

# Atlantic Richfield Company

TD

**William B. Barber**  
Project Manager

*report, hw, 932102.2006-12-14.SPDES-Nov-SMR*

4850 East 49<sup>th</sup> Street  
MBC3-147  
Cuyahoga Heights, OH 44125  
Phone : 216-271-8038  
Fax: 216-271-8937  
E-mail: barberwb@bp.com

December 14, 2006

N.Y.S. Department of Environmental Conservation  
Division of Water  
Bureau of Watershed Compliance Programs  
625 Broadway, 4<sup>th</sup> Floor  
Albany, NY 12233

**RECEIVED**

DEC 26 2006

*[Signature]*  
NYSDEC REG 9  
FOIL  
 REL  UNREL

Department of Environmental Conservation  
Regional Water Engineer  
270 Michigan Avenue  
Buffalo, NY 14203

Niagara County Health Department  
5467 Upper Mountain Road  
Lockport, NY 14094

**Subject: SPDES Permit #NY 000 1988  
Elm Holdings Inc., Sanborn, NY**

Enclosed is the Discharge Monitoring Report for November 1, 2006 through November 30, 2006 for the subject SPDES outfall. There was one exceedence for the month. Methylene chloride was found at a level greater than the discharge limit of 10 ppb. A level of 16 ppb was reported for methylene chloride in the initial analysis of the November 8, 2006 sample. Investigation and re-analysis revealed that the probable cause of the non-compliance was unusually high methylene chloride in the lab environment. This is substantiated by the high levels of methylene chloride reported for this sample as well as for samples from other sites. Methylene chloride was detected in the method blank associated with these samples.

A letter from the analytical laboratory describing the non-compliance, and the short and long-term corrective actions, is attached. Also attached is the non-compliance event report submitted November 22, 2006, and the reported volatile organic compound results for the November 8, 2006 and November 15, 2006 samples. Note that methylene chloride was not detected in the sample collected on November 15, 2006.

Please contact the writer if there are any questions.



December 14, 2006

Page 2

Sincerely,

A handwritten signature in black ink, appearing to read "William B. Barber". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

William B. Barber  
Project Manager



Enclosures

- cc: Timothy Dieffenbach – NYSDEC (w/encl.)
- Matthew Forcucci – NYSDOH (w/encl.)
- R. Becken – O&M Enterprises (w/encl.)
- K. Scott – Metallics (w/encl.)
- G. Hermance – Parsons (w/encl.)
- File 12.30 (w/encl.)

Appendix B

SECTION 1

New York State Department of Environmental Conservation  
Division of Water

**Report of Noncompliance Event**

To: DEC Water Contact Robert Locey DEC Region: 9

Report Type:  5 Day  Permit Violation  Order Violation  Anticipated Noncompliance  Bypass/Overflow  Other

SECTION 2

SPDES #: NY- 0001988 Facility: Former Carborundum Complex – Cory Rd, Wheatfield

Date of noncompliance: 11/17/06 Location (Outfall, Treatment Unit, or Pump Station): Outfall 01A

Description of noncompliance(s) and cause(s):

Methylene chloride was found at a level greater than the discharge limit of 10ppb. A level of 16ppb was reported for methylene chloride in the initial analysis. The probable cause of the noncompliance event is unusually high methylene chloride in the lab environment. The lab reported other samples, not related to this site, also exhibited uncharacteristic levels of methylene chloride. Methylene chloride was detected in the method blank associated with these samples.

Has event ceased?  (Yes)  (No) If so, when? 11/17/06 Was event due to plant upset? (Yes)  (No)  \* SPDES limits violated? (Yes)  (No)

Start date, time of event: 11/15/06, 1:59 (AM)  (PM) End date, time of event: 11/17/06, 11:10 (AM)  (PM)

Date, time oral notification made to DEC: 11/17/06, 12:03 (AM)  (PM) DEC Official contacted: Rob Locey through Marty

Immediate corrective actions:

After review of the data and historical data review it was determined that it is not typical to see methylene chloride at a level above the discharge limit. Other aliquots of the composite made at the laboratory were analyzed two more times with similar results to the initial analysis, above the discharge limit. Immediately after the reanalyses the permit holder was informed of the problem by telephone.

Preventive (long term) corrective actions:

All sample volume was consumed during compositing. A remake and reanalyze was not possible after methylene chloride sample contamination was suspected. In the future, the lab will retain some of the uncomposited volume in order to remake the composite and reanalyze the sample.

SECTION 3

\*The few historical occurrences of methylene chloride in relation to this permit have been attributed to laboratory contamination.

Completed and certified by: \_\_\_\_\_

Date: \_\_\_\_\_

DEC Official Contacted: \_\_\_\_\_ Date of DEC Approval: \_\_\_\_\_

Description of noncompliance and corrective actions as described in Section 2. Date of review and reanalysis as required in Section 2(c): \_\_\_\_\_

SECTION 4

Facility Representative: George Hermance Title: Project Coordinator Date: 11/17/06

Phone #: (716) 633-7074 Fax #: (716) 633-7195

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.

  
Signature of Principal Executive Officer or Authorized Agent  
**William BARBER**  
Project Manager



**Waste Stream Technology Inc.**

302 Grote Street  
Buffalo, N.Y. 14207-2442  
Phone (716) 876-5290  
FAX (716) 876-2412

November 27, 2006

George W. Hermance  
180 Lawrence Bell Drive  
Suite 104  
Williamsville, New York 14221

DEC - 6 2006

Dear Mr. Hermance

In response to the non-compliance of Methylene Chloride in the November 8<sup>th</sup>, 2006 Outfall sample from the BP Sanborn site (WST sample ID 6K08031-01), the following paragraphs will describe the non-compliance, the probable cause and the short and long term corrective actions.

**Description of noncompliance:**

Methylene chloride was found at a level greater than the discharge limit of 10ppb. A level of 16ppb was reported for methylene chloride in the initial analysis performed on November 15, 2006. This sample was composited in the volatile laboratory on November 15<sup>th</sup>, 2006 and there were indications that the background methylene chloride may have been unusually high in the lab. Other samples composited that day also exhibited uncharacteristic levels of methylene chloride and these samples were "B" flagged indicating a positive hit for methylene chloride in the method blank associated with these samples.

**Immediate Corrective Actions:**

After review of the data and historical data review it was determined that it is not typical to see methylene chloride at a level above the discharge limit. Because of this, other aliquots of the composite made at the laboratory were analyzed two more times with similar results to the initial analysis, all above the discharge limit. Immediately after the reanalyses the client was informed of the problem by telephone.

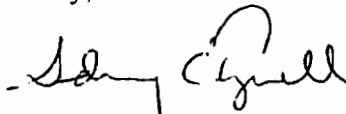
**Preventative (long term) Corrective actions:**

Because it is suspected that the sample may have been contaminated during compositing, in the future we will change the scheme that we composite under. This sample was composited by taking all 8 VOA vials supplied and compositing the total volumes together and taking a 5 ml aliquot from that composite to analyze. The problem with this

is that if there is contamination during the compositing step, there are no uncontaminated volumes to go back to. In the future we will composite only an aliquot of the 8 VOA's volumes supplied in order to retain some of the uncomposited volume. This way we can remake the composite and reanalyze. We feel that if we could have recomposited the sample and reanalyzed the new composite, we would have gotten compliant results.

Also included with this letter is a copy of the raw data for the original analysis, the first re-analysis and their associated method blank. If you have any further questions or need additional information, please call at 716-876-5290 and ask to speak to Sid.

