

Lab ID: 10070701-002A

Matrix: Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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**F-Listed Volatile Compounds**

SW8260B

Prep Date: 7/22/2010 Analyst: PS

Trichlorofluoromethane

ND 2.5

mg/Kg 100

7/29/2010

Xylenes, Total

9.9 7.4

mg/Kg 100

7/29/2010

**Heat Content In BTU**

5050

Prep Date:

Analyst: SUB

Heat Content in BTU

ND 2150

\*

BTU/lb 1

8/9/2010

**Qualifiers:**

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Report Date: August 10, 2010

Print Date: August 10, 2010

**Client:** Carnow, Conibear, & Associates  
**Lab Order:** 10070701  
**Project:** MRH, Chicago, IL  
**Lab ID:** 10070701-003A

**Client Sample ID:** MRH-WC-3  
**Tag Number:**  
**Collection Date:** 7/21/2010 2:50:00 PM  
**Matrix:** Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>PCBs in Oil</b>		<b>D4059 (SW3580A)</b>		Prep Date: <b>7/22/2010</b>		Analyst: <b>AY</b>
Aroclor 1016	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1221	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1232	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1242	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1248	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1254	ND	0.93	*	mg/Kg	10	7/23/2010
Aroclor 1260	ND	0.93	*	mg/Kg	10	7/23/2010
<b>F-Listed Semivolatile Compounds</b>		<b>SW8270C (SW3580A)</b>		Prep Date: <b>7/23/2010</b>		Analyst: <b>DM</b>
2-Ethoxyethanol	ND	0.3	*	mg/Kg	1	7/27/2010
2-Methylphenol	ND	0.3		mg/Kg	1	7/27/2010
3- & 4-Methylphenol	48	0.3		mg/Kg	1	7/27/2010
Cyclohexanone	ND	0.3	*	mg/Kg	1	7/27/2010
Nitrobenzene	ND	0.3		mg/Kg	1	7/27/2010
Pyridine	ND	0.3		mg/Kg	1	7/27/2010
<b>F-Listed Volatile Compounds</b>		<b>SW8260B</b>		Prep Date: <b>7/22/2010</b>		Analyst: <b>PS</b>
1,1,1-Trichloroethane	ND	3.9		mg/Kg	100	7/29/2010
1,1,2-Trichloroethane	ND	3.9		mg/Kg	100	7/29/2010
1,2-Dichlorobenzene	ND	3.9		mg/Kg	100	7/29/2010
1-Butanol	ND	310		mg/Kg	100	7/29/2010
2-Butanone	ND	59		mg/Kg	100	7/29/2010
2-Nitropropane	ND	39		mg/Kg	100	7/29/2010
4-Methyl-2-pentanone	ND	7.9		mg/Kg	100	7/29/2010
Acetone	ND	59		mg/Kg	100	7/29/2010
Benzene	ND	3.9		mg/Kg	100	7/29/2010
Carbon disulfide	ND	3.9		mg/Kg	100	7/29/2010
Carbon tetrachloride	ND	3.9		mg/Kg	100	7/29/2010
Chlorobenzene	ND	3.9		mg/Kg	100	7/29/2010
Ethyl acetate	ND	39		mg/Kg	100	7/29/2010
Ethyl Ether	ND	39		mg/Kg	100	7/29/2010
Ethylbenzene	7.6	3.9		mg/Kg	100	7/29/2010
Freon-113	ND	3.9	*	mg/Kg	100	7/29/2010
Isobutyl Alcohol	ND	310		mg/Kg	100	7/29/2010
Methanol	ND	48	*	mg/Kg	1	7/26/2010
Methylene chloride	ND	7.9		mg/Kg	100	7/29/2010
Tetrachloroethene	18	3.9		mg/Kg	100	7/29/2010
Toluene	11	3.9		mg/Kg	100	7/29/2010
Trichloroethene	ND	3.9		mg/Kg	100	7/29/2010

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Client Sample ID: MRH-WC-3

Lab Order: 10070701

Tag Number:

Project: MRH, Chicago, IL

Collection Date: 7/21/2010 2:50:00 PM

Lab ID: 10070701-003A

Matrix: Liquid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>F-Listed Volatile Compounds</b>		<b>SW8260B</b>			Prep Date: <b>7/22/2010</b>	Analyst: <b>PS</b>
Trichlorofluoromethane	ND	3.9		mg/Kg	100	7/29/2010
Xylenes, Total	73	12		mg/Kg	100	7/29/2010
<b>Heat Content In BTU</b>		<b>5050</b>			Prep Date:	Analyst: <b>SUB</b>
Heat Content in BTU	19187	2150	*	BTU/lb	1	8/9/2010

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 E - Value above quantitation range  
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**Sample Receipt Checklist**

Client Name CCA

Date and Time Received: 7/22/2010 11:50:00 AM

Work Order Number 10070701

Received by: CIG

Checklist completed by: [Signature] 7/22/10  
Signature Date

Reviewed by: CB 7/24/10  
Initials Date

Matrix: Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 4.1 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: \_\_\_\_\_
- Water - Samples properly preserved? Yes  No  pH Adjusted? \_\_\_\_\_

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response: