Letter of bvTransmittal

COTEAU ENVIRONMENTAL
728 James Circle Drive SW
Alexandria, MN 56308
Phone/Fax (320) 846-4668
Home Office Phone: 1-888-781-0272

To: Ms. Amy Ness
MPCA
520 Lafayette Road North
St. Paul, MN 55155

RE: Information provided to MPCA #14698

WE ARE SENDING YOU ■ Attached ☐ Under separate cover via _____ the following items:

☐ Copy of report ☐ Copy of work plan ☐ Copy of invoice
☐ Copy of correspondence

COPIES	DATE	NO.	DESCRIPTION

THESE ARE TRANSMITTED as checked below:

☐ For review ☐ Approved as submitted ☐ Resubmit_____copies for approval
☐ For your use ☐ Approved as noted ☐ Submit_____copies for distribution
☐ As requested ☐ Returned for correction ☐ Return_____corrected prints
☐ For review and comment ☐ _____
☐ FOR BID DUE_____ 20_____

Remarks:

Amy:

Enclosed is information as requested.

If you have any questions, feel free to give me a call.

COPY TO _____

SIGNED M. C. A. DATE 3/11/08

If enclosures are not as noted, kindly notify us at once.

RECEIVED
MAR 17 2008
MPCA - BRAINERD
BAXTER, MN

CLIENT: FORMER KC KWICK STOP

LOCATION: BROOTEN, MN

FLUID LEVEL SHEET

DATE 2/8/08

NAME SDJ

WELL NUMBER	TOC ELEV.	REF. POINT	MEAS. POINT	DEPTH TO PRODUCT	REF. POINT	MEAS. POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV. DEPTH TO WATER	ORDER	WELL NUMBER
MW-01							10.97		19.93	10.21		MW-01
MW-02							13.65		22.16	12.90		MW-02
MW-03							13.88		22.42	13.08	3	MW-03
MW-04							14.00		21.83	13.21	2	MW-04
MW-05							10.85		19.20	10.06	4	MW-05
MW-06							11.38		19.64	10.58	1	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS:

WATER SAMPLING DATA

DATE:	2/8/08
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.42
DEPTH TO WATER:	13.88
COLUMN LENGTH:	8.54
WELL VOLUME:	1.37
TOTAL VOLUME REMOVED:	7
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, 20°S
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1640

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2/8/08
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	14.00
COLUMN LENGTH:	7.83
WELL VOLUME:	1.25
TOTAL VOLUME REMOVED:	6.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, 20°S
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1545

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2/8/08
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	10.85
COLUMN LENGTH:	8.35
WELL VOLUME:	1.34
TOTAL VOLUME REMOVED:	6.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, 20°S
SAMPLE DESCRIPTION:	LIGHT GRAY, STRONG ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1732

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2/8/08
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	11.38
COLUMN LENGTH:	8.26
WELL VOLUME:	1.32
TOTAL VOLUME REMOVED:	6.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, 20°S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1452

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Page: of

1157449

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company:	Report To:	Attention
Address	Copy To	Company Name
		Address
Email To:	Purchase Order No..	Pace Quote Reference
Phone / Fax	Project Name	Pace Project Manager
Requested Due Date/TAT:	Project Number	Pace Profile #

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

4

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1 5% per month for any invoices not paid within 30 days

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1121575

Section A Required Client Information.	Section B Required Project Information	Section C Invoice Information
Company	Report To:	Attention
Address	Copy To:	Company Name
		Address
Email To	Purchase Order No..	Pace Quote Reference
Phone / Fax	Project Name	Pace Project Manager
Requested Due Date/TAT:	Project Number	Pace Profile #

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location
STATE: _____

Requested Analysis Filtered (Y/N)

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N ↓ Analysis Test ↓	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
			1700							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

4

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

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

February 21, 2008

Scott Hunke
Coteau Environmental
728 James Circle Drive SW
Alexandria, MN 56308

RE: Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Dear Scott Hunke:
Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 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,

Paul Kirchberg

paul.kirchberg@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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SAMPLE SUMMARY

Project KC KWIK STOP - BROOTEN, MN
Pace Project No. 1068134

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1068134001	MW-06	Water	02/08/08 14:52	02/14/08 11:58
1068134002	MW-04	Water	02/08/08 15:45	02/14/08 11:58
1068134003	MW-03	Water	02/08/08 16:40	02/14/08 11:58
1068134004	MW-05	Water	02/08/08 17 32	02/14/08 11:58
1068134005	MW-07	Water	02/08/08 17:40	02/14/08 11:58
1068134006	TRIP BLANK	Water	02/08/08 00:00	02/14/08 11:58

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SAMPLE ANALYTE COUNT

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Lab ID	Sample ID	Method	Analysts	Analytes Reported
1068134001	MW-06	TPH WI GRO/PVOC 8021	CNC	6
1068134002	MW-04	TPH WI GRO/PVOC 8021	CNC	6
1068134003	MW-03	TPH WI GRO/PVOC 8021	CNC	6
1068134004	MW-05	TPH WI GRO/PVOC 8021	MJH	6
1068134005	MW-07	TPH WI GRO/PVOC 8021	MJH	6
1068134006	TRIP BLANK	TPH WI GRO/PVOC 8021	MJH	6

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: MW-06 **Lab ID: 1068134001** Collected: 02/08/08 14:52 Received: 02/14/08 11:58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	ND	ppb	1.0	1		02/18/08 15:32	71-43-2	
Ethylbenzene	ND	ppb	1.0	1		02/18/08 15:32	100-41-4	
Gasoline Range Organics	ND	ppb	100	1		02/18/08 15:32		
Toluene	ND	ppb	1.0	1		02/18/08 15:32	108-88-3	
Xylene (Total)	ND	ppb	3.0	1		02/18/08 15:32	1330-20-7	
a,a,a-Trifluorotoluene (S)	99	%	80-141	1		02/18/08 15:32	98-08-8	

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: MW-04 **Lab ID: 1068134002** Collected: 02/08/08 15:45 Received: 02/14/08 11.58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	ND	ppb	1.0	1		02/18/08 16.23	71-43-2	
Ethylbenzene	**1.4**	ppb	1.0	1		02/18/08 16:23	100-41-4	
Gasoline Range Organics	**205**	ppb	100	1		02/18/08 16:23		
Toluene	**2.2**	ppb	1.0	1		02/18/08 16:23	108-88-3	
Xylene (Total)	ND	ppb	3.0	1		02/18/08 16:23	1330-20-7	
a,a,a-Trifluorotoluene (S)	97	%	80-141	1		02/18/08 16:23	98-08-8	

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: MW-03 **Lab ID: 1068134003** Collected: 02/08/08 16:40 Received: 02/14/08 11:58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	ND	ppb	1.0	1		02/18/08 15:58	71-43-2	
Ethylbenzene	**4.8**	ppb	1.0	1		02/18/08 15:58	100-41-4	
Gasoline Range Organics	ND	ppb	100	1		02/18/08 15:58		
Toluene	**2.5**	ppb	1.0	1		02/18/08 15:58	108-88-3	
Xylene (Total)	**10.9**	ppb	3.0	1		02/18/08 15:58	1330-20-7	
a,a,a-Trifluorotoluene (S)	101	%	80-141	1		02/18/08 15:58	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: MW-05 **Lab ID: 1068134004** Collected: 02/08/08 17:32 Received: 02/14/08 11:58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	**379**	ppb	50.0	50		02/20/08 03:47	71-43-2	
Ethylbenzene	**1030**	ppb	50.0	50		02/20/08 03:47	100-41-4	
Gasoline Range Organics	**19400**	ppb	5000	50		02/20/08 03:47		
Toluene	**7250**	ppb	50.0	50		02/20/08 03:47	108-88-3	
Xylene (Total)	**4140**	ppb	150	50		02/20/08 03:47	1330-20-7	
a,a,a-Trifluorotoluene (S)	98	%	80-141	50		02/20/08 03:47	98-08-8	

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: MW-07 **Lab ID: 1068134005** Collected: 02/08/08 17:40 Received: 02/14/08 11:58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	**445**	ppb	50.0	50		02/20/08 04:11	71-43-2	
Ethylbenzene	**1130**	ppb	50.0	50		02/20/08 04:11	100-41-4	
Gasoline Range Organics	**21500**	ppb	5000	50		02/20/08 04:11		
Toluene	**8120**	ppb	50.0	50		02/20/08 04:11	108-88-3	
Xylene (Total)	**4610**	ppb	150	50		02/20/08 04:11	1330-20-7	
a,a,a-Trifluorotoluene (S)	99	%	80-141	50		02/20/08 04:11	98-08-8	

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

Sample: TRIP BLANK **Lab ID: 1068134006** Collected: 02/08/08 00:00 Received: 02/14/08 11:58 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: TPH WI GRO/PVOC 8021							
Benzene	ND	ppb	1.0	1		02/19/08 19:18	71-43-2	
Ethylbenzene	ND	ppb	1.0	1		02/19/08 19:18	100-41-4	
Gasoline Range Organics	ND	ppb	100	1		02/19/08 19:18		
Toluene	ND	ppb	1.0	1		02/19/08 19:18	108-88-3	
Xylene (Total)	ND	ppb	3.0	1		02/19/08 19:18	1330-20-7	
a,a,a-Trifluorotoluene (S)	97	%	80-141	1		02/19/08 19:18	98-08-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

QC Batch: GCV/4845 Analysis Method. TPH WI GRO/PVOC 8021
QC Batch Method: TPH WI GRO/PVOC 8021 Analysis Description: WIGRO GCV Water
Associated Lab Samples: 1068134001, 1068134002, 1068134003

METHOD BLANK: 444209
Associated Lab Samples: 1068134001, 1068134002, 1068134003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ppb	ND	1.0	
Ethylbenzene	ppb	ND	1.0	
Gasoline Range Organics	ppb	ND	100	
Toluene	ppb	ND	1.0	
Xylene (Total)	ppb	ND	3.0	
a,a,a-Trifluorotoluene (S)	%	97	80-141	

LABORATORY CONTROL SAMPLE & LCSD: 444210 444211

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ppb	100	104	101	104	101	80-120	3	20	
Ethylbenzene	ppb	100	101	98.0	101	98	80-120	3	20	
Gasoline Range Organics	ppb	1000	1060	1050	106	105	80-120	1	20	
Toluene	ppb	100	99.9	96.2	100	96	80-120	4	20	
Xylene (Total)	ppb	300	302	297	101	99	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				102	98	80-141			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 444212 444213

Parameter	Units	1068195009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ppb	117 ug/L	200	200	279	266	81	74	80-120	5	20	M1
Ethylbenzene	ppb	16.5 ug/L	200	200	186	173	85	78	80-120	8	20	M1
Gasoline Range Organics	ppb	4100 ug/L	2000	2000	5080	5350	49	63	80-120	5	20	M1
Toluene	ppb	15 2 ug/L	200	200	187	174	86	80	80-120	7	20	
Xylene (Total)	ppb	25.1 ug/L	600	600	539	501	86	79	80-120	7	20	M1
a,a,a-Trifluorotoluene (S)	%						88	85	80-141			D3,T6

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(612)607-1700

QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

QC Batch: GCV/4851 Analysis Method: TPH WI GRO/PVOC 8021
QC Batch Method: TPH WI GRO/PVOC 8021 Analysis Description: WIGRO GCV Water
Associated Lab Samples: 1068134004, 1068134005, 1068134006

METHOD BLANK: 444488
Associated Lab Samples: 1068134004, 1068134005, 1068134006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ppb	ND	1.0	
Ethylbenzene	ppb	ND	1.0	
Gasoline Range Organics	ppb	ND	100	
Toluene	ppb	ND	1.0	
Xylene (Total)	ppb	ND	3.0	
a,a,a-Trifluorotoluene (S)	%	95	80-141	

LABORATORY CONTROL SAMPLE & LCSD: 444489 444490

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ppb	100	106	102	106	102	80-120	3	20	
Ethylbenzene	ppb	100	103	98.5	103	98	80-120	5	20	
Gasoline Range Organics	ppb	1000	1080	1030	108	103	80-120	4	20	
Toluene	ppb	100	102	98.1	102	98	80-120	4	20	
Xylene (Total)	ppb	300	310	295	103	98	80-120	5	20	
a,a,a-Trifluorotoluene (S)	%				101	100	80-141			

MATRIX SPIKE SAMPLE: 444793

Parameter	Units	1068275003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ppb	5.6 ug/L	100	111	106	80-120	
Ethylbenzene	ppb	ND	100	103	103	80-120	
Gasoline Range Organics	ppb	ND	1000	1100	109	80-120	
Toluene	ppb	ND	100	102	102	80-120	
Xylene (Total)	ppb	ND	300	307	102	80-120	
a,a,a-Trifluorotoluene (S)	%				100	80-141	

SAMPLE DUPLICATE: 444794

Parameter	Units	1068275004 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ppb	2.1 ug/L	2.2	5	30	
Ethylbenzene	ppb	1.0 ug/L	1.1	9	30	
Gasoline Range Organics	ppb	332 ug/L	383	14	30	
Toluene	ppb	8.8 ug/L	10.8	20	30	
Xylene (Total)	ppb	ND	ND	0	30	
a,a,a-Trifluorotoluene (S)	%	94	94	.2		T6

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

QUALIFIERS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068134

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
T6	High boiling point hydrocarbons are present in the sample.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

1068134

Page: of

1157449

Section A Required Client Information		Section B Required Project Information		Section C Invoice Information	
Company	COTEAU ENVIRONMENTAL	Report To	COTEAU	Attention	SCOTT
Address	728 JAMES CIRCLE DR	Copy To	COTEAU	Company Name	COTEAU
	ALEXANDRIA, MN 56308			Address	
Email To		Purchase Order No		Pace Quote Reference	
Phone	320-815-0474 Fax	Project Name	RC KWIK STOP	Pace Project Manager	
Requested Due Date/TAT:		Project Number	BROOTEN, MN	Pace Profile #	

REGULATORY AGENCY

- NPDES
- GROUND WATER
- DRINKING WATER
- UST
- RCRA
- OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): BTEX Y, GRO Y

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	BTEX	GRO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-06	WT	G	2/8/08	1452				3				✓					✓	✓		1068134001
2	MW-04	↓	↓	↓	1545				3				✓					✓	✓		002
3	MW-03	↓	↓	↓	1640				3				✓					✓	✓		003
4	MW-05	↓	↓	↓	1732				3				✓					✓	✓		004
5	MW-07	↓	↓	↓	1740				3				✓					✓	✓		005
6	TRIP BLANK	↓							2									✓	✓ 2/14/08		006
7	TEMP BLANK	↓							1												
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	2/11/08	1700	[signature]	2/14/08	1110				
	[signature]	2/14/08	1158	[signature] / Pace	2/14/08	1158	1.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SCOTT HUNKE

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/11/08

ORIGINAL

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

F-ALL-Q-020rev.07, 15-May-2007

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

February 21, 2008

Scott Hunke
Coteau Environmental
728 James Circle Drive SW
Alexandria, MN 56308

RE: Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

Dear Scott Hunke:
Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 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,

Paul Kirchberg

paul.kirchberg@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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SAMPLE SUMMARY

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No : 1068128

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1068128001	110 WESTERN AVE (BASEMENT)	Air	02/09/08 14:00	02/14/08 11.58

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SAMPLE ANALYTE COUNT

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

Lab ID	Sample ID	Method	Analysts	Analytes Reported
1068128001	**110 WESTERN AVE (BASEMENT)**	TO-15	LCW	60

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PROJECT NARRATIVE

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

Method: TO-15
Description: TO15 MSV AIR
Client: Coteau Environmental
Date: February 21, 2008

General Information:
1 sample was analyzed for TO-15. 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.

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.

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

QC Batch: AIR/6565

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- DUP (Lab ID: 444723)
  - Acetone

Additional Comments:

Sample Comments:

K2: The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).
- 110 WESTERN AVE (BASEMENT) (Lab ID: 1068128001)

Analyte Comments:

QC Batch: AIR/6565

E: Analyte concentration exceeded the calibration range. The reported result is estimated.
- 110 WESTERN AVE (BASEMENT) (Lab ID: 1068128001)
  - Ethanol