Sincerely,



Sidney C. Tyrrell  
Assistant Laboratory Director

cc: Daniel Vollmer, WST

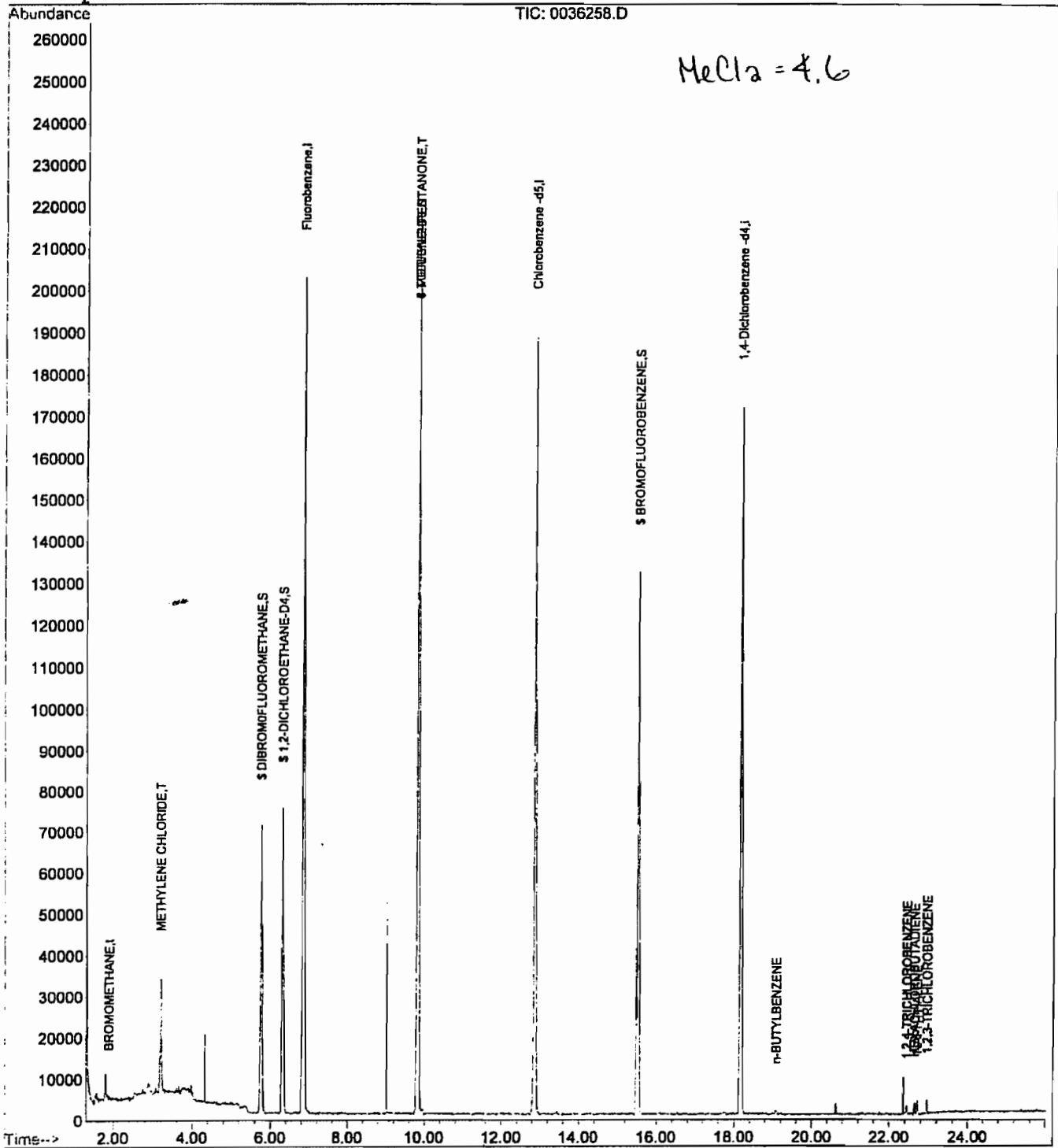
Quantitation Report

Data File : C:\HPCHEM\1\72bDATA\111506\0036258.D  
Acq On : 15 Nov 2006 11:43 am  
Sample : AK61505-BLK1  
Misc : 5ML  
MS Integration Params: rteint.p  
Quant Time: Nov 15 12:09 2006

Vial: 5  
Operator: RK/SCT  
Inst : 5972B  
Multiplr: 1.00

Quant Results File: 110606W.RES

Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
Title : VOACAP18 INTEGRATION  
Last Update : Tue Nov 07 09:13:58 2006  
Response via : Initial Calibration



Data File : C:\HPCHEM\1\72bDATA\111506\0036258.D  
 Acq On : 15 Nov 2006 11:43 am  
 Sample : AK61505-BLK1  
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Vial: 5  
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 Title : VOACAP18 INTEGRATION  
 Last Update : Tue Nov 07 09:13:58 2006  
 Response via : Initial Calibration  
 DataAcq Meth : 110606W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.84	96	305686	30.00	UG/L	0.03
43) Chlorobenzene -d5	12.85	117	207775	30.00	UG/L	0.03
65) 1,4-Dichlorobenzene -d4	18.17	152	100605	30.00	UG/L	0.03

System Monitoring Compounds

27) \$ DIBROMOFLUOROMETHANE	5.76	111	73733	30.57	UG/L	0.03
Spiked Amount 30.000	Range 50 - 150		Recovery =	101.90%		
32) \$ 1,2-DICHLOROETHANE-D4	6.31	65	77714	32.22	UG/L	0.03
Spiked Amount 30.000	Range 50 - 150		Recovery =	107.40%		
44) \$ TOLUENE-D8	9.82	98	262048	30.55	UG/L	0.03
Spiked Amount 30.000	Range 50 - 150		Recovery =	101.83%		
66) \$ BROMOFLUOROBENZENE	15.52	95	93674	31.60	UG/L	0.03
Spiked Amount 30.000	Range 50 - 150		Recovery =	105.33%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	0.00	85	0	N.D.		
3) CHLOROMETHANE	0.00	50	0	N.D.		
4) VINYL CHLORIDE	0.00	62	0	N.D.		
5) BROMOMETHANE	1.89	94	117	2.82	UG/L #	5
6) CHLOROETHANE	1.96	64	126	N.D.		
7) TRICHLOROFLUOROMETHANE	0.00	101	0	N.D.		
8) ACROLEIN	0.00	56	0	N.D.		
9) 1,1,2-trichloro-1,2,2-trif	0.00	101	0	N.D.		
10) 1,1-DICHLOROETHENE	0.00	96	0	N.D.		
11) ACETONE	2.74	43	1068	Below Cal	#	42
12) t-butyl alcohol	0.00	59	0	N.D.		
13) idomethane	0.00	142	0	N.D.		
14) CARBON DISULFIDE	2.88	76	356	N.D.		
15) METHYLENE CHLORIDE	3.20	84	16758	4.55	UG/L =	97
16) ACRYLONITRILE	0.00	53	0	N.D.		
17) MTBE	0.00	73	0	N.D.		
18) TRANS-1,2-DICHLOROETHENE	0.00	96	0	N.D.		
19) 1,1-DICHLOROETHANE	0.00	63	0	N.D.		
20) VINYL ACETATE	3.94	43	155	N.D.		
21) 2-BUTANONE	0.00	43	0	N.D.		
22) 2,2-DICHLOROPROPANE	0.00	77	0	N.D.		
23) CIS-1,2-DICHLOROETHENE	0.00	96	0	N.D.		
24) ethyl acetate	0.00	43	0	N.D.		
25) CHLOROFORM	0.00	83	0	N.D.		
26) BROMOCHLOROMETHANE	0.00	128	0	N.D.		
28) TETRAHYDROFURAN	0.00	42	0	N.D.		
29) 1,1,1-TRICHLOROETHANE	0.00	97	0	N.D.		
30) CARBON TETRACHLORIDE	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration  
 0036258.D 110606W.M Wed Nov 15 12:09:15 2006

Data File : C:\HPCHEM\1\72bDATA\111506\0036258.D

Vial: 5

Acq On : 15 Nov 2006 11:43 am

Operator: RK/SCT

Sample : AK61505-BLK1

Inst : 5972B

Misc : 5ML

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 15 12:09 2006

Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)

Title : VOACAP18 INTEGRATION

Last Update : Tue Nov 07 09:13:58 2006

Response via : Initial Calibration

DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
31) isopropyl acetate	0.00	43	0		N.D.	
33) 1,1-DICHLOROPROPENE	0.00	75	0		N.D.	
34) BENZENE	0.00	78	0		N.D.	
35) 1,2-DICHLOROETHANE	0.00	62	0		N.D.	
36) TRICHLOROETHENE	0.00	95	0		N.D.	
37) 1,2-DICHLOROPROPANE	0.00	63	0		N.D.	
38) BROMODICHLOROMETHANE	0.00	83	0		N.D.	
39) dibromomethane	0.00	93	0		N.D.	
40) 2-CHLOROETHYLVINYL ETHER	0.00	63	0		N.D.	
41) 4-METHYL-2-PENTANONE	9.82	43	1096	0.29	UG/L #	1
42) CIS-1,3-DICHLOROPROPENE	0.00	75	0		N.D.	
45) TOLUENE	9.96	92	426		N.D.	
46) TRANS-1,3-DICHLOROPROPENE	0.00	75	0		N.D.	
47) 1,1,2-TRICHLOROETHANE	0.00	83	0		N.D.	
48) 2-HEXANONE	0.00	43	0		N.D.	
49) TETRACHLOROETHENE	0.00	164	0		N.D.	
50) 1,3-DICHLOROPROPANE	0.00	76	0		N.D.	
51) n-butyl acetate	0.00	43	0		N.D.	
52) DIBROMOCHLOROMETHANE	0.00	129	0		N.D.	
53) 1,2-DIBROMOETHANE	0.00	107	0		N.D.	
54) 1-CHLOROHEXANE	13.16	91	148		N.D.	
55) CHLOROBENZENE	0.00	112	0		N.D.	
56) 1,1,1,2-TETRACHLOROETHANE	0.00	131	0		N.D.	
57) ETHYLBENZENE	13.18	91	119		N.D.	
58) M+P-XYLENES	0.00	106	0		N.D.	
59) O-XYLENE	0.00	106	0		N.D.	
60) STYRENE	0.00	104	0		N.D.	
61) n-amyl acetate	0.00	43	0		N.D.	
62) BROMOFORM	0.00	173	0		N.D.	
63) ISOPROPYLBENZENE	15.15	105	375		N.D.	
64) 1,1,2,2-TETRACHLOROETHANE	0.00	83	0		N.D.	
67) BROMOBENZENE	0.00	156	0		N.D.	
68) 1,2,3-TRICHLOROPROPANE	0.00	75	0		N.D.	
69) trans- 1,4-dichloro-2-bute	0.00	53	0		N.D.	
70) n-PROPYLBENZENE	16.09	91	1068		N.D.	
71) 2-CHLOROTOLUENE	16.25	91	348		N.D.	
72) 1,3,5-TRIMETHYLBENZENE	16.53	105	654		N.D.	
73) 4-CHLOROTOLUENE	16.51	91	465		N.D.	
74) tert-BUTYLBENZENE	17.24	119	608		N.D.	
75) 1,2,4-TRIMETHYLBENZENE	17.38	105	471		N.D.	
76) sec-BUTYLBENZENE	17.75	105	1474		N.D.	
77) p-ISOPROPYLTOLUENE	18.14	119	1343		N.D.	

(#) = qualifier out of range (m) = manual integration



Data File : C:\HPCHEM\1\72bDATA\111506\0036258.D Vial: 5  
 Acq On : 15 Nov 2006 11:43 am Operator: RK/SCT  
 Sample : AK61505-BLK1 Inst : 5972B  
 Misc : SML Multiplr: 1.00  
 MS Integration Params: rteint.p  
 Quant Time: Nov 15 12:09 2006 Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
 Title : VOACAP18 INTEGRATION  
 Last Update : Tue Nov 07 09:13:58 2006  
 Response via : Initial Calibration  
 DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
78) 1,3-DICHLOROBENZENE	18.00	146	454	N.D.		
79) 1,4-DICHLOROBENZENE	18.21	146	479	N.D.		
80) n-BUTYLBENZENE	19.09	91	1522	0.27	UG/L #	46
81) 1,2-DICHLOROBENZENE	19.07	146	266	N.D.		
82) 1,2-DIBROMO-3-CHLOROPROPAN	0.00	75	0	N.D.		
83) 1,2,4-TRICHLOROBENZENE	22.45	180	1172	0.49	UG/L #	86
84) HEXACHLOROBUTADIENE	22.65	225	971	1.08	UG/L #	82
85) NAPHTHALENE	22.70	128	3928	0.49	UG/L	90
86) 1,2,3-TRICHLOROBENZENE	22.96	180	1636	0.71	UG/L	89