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

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.. 1068128

Sample: 110 WESTERN AVE (BASEMENT) **Lab ID: 1068128001** Collected: 02/09/08 14:00 Received: 02/14/08 11.58 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**29.0**	ug/m3	0.66	1.38		02/20/08 05:46	67-64-1	
Benzene	**1.0**	ug/m3	0.90	1.38		02/20/08 05:46	71-43-2	
Bromodichloromethane	ND	ug/m3	1 9	1.38		02/20/08 05:46	75-27-4	
Bromoform	ND	ug/m3	2.9	1.38		02/20/08 05:46	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.38		02/20/08 05:46	74-83-9	
1,3-Butadiene	ND	ug/m3	0.62	1.38		02/20/08 05.46	106-99-0	
2-Butanone (MEK)	**5.0**	ug/m3	0.83	1.38		02/20/08 05 46	78-93-3	
Carbon disulfide	ND	ug/m3	0 87	1.38		02/20/08 05:46	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	1.38		02/20/08 05.46	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.38		02/20/08 05:46	108-90-7	
Chloroethane	ND	ug/m3	0.75	1.38		02/20/08 05:46	75-00-3	
Chloroform	ND	ug/m3	1.4	1.38		02/20/08 05:46	67-66-3	
Chloromethane	ND	ug/m3	0.58	1.38		02/20/08 05:46	74-87-3	
Cyclohexane	ND	ug/m3	0.94	1.38		02/20/08 05:46	110-82-7	
Dibromochloromethane	ND	ug/m3	2.3	1.38		02/20/08 05:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2 2	1.38		02/20/08 05:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	1.38		02/20/08 05:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	1.38		02/20/08 05.46	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.7	1.38		02/20/08 05:46	106-46-7	
Dichlorodifluoromethane	**1.9**	ug/m3	1 4	1.38		02/20/08 05:46	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.1	1.38		02/20/08 05 46	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.1	1.38		02/20/08 05:46	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	1.38		02/20/08 05:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		02/20/08 05:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		02/20/08 05:46	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	1.38		02/20/08 05:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.38		02/20/08 05:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.38		02/20/08 05:46	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1 9	1.38		02/20/08 05:46	76-14-2	
Ethanol	**414**	ug/m3	2.6	1.38		02/20/08 05:46	64-17-5	E
Ethyl acetate	**4.6**	ug/m3	1 0	1.38		02/20/08 05.46	141-78-6	
Ethylbenzene	**2.4**	ug/m3	1.2	1.38		02/20/08 05.46	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.4	1.38		02/20/08 05.46	622-96-8	
n-Heptane	ND	ug/m3	1.1	1.38		02/20/08 05:46	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.0	1.38		02/20/08 05:46	87-68-3	
n-Hexane	**4.6**	ug/m3	0.99	1.38		02/20/08 05 46	110-54-3	
2-Hexanone	ND	ug/m3	1.1	1.38		02/20/08 05:46	591-78-6	
Methylene Chloride	**7.0**	ug/m3	0.98	1.38		02/20/08 05:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.1	1.38		02/20/08 05:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.0	1.38		02/20/08 05:46	1634-04-4	
Naphthalene	ND	ug/m3	3.7	1.38		02/20/08 05:46	91-20-3	
2-Propanol	**21.1**	ug/m3	3.4	1.38		02/20/08 05:46	67-63-0	
Propylene	ND	ug/m3	0.48	1.38		02/20/08 05:46	115-07-1	
Styrene	ND	ug/m3	1.2	1.38		02/20/08 05:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.9	1.38		02/20/08 05:46	79-34-5	
Tetrachloroethene	ND	ug/m3	1.9	1.38		02/20/08 05:46	127-18-4	

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ANALYTICAL RESULTS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

Sample: 110 WESTERN AVE (BASEMENT) **Lab ID: 1068128001** Collected: 02/09/08 14:00 Received: 02/14/08 11:58 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.83	1.38		02/20/08 05:46	109-99-9	
Toluene	**22.5**	ug/m3	1.1	1.38		02/20/08 05:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	1.4	1.38		02/20/08 05:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.5	1.38		02/20/08 05:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.5	1.38		02/20/08 05:46	79-00-5	
Trichloroethene	ND	ug/m3	1.5	1.38		02/20/08 05:46	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.5	1.38		02/20/08 05:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	1.38		02/20/08 05:46	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	3.4	1.38		02/20/08 05:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	3.4	1.38		02/20/08 05:46	108-67-8	
Vinyl acetate	ND	ug/m3	0.98	1.38		02/20/08 05:46	108-05-4	
Vinyl chloride	ND	ug/m3	0.72	1.38		02/20/08 05:46	75-01-4	
m&p-Xylene	**4.6**	ug/m3	2.4	1.38		02/20/08 05:46	1330-20-7	
o-Xylene	**2.1**	ug/m3	1.2	1.38		02/20/08 05:46	95-47-6	

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

QC Batch: AIR/6565
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 1068128001

METHOD BLANK: 443867
Associated Lab Samples: 1068128001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.4	
1,1,2-Trichloroethane	ug/m3	ND	1.1	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	
1,1-Dichloroethane	ug/m3	ND	0.82	
1,1-Dichloroethene	ug/m3	ND	0.81	
1,2,4-Trichlorobenzene	ug/m3	ND	0.99	
1,2,4-Trimethylbenzene	ug/m3	ND	2.5	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	
1,2-Dichlorobenzene	ug/m3	ND	1.2	
1,2-Dichloroethane	ug/m3	ND	0.82	
1,2-Dichloropropane	ug/m3	ND	0.94	
1,3,5-Trimethylbenzene	ug/m3	ND	2.5	
1,3-Butadiene	ug/m3	ND	0.45	
1,3-Dichlorobenzene	ug/m3	ND	1.2	
1,4-Dichlorobenzene	ug/m3	ND	1.2	
2-Butanone (MEK)	ug/m3	ND	0.60	
2-Hexanone	ug/m3	ND	0.83	
2-Propanol	ug/m3	ND	2.5	
4-Ethyltoluene	ug/m3	ND	2 5	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0 83	
Acetone	ug/m3	ND	0.48	
Benzene	ug/m3	ND	0.65	
Bromodichloromethane	ug/m3	ND	1.4	
Bromoform	ug/m3	ND	2.1	
Bromomethane	ug/m3	ND	0.79	
Carbon disulfide	ug/m3	ND	0.63	
Carbon tetrachloride	ug/m3	ND	1.3	
Chlorobenzene	ug/m3	ND	0.94	
Chloroethane	ug/m3	ND	0.54	
Chloroform	ug/m3	ND	0.99	
Chloromethane	ug/m3	ND	0.42	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	
Cyclohexane	ug/m3	ND	0.68	
Dibromochloromethane	ug/m3	ND	1.7	
Dichlorodifluoromethane	ug/m3	ND	1.0	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	
Ethanol	ug/m3	ND	1.9	
Ethyl acetate	ug/m3	ND	0.73	
Ethylbenzene	ug/m3	ND	0.88	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	
m&p-Xylene	ug/m3	ND	1.8	