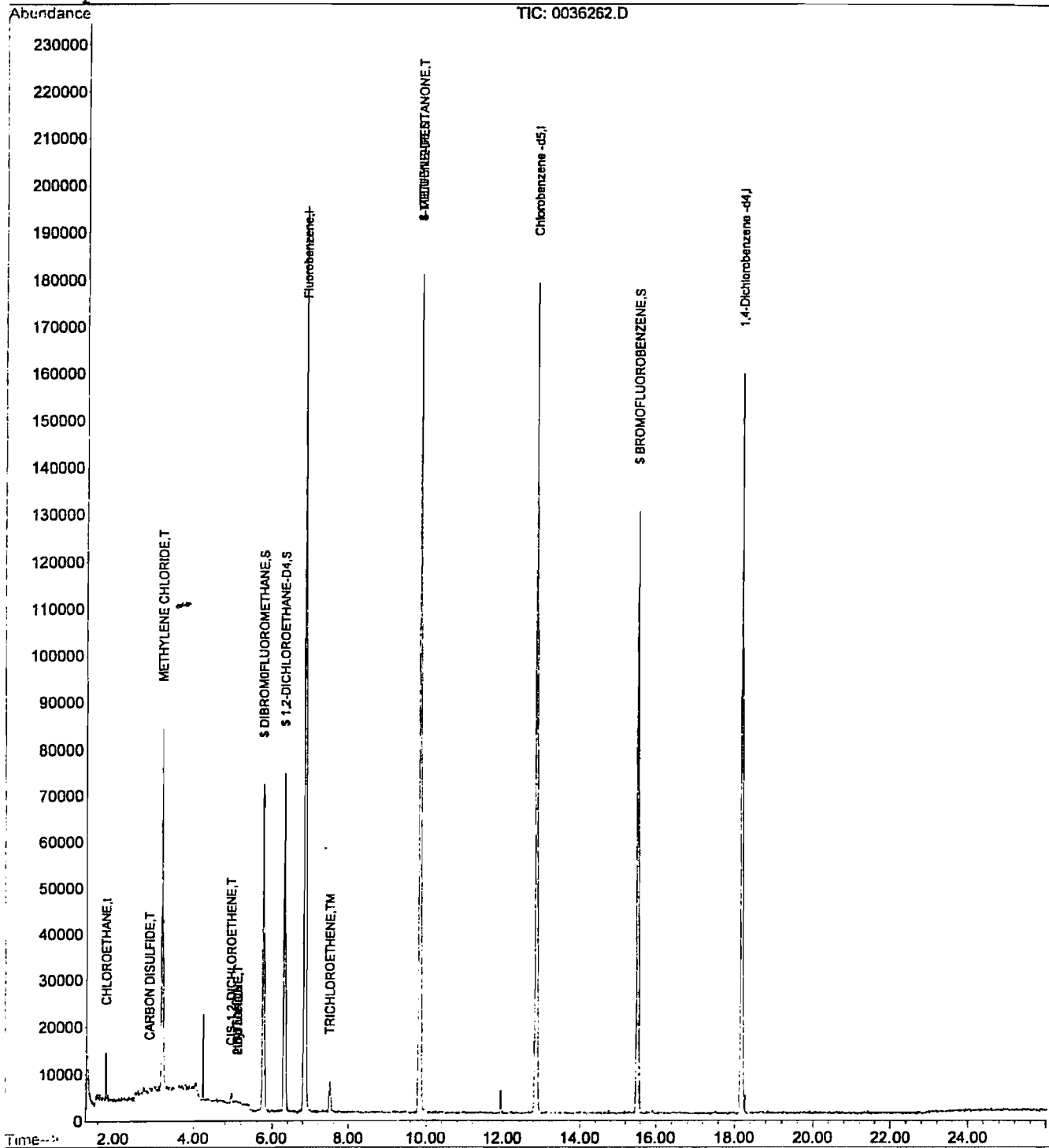
Quantitation Report

Data File : C:\HPCHEM\1\72bDATA\111506\0036262.D  
Acq On : 15 Nov 2006 1:59 pm  
Sample : 6K08031-01  
Misc : 5ML PARSONS SPDES  
MS Integration Params: rteint.p  
Quant Time: Nov 15 14:25 2006

Vial: 9  
Operator: RK/SCT  
Inst : 5972B  
Multiplr: 1.00

Quant Results File: 110606W.RES

Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
Title : VOACAP18 INTEGRATION  
Last Update : Tue Nov 07 09:13:58 2006  
Response via : Initial Calibration



Data File : C:\HPCHEM\1\72bDATA\111506\0036262.D

Vial: 9

Acq On : 15 Nov 2006 1:59 pm

Operator: RK/SCT

Sample : 6K08031-01

Inst : 5972B

Misc : 5ML PARSONS SPDES

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 15 14:25 2006

Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)

Title : VOACAP18 INTEGRATION

Last Update : Tue Nov 07 09:13:58 2006

Response via : Initial Calibration

DataAcq Meth : 110606W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Fluorobenzene	6.85	96	294174	30.00	UG/L	0.04
43) Chlorobenzene -d5	12.86	117	198746	30.00	UG/L	0.04
65) 1,4-Dichlorobenzene -d4	18.17	152	93352	30.00	UG/L	0.03

## System Monitoring Compounds

27) \$ DIBROMOFLUOROMETHANE	5.77	111	74072	31.91	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	106.37%
32) \$ 1,2-DICHLOROETHANE-D4	6.32	65	77517	33.40	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	111.33%
44) \$ TOLUENE-D8	9.83	98	218767	26.66	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	88.87%
66) \$ BROMOFLUOROBENZENE	15.52	95	87761	31.90	UG/L	0.03
Spiked Amount	30.000	Range	50 - 150	Recovery	=	106.33%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	0.00	85	0	N.D.		
3) CHLOROMETHANE	0.00	50	0	N.D.		
4) VINYL CHLORIDE	0.00	62	0	N.D.		
5) BROMOMETHANE	0.00	94	0	N.D.		
6) CHLOROETHANE	1.81	64	7346	4.10	UG/L #	49
7) TRICHLOROFLUOROMETHANE	0.00	101	0	N.D.		
8) ACROLEIN	0.00	56	0	N.D.		
9) 1,1,2-trichloro-1,2,2-trif	0.00	101	0	N.D.		
10) 1,1-DICHLOROETHENE	0.00	96	0	N.D.		
11) ACETONE	2.74	43	2019	Below Cal	#	42
12) t-butyl alcohol	0.00	59	0	N.D.		
13) idomethane	0.00	142	0	N.D.		
14) CARBON DISULFIDE	2.89	76	1554	0.21	UG/L #	26
15) METHYLENE CHLORIDE	3.20	84	46721	16.22	UG/L	98
16) ACRYLONITRILE	0.00	53	0	N.D.		
17) MTBE	0.00	73	0	N.D.		
18) TRANS-1,2-DICHLOROETHENE	0.00	96	0	N.D.		
19) 1,1-DICHLOROETHANE	0.00	63	0	N.D.		
20) VINYL ACETATE	4.06	43	110	N.D.		
21) 2-BUTANONE	5.12	43	860	0.45	UG/L #	53
22) 2,2-DICHLOROPROPANE	0.00	77	0	N.D.		
23) CIS-1,2-DICHLOROETHENE	4.96	96	1527	0.56	UG/L	96
24) ethyl acetate	5.12	43	860	0.25	UG/L #	67
25) CHLOROFORM	0.00	83	0	N.D.		
26) BROMOCHLOROMETHANE	0.00	128	0	N.D.		
28) TETRAHYDROFURAN	0.00	42	0	N.D.		
29) 1,1,1-TRICHLOROETHANE	0.00	97	0	N.D.		
30) CARBON TETRACHLORIDE	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\72bDATA\111506\0036262.D Vial: 9  
 Acq On : 15 Nov 2006 1:59 pm Operator: RK/SCT  
 Sample : 6K08031-01 Inst : 5972B  
 Misc : 5ML PARSONS SPDES Multiplr: 1.00  
 MS Integration Params: rteint.p  
 Quant Time: Nov 15 14:25 2006 Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
 Title : VOACAP18 INTEGRATION  
 Last Update : Tue Nov 07 09:13:58 2006  
 Response via : Initial Calibration  
 DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) isopropyl acetate	0.00	43	0	N.D.	
33) 1,1-DICHLOROPROPENE	0.00	75	0	N.D.	
34) BENZENE	0.00	78	0	N.D.	
35) 1,2-DICHLOROETHANE	0.00	62	0	N.D.	
36) TRICHLOROETHENE	7.50	95	4208	1.84 UG/L	96
37) 1,2-DICHLOROPROPANE	0.00	63	0	N.D.	
38) BROMODICHLOROMETHANE	0.00	83	0	N.D.	
39) dibromomethane	0.00	93	0	N.D.	
40) 2-CHLOROETHYLVINYL ETHER	0.00	63	0	N.D.	
41) 4-METHYL-2-PENTANONE	9.84	43	842	<del>0.23 UG/L</del> #	1
42) CIS-1,3-DICHLOROPROPENE	0.00	75	0	N.D.	
45) TOLUENE	0.00	92	0	N.D.	
46) TRANS-1,3-DICHLOROPROPENE	0.00	75	0	N.D.	
47) 1,1,2-TRICHLOROETHANE	0.00	83	0	N.D.	
48) 2-HEXANONE	0.00	43	0	N.D.	
49) TETRACHLOROETHENE	0.00	164	0	N.D.	
50) 1,3-DICHLOROPROPANE	0.00	76	0	N.D.	
51) n-butyl acetate	0.00	43	0	N.D.	
52) DIBROMOCHLOROMETHANE	0.00	129	0	N.D.	
53) 1,2-DIBROMOETHANE	0.00	107	0	N.D.	
54) 1-CHLOROHEXANE	0.00	91	0	N.D.	
55) CHLOROBENZENE	0.00	112	0	N.D.	
56) 1,1,1,2-TETRACHLOROETHANE	0.00	131	0	N.D.	
57) ETHYLBENZENE	0.00	91	0	N.D.	
58) M+P-XYLENES	0.00	106	0	N.D.	
59) O-XYLENE	0.00	106	0	N.D.	
60) STYRENE	0.00	104	0	N.D.	
61) n-amyl acetate	0.00	43	0	N.D.	
62) BROMOFORM	0.00	173	0	N.D.	
63) ISOPROPYLBENZENE	0.00	105	0	N.D.	
64) 1,1,2,2-TETRACHLOROETHANE	0.00	83	0	N.D.	
67) BROMOBENZENE	0.00	156	0	N.D.	
68) 1,2,3-TRICHLOROPROPANE	0.00	75	0	N.D.	
69) trans- 1,4-dichloro-2-bute	0.00	53	0	N.D.	
70) n-PROPYLBENZENE	0.00	91	0	N.D.	
71) 2-CHLOROTOLUENE	0.00	91	0	N.D.	
72) 1,3,5-TRIMETHYLBENZENE	0.00	105	0	N.D.	
73) 4-CHLOROTOLUENE	0.00	91	0	N.D.	
74) tert-BUTYLBENZENE	0.00	119	0	N.D.	
75) 1,2,4-TRIMETHYLBENZENE	0.00	105	0	N.D.	
76) sec-BUTYLBENZENE	0.00	105	0	N.D.	
77) p-ISOPROPYLTOLUENE	0.00	119	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\72bDATA\111506\0036262.D

Vial: 9

Acq On : 15 Nov 2006 1:59 pm

Operator: RK/SCT

Sample : 6K08031-01

Inst : 5972B

Misc : 5ML PARSONS SPDES

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 15 14:25 2006

Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)

Title : VOACAP18 INTEGRATION

Last Update : Tue Nov 07 09:13:58 2006

Response via : Initial Calibration

DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
78) 1,3-DICHLOROBENZENE	0.00	146	0		N.D.	
79) 1,4-DICHLOROBENZENE	0.00	146	0		N.D.	
80) n-BUTYLBENZENE	0.00	91	0		N.D.	
81) 1,2-DICHLOROBENZENE	0.00	146	0		N.D.	
82) 1,2-DIBROMO-3-CHLOROPROPAN	0.00	75	0		N.D.	
83) 1,2,4-TRICHLOROBENZENE	0.00	180	0		N.D.	
84) HEXACHLOROBUTADIENE	0.00	225	0		N.D.	
85) NAPHTHALENE	0.00	128	0		N.D.	
86) 1,2,3-TRICHLOROBENZENE	0.00	180	0		N.D.	

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(#) = qualifier out of range (m) = manual integration

0036262.D 110606W.M

Wed Nov 15 14:25:32 2006

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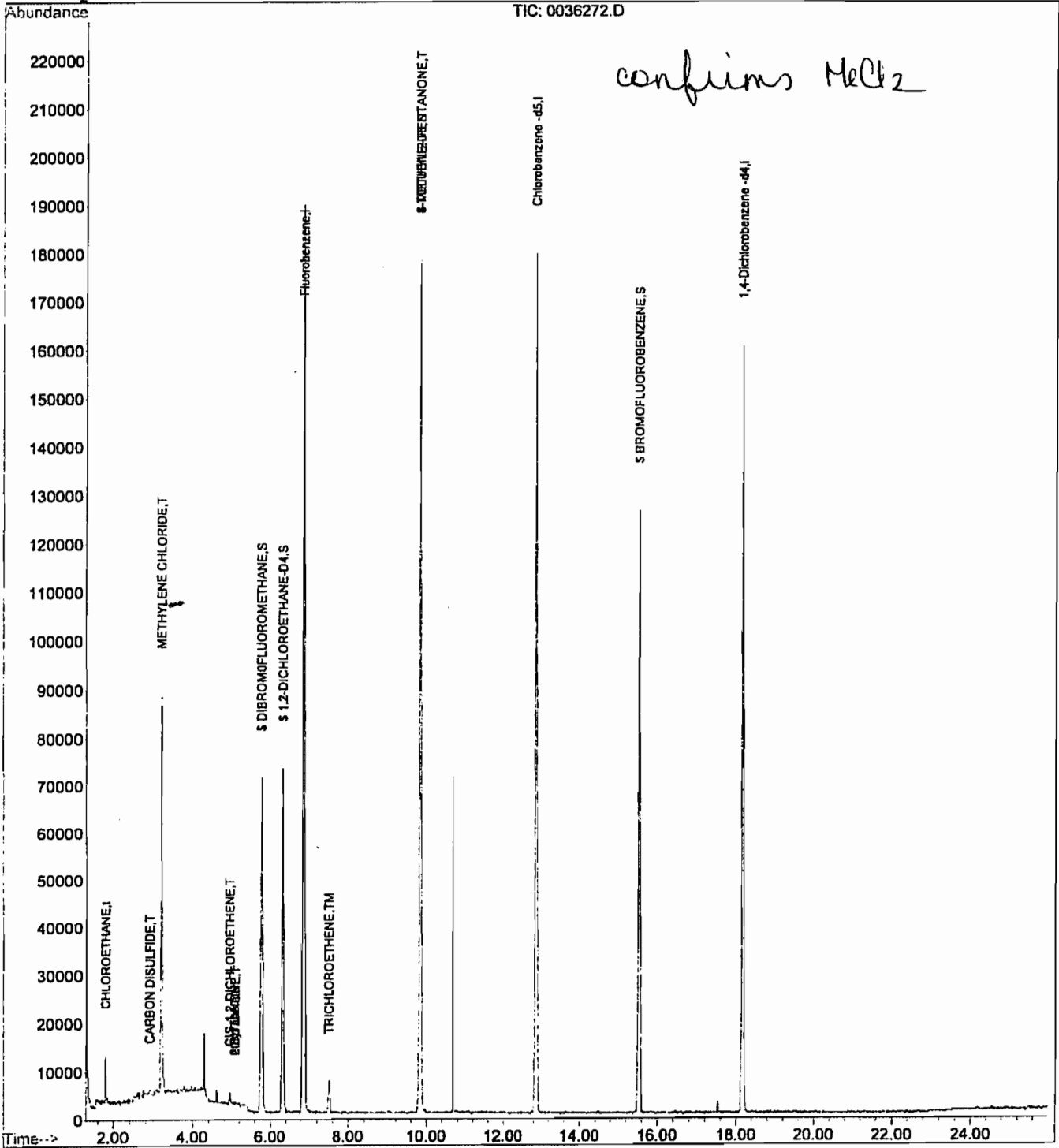
Quantitation Report

Data File : C:\HPCHEM\1\72bDATA\111506\0036272.D  
Acq On : 15 Nov 2006 7:21 pm  
Sample : 6K08031-01RE1  
Misc : 5ML FOR MECL2  
MS Integration Params: rteint.p  
Quant Time: Nov 15 19:47 2006

Vial: 19  
Operator: RK/SCT  
Inst : 5972B  
Multiplr: 1.00

Quant Results File: 110606W.RES

Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
Title : VOACAP18 INTEGRATION  
Last Update : Tue Nov 07 09:13:58 2006  
Response via : Initial Calibration