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QUALITY CONTROL DATA

Project KC KWIK STOP - BROOTEN, MN
Pace Project No : 1068128

METHOD BLANK: 443867
Associated Lab Samples: 1068128001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Methyl-tert-butyl ether	ug/m3	ND	0 73	
Methylene Chloride	ug/m3	ND	0.71	
n-Heptane	ug/m3	ND	0.83	
n-Hexane	ug/m3	ND	0.72	
Naphthalene	ug/m3	ND	2.7	
o-Xylene	ug/m3	ND	0.88	
Propylene	ug/m3	ND	0.35	
Styrene	ug/m3	ND	0.87	
Tetrachloroethene	ug/m3	ND	1 4	
Tetrahydrofuran	ug/m3	ND	0.60	
Toluene	ug/m3	ND	0.77	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	
trans-1,3-Dichloropropene	ug/m3	ND	0 92	
Trichloroethene	ug/m3	ND	1 1	
Trichlorofluoromethane	ug/m3	ND	1.1	
Vinyl acetate	ug/m3	ND	0.71	
Vinyl chloride	ug/m3	ND	0.52	

LABORATORY CONTROL SAMPLE: 443868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	61	49.9	82	60-134	
1,1,2,2-Tetrachloroethane	ug/m3	71.2	59.8	84	55-141	
1,1,2-Trichloroethane	ug/m3	53 8	47.1	88	64-129	
1,1,2-Trichlorotrifluoroethane	ug/m3	60.8	54.2	89	55-137	
1,1-Dichloroethane	ug/m3	37	32.0	86	59-136	
1,1-Dichloroethene	ug/m3	41.5	35.9	86	60-137	
1,2,4-Trichlorobenzene	ug/m3	65.7	83 8	128	50-150	
1,2,4-Trimethylbenzene	ug/m3	49	43.3	88	63-137	
1,2-Dibromoethane (EDB)	ug/m3	80 5	79.1	98	61-136	
1,2-Dichlorobenzene	ug/m3	63	58.1	92	60-139	
1,2-Dichloroethane	ug/m3	44.9	37.4	83	56-141	
1,2-Dichloropropane	ug/m3	55	47.4	86	57-131	
1,3,5-Trimethylbenzene	ug/m3	52.5	45.4	87	61-134	
1,3-Butadiene	ug/m3	23.2	19.6	85	53-140	
1,3-Dichlorobenzene	ug/m3	61.1	56.7	93	59-136	
1,4-Dichlorobenzene	ug/m3	62.4	56.9	91	59-130	
2-Butanone (MEK)	ug/m3	31.5	27.3	87	54-133	
2-Hexanone	ug/m3	42.9	35.2	82	54-139	
2-Propanol	ug/m3	19.8	18.2	92	50-150	
4-Ethyltoluene	ug/m3	49	38.9	79	61-138	
4-Methyl-2-pentanone (MIBK)	ug/m3	42.1	38.4	91	53-139	
Acetone	ug/m3	17.4	19.9	115	50-139	
Benzene	ug/m3	32.5	26.0	80	64-125	
Bromodichloromethane	ug/m3	68.8	60.1	87	61-131	

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

LABORATORY CONTROL SAMPLE: 443868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/m3	109	84.1	77	66-138	
Bromomethane	ug/m3	38.7	34.0	88	55-135	
Carbon disulfide	ug/m3	32.9	31.1	95	50-150	
Carbon tetrachloride	ug/m3	67 2	59.5	89	58-135	
Chlorobenzene	ug/m3	48.7	44.3	91	62-139	
Chloroethane	ug/m3	26 3	23.7	90	56-140	
Chloroform	ug/m3	53.1	44.1	83	50-150	
Chloromethane	ug/m3	20.8	17.1	82	56-144	
cis-1,2-Dichloroethene	ug/m3	41.1	34.3	83	62-135	
cis-1,3-Dichloropropene	ug/m3	58.2	55.5	95	64-133	
Cyclohexane	ug/m3	40.3	37.8	94	54-139	
Dibromochloromethane	ug/m3	89.2	69.3	78	50-150	
Dichlorodifluoromethane	ug/m3	48.8	42.1	86	60-130	
Dichlorotetrafluoroethane	ug/m3	69	53.6	78	59-130	
Ethanol	ug/m3	19.2	26.5	138	50-150	
Ethyl acetate	ug/m3	39 2	40 7	104	60-132	
Ethylbenzene	ug/m3	50 3	44.3	88	65-140	
Hexachloro-1,3-butadiene	ug/m3	86.8	94.1	108	50-150	
m&p-Xylene	ug/m3	91.8	79 0	86	60-132	
Methyl-tert-butyl ether	ug/m3	38 9	34.9	90	50-150	
Methylene Chloride	ug/m3	30.4	27.8	92	56-138	
n-Heptane	ug/m3	39.6	33.8	85	62-135	
n-Hexane	ug/m3	40.5	35.1	87	62-134	
Naphthalene	ug/m3	46.9	60.1	128	70-130	
o-Xylene	ug/m3	45	38.5	85	64-132	
Propylene	ug/m3	18.7	17.9	96	56-125	
Styrene	ug/m3	42.5	35.7	84	69-134	
Tetrachloroethene	ug/m3	73.1	61.3	84	60-137	
Tetrahydrofuran	ug/m3	15.9	15.6	98	52-139	
Toluene	ug/m3	39.5	31.6	80	69-130	
trans-1,2-Dichloroethene	ug/m3	43.1	36.9	85	50-150	
trans-1,3-Dichloropropene	ug/m3	50.3	49.9	99	70-142	
Trichloroethene	ug/m3	55.2	54.1	98	60-134	
Trichlorofluoromethane	ug/m3	51.4	48 4	94	56-141	
Vinyl acetate	ug/m3	38.3	35 0	91	61-142	
Vinyl chloride	ug/m3	25.2	23.1	92	66-132	

SAMPLE DUPLICATE: 444722

Parameter	Units	1068102003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND	0	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND	0	25	
1,1,2-Trichloroethane	ug/m3	ND	ND	0	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND	0	25	
1,1-Dichloroethane	ug/m3	ND	ND	0	25	
1,1-Dichloroethene	ug/m3	ND	ND	0	25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND	0	25	