Data File : C:\HPCHEM\1\72bDATA\111506\0036272.D Vial: 19  
 Acq On : 15 Nov 2006 7:21 pm Operator: RK/SCT  
 Sample : 6K08031-01RE1 Inst : 5972B  
 Misc : 5ML FOR MECL2 Multiplr: 1.00  
 MS Integration Params: rteint.p  
 Quant Time: Nov 15 19:47 2006 Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
 Title : VOACAP18 INTEGRATION  
 Last Update : Tue Nov 07 09:13:58 2006  
 Response via : Initial Calibration  
 DataAcq Meth : 110606W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Fluorobenzene	6.85	96	288066	30.00	UG/L	0.04
43) Chlorobenzene -d5	12.86	117	196392	30.00	UG/L	0.04
65) 1,4-Dichlorobenzene -d4	18.18	152	95224	30.00	UG/L	0.04

System Monitoring Compounds

27) \$ DIBROMOFLUOROMETHANE	5.77	111	73022	32.13	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	107.10%
32) \$ 1,2-DICHLOROETHANE-D4	6.32	65	74921	32.96	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	109.87%
44) \$ TOLUENE-D8	9.83	98	214222	26.42	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	88.07%
66) \$ BROMOFLUOROBENZENE	15.53	95	85702	30.54	UG/L	0.04
Spiked Amount	30.000	Range	50 - 150	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	0.00	85	0	N.D.		
3) CHLOROMETHANE	0.00	50	0	N.D.		
4) VINYL CHLORIDE	0.00	62	0	N.D.		
5) BROMOMETHANE	0.00	94	0	N.D.		
6) CHLOROETHANE	1.81	64	7055	4.02	UG/L #	48
7) TRICHLOROFLUOROMETHANE	0.00	101	0	N.D.		
8) ACROLEIN	0.00	56	0	N.D.		
9) 1,1,2-trichloro-1,2,2-trif	0.00	101	0	N.D.		
10) 1,1-DICHLOROETHENE	0.00	96	0	N.D.		
11) ACETONE	2.74	43	1675	Below Cal	#	42
12) t-butyl alcohol	0.00	59	0	N.D.		
13) idomethane	0.00	142	0	N.D.		
14) CARBON DISULFIDE	2.89	76	1623	0.23	UG/L	92
15) METHYLENE CHLORIDE	3.20	84	46975	16.70	UG/L	97
16) ACRYLONITRILE	0.00	53	0	N.D.		
17) MTBE	0.00	73	0	N.D.		
18) TRANS-1,2-DICHLOROETHENE	0.00	96	0	N.D.		
19) 1,1-DICHLOROETHANE	0.00	63	0	N.D.		
20) VINYL ACETATE	4.27	43	126	N.D.		
21) 2-BUTANONE	5.11	43	831	0.44	UG/L #	53
22) 2,2-DICHLOROPROPANE	0.00	77	0	N.D.		
23) CIS-1,2-DICHLOROETHENE	4.96	96	1523	0.57	UG/L	90
24) ethyl acetate	5.11	43	831	0.25	UG/L #	67
25) CHLOROFORM	0.00	83	0	N.D.		
26) BROMOCHLOROMETHANE	0.00	128	0	N.D.		
28) TETRAHYDROFURAN	0.00	42	0	N.D.		
29) 1,1,1-TRICHLOROETHANE	0.00	97	0	N.D.		
30) CARBON TETRACHLORIDE	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\72bDATA\111506\0036272.D

Vial: 19

Acq On : 15 Nov 2006 7:21 pm

Operator: RK/SCT

Sample : 6K08031-01RE1

Inst : 5972B

Misc : 5ML FOR MECL2

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 15 19:47 2006

Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)

Title : VOACAP18 INTEGRATION

Last Update : Tue Nov 07 09:13:58 2006

Response via : Initial Calibration

DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
31) isopropyl acetate	0.00	43	0		N.D.	
33) 1,1-DICHLOROPROPENE	0.00	75	0		N.D.	
34) BENZENE	0.00	78	0		N.D.	
35) 1,2-DICHLOROETHANE	0.00	62	0		N.D.	
36) TRICHLOROETHENE	7.51	95	4019	1.79	UG/L	96
37) 1,2-DICHLOROPROPANE	0.00	63	0		N.D.	
38) BROMODICHLOROMETHANE	0.00	83	0		N.D.	
39) dibromomethane	0.00	93	0		N.D.	
40) 2-CHLOROETHYLVINYL ETHER	0.00	63	0		N.D.	
41) 4-METHYL-2-PENTANONE	9.83	43	949	0.27	UG/L #	1
42) CIS-1,3-DICHLOROPROPENE	0.00	75	0		N.D.	
45) TOLUENE	0.00	92	0		N.D.	
46) TRANS-1,3-DICHLOROPROPENE	0.00	75	0		N.D.	
47) 1,1,2-TRICHLOROETHANE	0.00	83	0		N.D.	
48) 2-HEXANONE	0.00	43	0		N.D.	
49) TETRACHLOROETHENE	0.00	164	0		N.D.	
50) 1,3-DICHLOROPROPANE	0.00	76	0		N.D.	
51) n-butyl acetate	0.00	43	0		N.D.	
52) DIBROMOCHLOROMETHANE	0.00	129	0		N.D.	
53) 1,2-DIBROMOETHANE	0.00	107	0		N.D.	
54) 1-CHLOROHEXANE	0.00	91	0		N.D.	
55) CHLOROBENZENE	0.00	112	0		N.D.	
56) 1,1,1,2-TETRACHLOROETHANE	0.00	131	0		N.D.	
57) ETHYLBENZENE	0.00	91	0		N.D.	
58) M+P-XYLENES	0.00	106	0		N.D.	
59) O-XYLENE	0.00	106	0		N.D.	
60) STYRENE	0.00	104	0		N.D.	
61) n-amyl acetate	0.00	43	0		N.D.	
62) BROMOFORM	0.00	173	0		N.D.	
63) ISOPROPYLBENZENE	0.00	105	0		N.D.	
64) 1,1,2,2-TETRACHLOROETHANE	0.00	83	0		N.D.	
67) BROMOBENZENE	0.00	156	0		N.D.	
68) 1,2,3-TRICHLOROPROPANE	0.00	75	0		N.D.	
69) trans- 1,4-dichloro-2-bute	0.00	53	0		N.D.	
70) n-PROPYLBENZENE	0.00	91	0		N.D.	
71) 2-CHLOROTOLUENE	0.00	91	0		N.D.	
72) 1,3,5-TRIMETHYLBENZENE	0.00	105	0		N.D.	
73) 4-CHLOROTOLUENE	0.00	91	0		N.D.	
74) tert-BUTYLBENZENE	0.00	119	0		N.D.	
75) 1,2,4-TRIMETHYLBENZENE	0.00	105	0		N.D.	
76) sec-BUTYLBENZENE	0.00	105	0		N.D.	
77) p-ISOPROPYLTOLUENE	0.00	119	0		N.D.	

(#)= qualifier out of range (m) = manual integration

0036272.D 110606W.M

Wed Nov 15 19:47:07 2006

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Data File : C:\HPCHEM\1\72bDATA\111506\0036272.D Vial: 19  
 Acq On : 15 Nov 2006 7:21 pm Operator: RK/SCT  
 Sample : 6K08031-01RE1 Inst : 5972B  
 Misc : 5ML FOR MECL2 Multiplr: 1.00  
 MS Integration Params: rteint.p  
 Quant Time: Nov 15 19:47 2006 Quant Results File: 110606W.RES

Quant Method : C:\HPCHEM\1\METHODS\110606W.M (RTE Integrator)  
 Title : VOACAP18 INTEGRATION  
 Last Update : Tue Nov 07 09:13:58 2006  
 Response via : Initial Calibration  
 DataAcq Meth : 110606W

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
78) 1,3-DICHLORO BENZENE	0.00	146	0		N.D.	
79) 1,4-DICHLORO BENZENE	0.00	146	0		N.D.	
80) n-BUTYL BENZENE	0.00	91	0		N.D.	
81) 1,2-DICHLORO BENZENE	0.00	146	0		N.D.	
82) 1,2-DIBROMO-3-CHLOROPROPAN	0.00	75	0		N.D.	
83) 1,2,4-TRICHLORO BENZENE	0.00	180	0		N.D.	
84) HEXACHLORO BUTADIENE	0.00	225	0		N.D.	
85) NAPHTHALENE	22.71	128	449		N.D.	
86) 1,2,3-TRICHLORO BENZENE	0.00	180	0		N.D.	

Parsons Engineering  
180 Lawrence Bell Drive, Suite 10  
Williamsville NY, 14221

Project: Bi-Monthly SPDES Sanborn, NY  
Project Number: Former Carborundum Facility SPDES  
Project Manager: Mark Raybuck

Reported:  
12/01/06 09:31

**Volatile Organic Compounds by EPA Method 8260B  
Waste Stream Technology Inc.**

Analyte	Result	Reporting		Units	Dilution	Prepared	Analyzed	Method	Analyst	Notes
		Limit	Limit							
<b>Outfall 01A (6K15023-01) Water</b> <b>Sampled: 11/15/06 08:00</b> <b>Received: 11/15/06 12:55</b>										
vinyl chloride	ND	1	ug/l	1	11/20/06	11/20/06 12:54	EPA 8260B	SCT	U	
1,1-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
methylene chloride	ND	2	"	"	"	"	"	SCT	U	
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
1,1-dichloroethane	ND	1	"	"	"	"	"	SCT	U	
cis-1,2-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
chloroform	ND	1	"	"	"	"	"	SCT	U	
1,1,1-trichloroethane	ND	1	"	"	"	"	"	SCT	U	
1,2-dichloroethane	ND	1	"	"	"	"	"	SCT	U	
trichloroethene	2	1	"	"	"	"	"	SCT		
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	74-117	"	"	"	"	SCT		
<i>Surrogate: Toluene-d8</i>		96.7 %	82-123	"	"	"	"	SCT		
<i>Surrogate: Bromofluorobenzene</i>		89.3 %	85-123	"	"	"	"	SCT		
<b>Trip Blank (6K15023-02) Water</b> <b>Sampled: 11/15/06 00:00</b> <b>Received: 11/15/06 12:55</b>										
vinyl chloride	ND	1	ug/l	1	11/20/06	11/20/06 12:23	EPA 8260B	SCT	U	
1,1-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
methylene chloride	3	2	"	"	"	"	"	SCT		
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
1,1-dichloroethane	ND	1	"	"	"	"	"	SCT	U	
cis-1,2-dichloroethene	ND	1	"	"	"	"	"	SCT	U	
chloroform	ND	1	"	"	"	"	"	SCT	U	
1,1,1-trichloroethane	ND	1	"	"	"	"	"	SCT	U	
1,2-dichloroethane	ND	1	"	"	"	"	"	SCT	U	
trichloroethene	ND	1	"	"	"	"	"	SCT	U	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.7 %	74-117	"	"	"	"	SCT		
<i>Surrogate: Toluene-d8</i>		98.7 %	82-123	"	"	"	"	SCT		
<i>Surrogate: Bromofluorobenzene</i>		92.3 %	85-123	"	"	"	"	SCT		

Parsons Engineering  
180 Lawrence Bell Drive, Suite 10  
Williamsville NY, 14221

Project: Weekly SPDES Sanborn, NY  
Project Number: Former Carborundum Facility SPDES  
Project Manager: Mark Raybuck

Reported:  
11/22/06 11:37

**Volatile Organic Compounds by EPA Method 8260B  
Waste Stream Technology Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Outfall 01A (6K08031-01) Water</b> <b>Sampled: 11/08/06 08:00</b> <b>Received: 11/08/06 12:35</b>									
vinyl chloride	ND	1	ug/l	1	AK61505	11/14/06	11/15/06	EPA 8260B	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
methylene chloride	16	2	"	"	"	"	"	"	B
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
chloroform	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	1	"	"	"	"	"	"	U
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	2	1	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %		74-117	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		89.0 %		82-123	"	"	"	"	
<i>Surrogate: Bromofluorobenzene</i>		106 %		85-123	"	"	"	"	
<b>Trip Blank (6K08031-02) Water</b> <b>Sampled: 11/08/06 08:00</b> <b>Received: 11/08/06 12:35</b>									
vinyl chloride	ND	1	ug/l	1	AK61505	11/14/06	11/15/06	EPA 8260B	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
chloroform	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	1	"	"	"	"	"	"	U
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	ND	1	"	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %		74-117	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %		82-123	"	"	"	"	
<i>Surrogate: Bromofluorobenzene</i>		111 %		85-123	"	"	"	"	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ME: FORMER CARBORUNDUM COMPLEX  
DRESS: 2040 CORY ROAD  
SANBORN, NY 14132  
CILITY: FORMER CARBORUNDUM COMPLEX  
CATION: 2040 CORY ROAD  
SANBORN, NY 14132  
TN: WILLIAM BARBER, PROJ MGR

PERMIT NUMBER  
NY0001988

DISCHARGE NUMBER  
01AM

DMR MAILING ZIP CODE: 441251079  
MAJOR (SUBR09)  
GROUNDWATER TREATMENT SYSTEM  
External Outfall

MONITORING PERIOD			
YEAR	MO	DAY	
06	11	01	TO
	06	11	30

No Data Indicator

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Temperature, water deg. Fahrenheit	.....		.....	58.64	deg F	60.6	0	01/30	GR
311 10 luent Gross	.....		.....	Req. Mon. DAILY AV	deg F	90 DAILY MX		Once Per Month	GRAB
Flow rate	42,160	gal/d	.....	.....		.....	0	99/99	MS
356 10 luent Gross	Req. Mon. DAILY AV	864000 DAILY MX	gal/d	.....		.....		Continuous	MEASRD
310 10 luent Gross	.....		gal/d	< 4.0		< 4.0	0	02/30	24
400 10 luent Gross	.....		.....	5 DAILY AV		30 DAILY MX	0	Twice Per Month	COMP24
530 10 luent Gross	.....		.....	8.12		8.18	0	01/07	GR
530 10 luent Gross	.....		.....	MINIMUM		MAXIMUM		Weekly	GRAB
530 10 luent Gross	.....		.....	< 4.0		< 4.0	0	02/30	24
530 10 luent Gross	.....		.....	20 DAILY AV		40 DAILY MX	0	Twice Per Month	COMP
530 10 luent Gross	.....		.....	< 5.0		< 5.0	0	02/30	GR
530 10 luent Gross	.....		.....	Req. Mon. AVERAGE		15 DAILY MX		Twice Per Month	GRAB
530 10 luent Gross	.....		.....	< 10.0		< 10.0	0	01/30	24
530 10 luent Gross	.....		.....	Req. Mon. DAILY AV		60 DAILY MX		Once Per Month	COMP24

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*William Barber*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
TYPED OR PRINTED  
WILLIAM BARBER  
PROJECT MANAGER

TELEPHONE  
216 271-8038

DATE  
2006 12 14

REMARKS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ME: FORMER CARBORUNDUM COMPLEX  
DRESS: 2040 CORY ROAD  
SANBORN, NY 14132