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

SAMPLE DUPLICATE: 444722

Parameter	Units	1068102003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	2.6	2.6J	.05	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND	0	25	
1,2-Dichlorobenzene	ug/m3	ND	ND	0	25	
1,2-Dichloroethane	ug/m3	ND	ND	0	25	
1,2-Dichloropropane	ug/m3	ND	ND	0	25	
1,3,5-Trimethylbenzene	ug/m3	2.3	2.3J	.1	25	
1,3-Butadiene	ug/m3	ND	ND	0	25	
1,3-Dichlorobenzene	ug/m3	ND	ND	0	25	
1,4-Dichlorobenzene	ug/m3	1.7	1.7	.05	25	
2-Butanone (MEK)	ug/m3	2.7	2.7	3	25	
2-Hexanone	ug/m3	1.4	1 4	1	25	
2-Propanol	ug/m3	ND	ND	0	25	
4-Ethyltoluene	ug/m3	2.6	2.6J	0	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND	0	25	
Acetone	ug/m3	12.7	12.9	2	25	
Benzene	ug/m3	ND	ND	0	25	
Bromodichloromethane	ug/m3	ND	ND	0	25	
Bromoform	ug/m3	ND	ND	0	25	
Bromomethane	ug/m3	ND	ND	0	25	
Carbon disulfide	ug/m3	ND	ND	0	25	
Carbon tetrachloride	ug/m3	1.1	1.1J	.7	25	
Chlorobenzene	ug/m3	ND	ND	0	25	
Chloroethane	ug/m3	ND	ND	0	25	
Chloroform	ug/m3	18.8	18 9	.4	25	
Chloromethane	ug/m3	ND	ND	0	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND	0	25	
cis-1,3-Dichloropropene	ug/m3	ND	ND	0	25	
Cyclohexane	ug/m3	ND	ND	0	25	
Dibromochloromethane	ug/m3	ND	ND	0	25	
Dichlorodifluoromethane	ug/m3	2.4	2.4	.8	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND	0	25	
Ethanol	ug/m3	8.1	7.9	3	25	
Ethyl acetate	ug/m3	ND	ND	0	25	
Ethylbenzene	ug/m3	1 8	1.8	.03	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND	0	25	
m&p-Xylene	ug/m3	4.7	4 7	.1	25	
Methyl-tert-butyl ether	ug/m3	ND	ND	0	25	
Methylene Chloride	ug/m3	ND	ND	0	25	
n-Heptane	ug/m3	ND	ND	0	25	
n-Hexane	ug/m3	ND	ND	0	25	
Naphthalene	ug/m3	6.2	6.0	3	25	
o-Xylene	ug/m3	1.8	1.8	.5	25	
Propylene	ug/m3	ND	ND	0	25	
Styrene	ug/m3	1.9	1.9	.6	25	
Tetrachloroethene	ug/m3	328	383	16	25	
Tetrahydrofuran	ug/m3	ND	ND	0	25	
Toluene	ug/m3	1.1	1.1	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND	0	25	

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.: 1068128

SAMPLE DUPLICATE: 444722

Parameter	Units	1068102003 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,3-Dichloropropene	ug/m3	ND	ND	0	25	
Trichloroethene	ug/m3	ND	ND	0	25	
Trichlorofluoromethane	ug/m3	1 4	1.4J	2	25	
Vinyl acetate	ug/m3	3 4	3 5	2	25	
Vinyl chloride	ug/m3	ND	ND	0	25	

SAMPLE DUPLICATE: 444723

Parameter	Units	1068196003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND	0	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND	0	25	
1,1,2-Trichloroethane	ug/m3	ND	ND	0	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND	0	25	
1,1-Dichloroethane	ug/m3	ND	ND	0	25	
1,1-Dichloroethene	ug/m3	ND	ND	0	25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND	0	25	
1,2,4-Trimethylbenzene	ug/m3	ND	2.5J	.03	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND	0	25	
1,2-Dichlorobenzene	ug/m3	ND	ND	0	25	
1,2-Dichloroethane	ug/m3	ND	ND	0	25	
1,2-Dichloropropane	ug/m3	ND	ND	0	25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND	0	25	
1,3-Butadiene	ug/m3	ND	ND	0	25	
1,3-Dichlorobenzene	ug/m3	ND	ND	0	25	
1,4-Dichlorobenzene	ug/m3	ND	ND	0	25	
2-Butanone (MEK)	ug/m3	0.84	0.96	13	25	
2-Hexanone	ug/m3	ND	ND	0	25	
2-Propanol	ug/m3	ND	ND	0	25	
4-Ethyltoluene	ug/m3	ND	ND	0	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND	0	25	
Acetone	ug/m3	3.8	6.9	56	25	D6
Benzene	ug/m3	8.9	8.4	6	25	
Bromodichloromethane	ug/m3	ND	ND	0	25	
Bromoform	ug/m3	ND	ND	0	25	
Bromomethane	ug/m3	ND	ND	0	25	
Carbon disulfide	ug/m3	1.6	1.5	8	25	
Carbon tetrachloride	ug/m3	ND	ND	0	25	
Chlorobenzene	ug/m3	ND	ND	0	25	
Chloroethane	ug/m3	ND	ND	0	25	
Chloroform	ug/m3	ND	ND	0	25	
Chloromethane	ug/m3	0.91	0.86	5	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND	0	25	
cis-1,3-Dichloropropene	ug/m3	ND	ND	0	25	
Cyclohexane	ug/m3	2.1	1.9	8	25	
Dibromochloromethane	ug/m3	ND	ND	0	25	
Dichlorodifluoromethane	ug/m3	2.1	2.0	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND	0	25	