CILITY: FORMER CARBORUNDUM COMPLEX  
CATION: 2040 CORY ROAD  
SANBORN, NY 14132

TN: WILLIAM BARBER, PROJ MGR

NY0001988  
PERMIT NUMBER

01AM  
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 441251079  
MAJOR (SUBR09)  
GROUNDWATER TREATMENT SYSTEM  
External Outfall

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
06	11	01	06	11	30

FROM

No Data Indicator

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
enic, total (as As)	SAMPLE MEASUREMENT	*****	*****	< 9.0	< 9.0	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	190 DAILY MX	ug/L		Once Per Month	COMP24
dmium, total (as Cd)	SAMPLE MEASUREMENT	*****	*****	< 1.0	< 1.0	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	10 DAILY MX	ug/L		Once Per Month	COMP24
ormium, total (as Cr)	SAMPLE MEASUREMENT	*****	*****	< 5.0	< 5.0	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	50 DAILY MX	ug/L		Once Per Month	COMP24
pper, dissolved (as Cu)	SAMPLE MEASUREMENT	*****	*****	48	48	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	Req. Mon. DAILY MX	ug/L		Once Per Month	COMP24
pper, total (as Cu)	SAMPLE MEASUREMENT	*****	*****	11.0	11.0	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	32 DAILY MX	ug/L		Once Per Month	COMP24
n, total (as Fe)	SAMPLE MEASUREMENT	*****	*****	< 0.083	< 0.083	mg/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	4 DAILY MX	mg/L		Once Per Month	COMP24
ad, total (as Pb)	SAMPLE MEASUREMENT	*****	*****	< 15	< 15	ug/L	0	01/30	24
	PERMIT REQUIREMENT	*****	*****	Req. Mon. DAILY AV	50 DAILY MX	ug/L		Once Per Month	COMP24
51 10 luent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>William B. Barber</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>William B. Barber</i>	TELEPHONE 214-271-8038	DATE			
			YEAR 2006	MO 12		
TYPED OR PRINTED		AREA Code	NUMBER	YEAR	MO	DAY
						14

MENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ME: FORMER CARBORUNDUM COMPLEX  
DRESS: 2040 CORY ROAD  
SANBORN, NY 14132  
CILITY: FORMER CARBORUNDUM COMPLEX  
CATION: 2040 CORY ROAD  
SANBORN, NY 14132  
TN: WILLIAM BARBER, PROJ MGR

NY0001988  
PERMIT NUMBER

01AM  
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 441251079  
MAJOR (SUBR09)  
GROUNDWATER TREATMENT SYSTEM  
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
06	11	01	TO	06	11	30

FROM

TO

No Data Indicator

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
c, dissolved (as Zn)	*****	*****	0.748	*****	mg/L	0.748	0	Once Per Month	24
390 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	mg/L	Req. Mon. DAILY MX	0	Once Per Month	COMP24
c, total (as Zn)	*****	*****	0.851	*****	mg/L	0.851	0	Once Per Month	24
392 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	mg/L	5 DAILY MX	0	Once Per Month	COMP24
-Dichloroethane	*****	*****	<1.0	*****	ug/L	<1.0	0	Weekly	24
103 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	ug/L	10 DAILY MX	0	Weekly	COMP24
loroform	*****	*****	<1.0	*****	ug/L	<1.0	0	Weekly	24
106 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	ug/L	10 DAILY MX	0	Weekly	COMP24
ethylene chloride	*****	*****	6.5-5 4.8	*****	ug/L	16.0	1	Weekly	24
423 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	ug/L	10 DAILY MX	0	Weekly	COMP24
-Dichloroethane	*****	*****	<1.0	*****	ug/L	<1.0	0	Weekly	24
496 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	ug/L	10 DAILY MX	0	Weekly	COMP24
-Dichloroethylene	*****	*****	<1.0	*****	ug/L	<1.0	0	Weekly	24
501 10 luent Gross	*****	*****	Req. Mon. DAILY AV	*****	ug/L	10 DAILY MX	0	Weekly	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>William S. Barber</i> PROJECT MANAGER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>William S. Barber</i>	TELEPHONE	DATE
		24.271-9038	2006 12 14
TYPED OR PRINTED	AREA CODE	NUMBER	YEAR
			MO
			DAY

STATEMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ME: FORMER CARBORUNDUM COMPLEX  
DRESS: 2040 CORY ROAD  
SANBORN, NY 14132

NY0001988	01AM
PERMIT NUMBER	DISCHARGE NUMBER

DMR MAILING ZIP CODE: 441251079

MAJOR (SUBR09)  
GROUNDWATER TREATMENT SYSTEM  
External Outfall

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
06	11	01	06	11	30

FROM TO

TN: WILLIAM BARBER, PROJ MGR

No Data Indicator

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
1-Trichloroethane	*****		*****	< 1.0	ug/L	< 1.0	0	01/07	24
506 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	10 DAILY MX		Weekly	COMP24
trans-Dichloroethylene	*****		*****	< 1.0	ug/L	< 1.0	0	01/07	24
546 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	10 DAILY MX		Weekly	COMP24
yl chloride	*****		*****	< 1.0	ug/L	< 1.0	0	02/30	24
175 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	10 DAILY MX		Twice Per Month	COMP24
ends	*****		*****	< 5	ug/L	< 5		02/30	24
300 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	8 DAILY MX		Twice Per Month	COMP24
lorine, total residual	*****		*****	< 0.22	mg/L	< 0.22		01/07	GR
360 10 luent Gross	*****		*****	Req. Mon. DAILY AV	mg/L	5 DAILY MX		Once Per Month	GR
cury, total (as Hg)	*****		*****	< 0.2	ug/L	< 0.2	0	01/07	24
300 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	8 DAILY MX		Once Per Month	COMP24
chloroethene	*****		*****	2.0	ug/L	2.0	0	01/07	24
391 10 luent Gross	*****		*****	Req. Mon. DAILY AV	ug/L	10 DAILY MX		Weekly	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>William B. Barber</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>William B. Barber</i>	TELEPHONE	DATE
		210.271.8038	2006 12 14
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 persons or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true and accurate. I am not aware of any falsification of the information submitted and I am not aware of any person who has furnished false information. I am not aware of any person who has attempted to obstruct or interfere with the investigation of this report. I am not aware of any person who has attempted to falsify or tamper with this report or its attachments. I am not aware of any person who has attempted to obstruct or interfere with the investigation of this report.		AREA Code	NUMBER
		210	271.8038

REMARKS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

MITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ME: FORMER CARBORUNDUM COMPLEX  
DRESS: 2040 CORY ROAD  
SANBORN, NY 14132  
CILITY: FORMER CARBORUNDUM COMPLEX  
CATION: 2040 CORY ROAD  
SANBORN, NY 14132  
TN: WILLIAM BARBER, PROJ MGR

NY0001988  
PERMIT NUMBER

01AM  
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 441251079  
MAJOR (SUBR09)  
GROUNDWATER TREATMENT SYSTEM  
External Outfall

No Data Indicator

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
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FROM TO

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS			
cis-Dichloroethylene 574 10 luent Gross	*****		< 1.0	< 1.0	ug/L	0	01/07	24
	*****		Req. Mon. DAILY AV	10 DAILY MIX	ug/L		Weekly	COMP24

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 analyze the information submitted and that the information submitted herein is 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.

NAME/TITLE: WILLIAM BARBER  
PRINCIPAL EXECUTIVE OFFICER  
TYPED OR PRINTED: WILLIAM BARBER  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
TELEPHONE: 216.271.8058  
DATE: 2006 12 14  
AREA Code NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)