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QUALITY CONTROL DATA

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No 1068128

SAMPLE DUPLICATE 444723

Parameter	Units	1068196003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethanol	ug/m3	2.7	2.7	2	25	
Ethyl acetate	ug/m3	ND	ND	0	25	
Ethylbenzene	ug/m3	ND	ND	0	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND	0	25	
m&p-Xylene	ug/m3	4.3	4.3	2	25	
Methyl-tert-butyl ether	ug/m3	ND	ND	0	25	
Methylene Chloride	ug/m3	ND	ND	0	25	
n-Heptane	ug/m3	1.8	1.8	1	25	
n-Hexane	ug/m3	4.5	4.3	5	25	
Naphthalene	ug/m3	ND	ND	0	25	
o-Xylene	ug/m3	1.7	1.7	2	25	
Propylene	ug/m3	ND	ND	0	25	
Styrene	ug/m3	ND	ND	0	25	
Tetrachloroethene	ug/m3	ND	ND	0	25	
Tetrahydrofuran	ug/m3	ND	ND	0	25	
Toluene	ug/m3	3.5	3.3	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND	0	25	
trans-1,3-Dichloropropene	ug/m3	ND	ND	0	25	
Trichloroethene	ug/m3	ND	ND	0	25	
Trichlorofluoromethane	ug/m3	ND	ND	0	25	
Vinyl acetate	ug/m3	ND	ND	0	25	
Vinyl chloride	ug/m3	ND	ND	0	25	

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QUALIFIERS

Project: KC KWIK STOP - BROOTEN, MN
Pace Project No.. 1068128

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.

SAMPLE QUALIFIERS

Sample. 1068128001

[1] The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project. KC KWIK STOP - BROOTEN, MN
Pace Project No : 1068128

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1068128001	**110 WESTERN AVE (BASEMENT)**	TO-15	AIR/6565		

Data File: \\192.168.10.12\chem\10air7.i\021908.b\05041.D
Report Date: 20-Feb-2008 12:05

Pace Analytical Services

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Sample 5
Lab Smp Id: 1068128001
Operator : LCW
Sample Location:
Sample Matrix: AIR
Analysis Type: VOA
Inj Date: 20-FEB-2008 05:46

Client SDG: 102205

Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	111-84-2	Nonane	12.160	24.7	NJ
2.	1678-92-8	Cyclohexane, propyl-	13.144	25.1	NJ
3.	17301-94-9	Nonane, 4-methyl-	13.564	17.8	NJ
4.	4291-79-6	Cyclohexane, 1-methyl-2-pro	14.292	15.4	NJ
5.	124-18-5	Decane	14.380	38.0	NJ
6.	4291-79-6	Cyclohexane, 1-methyl-2-pro	14.692	12.7	NJ
7.	2847-72-5	Decane, 4-methyl-	14.865	11.6	NJ
8.	5989-54-8	Cyclohexene, 1-methyl-4-(1-	15.265	24.7	NJ
9.	1678-93-9	Cyclohexane, butyl-	15.328	11.8	NJ
10.	1120-21-4	Undecane	16.305	17.8	NJ

Data File: \\192.168.10.12\chem\10air7.i\021908.b\05041.D
Report Date: 20-Feb-2008 12:05

Pace Analytical Services

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10air7.i\021908.b\05041.D
Lab Smp Id: 1068128001
Inj Date : 20-FEB-2008 05:46
Operator : LCW Inst ID: 10air7.i
Smp Info : Sample 5
Misc Info : 6565
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air7.i\021908.b\LOWTO15_050.m
Meth Date : 20-Feb-2008 11:29 10air7.i Quant Type: ISTD
Cal Date : 19-FEB-2008 15:52 Cal File: 05014.D
Als bottle: 33
Dil Factor: 1.38000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: AIRGROUP

Concentration Formula: Amt * DF * Uf * CpndVariable

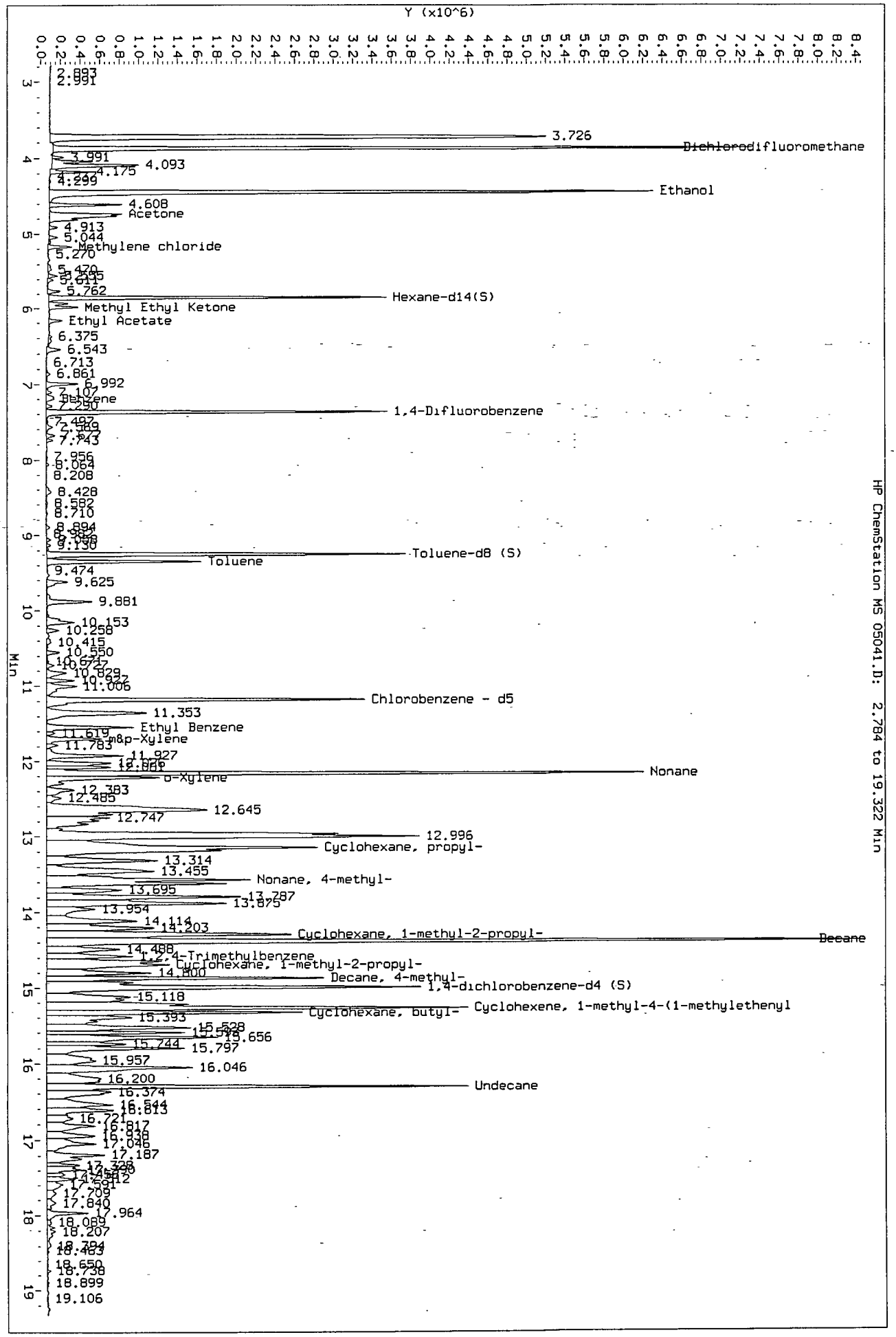
Name	Value	Description
DF	1.380	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 50 Chlorobenzene - d5	11.179	7701175	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Nonane				CAS #: 111-84-2			
12.160	13790067	17.9064448	24.7	70	NBS75K.1	65143	50
Cyclohexane, propyl-				CAS #: 1678-92-8			
13.144	14008669	18.1903011	25.1	83	NBS75K.1	64935	50
Nonane, 4-methyl-				CAS #: 17301-94-9			
13.564	9920310	12.8815538	17.8	72	NBS75K.1	66223	50
Cyclohexane, 1-methyl-2-propyl-				CAS #: 4291-79-6			
14.292	8604959	11.1735662	15.4	91	NBS75K.1	7590	50
Decane				CAS #: 124-18-5			
14.380	21237571	27.5770521	38.0	94	NBS75K.1	66206	50
Cyclohexane, 1-methyl-2-propyl-				CAS #: 4291-79-6			
14.692	7110761	9.23334512	12.7	76	NBS75K.1	66072	50

Data File: \\192.168.10.12\chem\10air7.i\021908.b\05041.D
Report Date: 20-Feb-2008 12:05

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Decane, 4-methyl-				CAS #: 2847-72-5			
14.865	6461440	8.39019954	11.6	90	NBS75K.l	67323	50
Cyclohexene, 1-methyl-4-(1-methylethenyl				CAS #: 5989-54-8			
15.265	13791011	17.9076705	24.7	96	NBS75K.l	65806	50
Cyclohexane, butyl-				CAS #: 1678-93-9			
15.328	6598631	8.56834282	11.8	91	NBS75K.l	66057	50
Undecane				CAS #: 1120-21-4			
16.305	9913823	12.8731300	17.8	91	NBS75K.l	67318	50


Data File: \\192.168.10.12\chem\10air7.i\021908.b\05041.D
Injection Date: 20-FEB-2008 05:46
Instrument: 10air7.i
Client Sample ID: 106812001
HP ChemStation MS 05041.D: 2.784 to 19.322 Min
Y (x10^6)
Min
2.983
2.991
3.726
Dichlorodifluoromethane
3.991
4.093
4.175
4.299
Ethanol
4.608
Acetone
4.913
5.044
Methylene chloride
5.270
5.762
Hexane-d14(S)
Methyl Ethyl Ketone
Ethyl Acetate
6.375
6.543
6.713
6.861
6.992
7.107
Benzene
7.250
1,4-Difluorobenzene
7.743
7.956
8.064
8.208
8.428
8.582
8.710
9.130
Toluene-d8 (S)
Toluene
9.474
9.625
9.881
10.153
10.258
10.415
10.550
10.829
11.006
Chlorobenzene - d5
11.353
Ethyl Benzene
m&p-Xylene
11.783
11.927
Nonane
o-Xylene
12.383
12.485
12.645
12.747
12.996
Cyclohexane, propyl-
13.314
13.455
Nonane, 4-methyl-
13.695
13.787
13.875
13.954
14.114
14.203
Cyclohexane, 1-methyl-2-propyl-
Decane
14.488
1,2,4-Trimethylbenzene
Cyclohexane, 1-methyl-2-propyl-
14.800
Decane, 4-methyl-
1,4-dichlorobenzene-d4 (S)
15.118
Cyclohexene, 1-methyl-4-(1-methylethenyl
Cyclohexane, butyl-
15.393
15.528
15.656
15.744
15.797
15.957
16.046
16.200
Undecane
16.374
16.544
16.813
16.721
16.817
16.938
17.046
17.187
17.328
17.709
17.840
17.964
18.089
18.207
18.650
18.738
18.899
19.106

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

1068 128

Page: of

1121575

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company: COTEAM ENVIRONMENTAL	Report To: COTEAM	Attention: SCOTT
Address: 728 JAMES CIRCLE DR ALEXANDRIA, MN 56308	Copy To: COTEAM	Company Name: COTEAM
Email To:	Purchase Order No:	Address:
Phone: 320-815-0474 Fax:	Project Name: KC KWIK STOP	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: BROOTEN, MN	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,- ; Sample IDs MUST BE UNIQUE)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: VOC's (TO-15)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	110 WESTERN AVE (BASEMENT)	AR	G	2/8/08	1400				1									N	✓		
2	CANISTER # 256 (PICKED UP) →			2/9/08	1400																
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Scott	2/11/08	1700	Shawn Jones	2/14	1110	
	Shawn Jones	2/14	1158	J. Richardson	2/14/08	11:58	AMB

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SCOTT HUNKE

SIGNATURE of SAMPLER: Scott — DATE Signed (MM/DD/YY): 2/11/08

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1 5% per month for any invoices not paid within 30 days