Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

RECEIVED

1:38 pm, Apr 29, 2008

Alameda County
Environmental Health

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1058509. Samples arrived at the laboratory on Friday, September 28, 2007. The PO# for this group is 4508610423 and the release number is BOONE.

Client Description	Lancaster Labs Number
ATC-2d5.0 NA Soil	5170555
ATC-2 NA Water	5170556
ATC-4d10.0 NA Soil	5170557
ATC-5d10.0 NA Soil	5170558
ATC-5d5.0 NA Soil	5170559
ATC-5 NA Water	5170560
B-2 NA Water	5170561

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5170555

ATC-2d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:25 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2S5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	23.	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	11.3	0.467	1.43	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	1.4	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.010	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.002 J	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170555

ATC-2d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:25 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2S5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	10/09/2007 07:00	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:48	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 18:07	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 00:12	Lauren C Marzario	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 00:12	Lauren C Marzario	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:23	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:49	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	15,000.	2,900.	10,000.	ug/l	10
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	73.	20.	50.	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	0.9	J	0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	J	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.		2.	10.	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	10/09/2007 02:53	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 10:22	K. Robert Caulfeild-James	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/09/2007 02:34	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/09/2007 02:34	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 10:22	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/09/2007 02:34	Kelly E Brickley	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170557

ATC-4d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-4

Collected:09/27/2007 08:10 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	8.4 J	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	16.7	0.485	1.49	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.010	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.007	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170557

ATC-4d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-4

Collected:09/27/2007 08:10 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	10/09/2007 00:50	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:52	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 12:06	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 06:59	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 06:59	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:01	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:51	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5170558

ATC-5d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	N.D.	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	9.63	0.476	1.46	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.099	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.099	0.50	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.002	0.01	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	0.99
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	0.99
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	0.99

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170558

ATC-5d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	0.99

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	10/09/2007 01:15	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:55	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 12:42	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 07:22	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 07:22	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:02	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:53	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170559

ATC-5d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	8.2 J	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	13.8	0.476	1.46	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	5.2	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.010	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5170559

ATC-5d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	0.007	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	10/09/2007 04:32	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:59	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 13:18	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 03:38	Lauren C Marzario	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 03:38	Lauren C Marzario	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:37	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:56	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5170560

ATC-5 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:55 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-W

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	18,000.		2,900.	10,000.	ug/l	10
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	5,300.		100.	250.	ug/l	5
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	0.7	J	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	45.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	6.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	2.	J	0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5170560

ATC-5 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:55 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-W

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	J	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.		2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	10/09/2007 02:28	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 17:20	Martha L Seidel	5
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/10/2007 08:36	Susan McMahon-Luu	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/10/2007 08:36	Susan McMahon-Luu	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 17:20	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/10/2007 08:36	Susan McMahon-Luu	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

ATB-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	25,000.	2,900.	10,000.	ug/l	10
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	69.	20.	50.	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

ATB-2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	J	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.		2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	10/09/2007 03:17	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 15:50	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/09/2007 03:44	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/09/2007 03:44	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 15:50	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/09/2007 03:44	Kelly E Brickley	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ATB-2

Account Number: 12258

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072720007A	Sample number(s): 5170556,5170560-5170561								
TPH-DRO (Waters)	36. J	29.	100.	ug/l	93	90	63-119	3	20
Batch number: 072750014A	Sample number(s): 5170555,5170557-5170559								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	94		71-109		
Batch number: 07275A34A	Sample number(s): 5170555,5170557-5170559								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	91		67-119		
Batch number: 07276B54A	Sample number(s): 5170556								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	96	91	75-135	5	30
Batch number: 07277B53A	Sample number(s): 5170560-5170561								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	115	108	75-135	6	30
Batch number: 072785708001	Sample number(s): 5170555,5170557-5170559								
Lead	N.D.	0.490	1.50	mg/kg	94		90-110		
Batch number: A072772AA	Sample number(s): 5170555,5170559								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	94		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	100		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	95		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	94		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	103		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	94		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	97		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	88		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	88		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	108		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	114		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	104		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	109		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	108		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	103		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	104		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	107		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	105		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	106		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	105		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	105		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	104		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	101		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	103		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	98		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	107		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	98		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	104		81-112		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	0.001	0.005	mg/kg	103		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	103		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	102		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	83		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	94		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	103		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	102		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	102		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	105		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	92		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	95		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	121		68-121		
Batch number: A072781AA	Sample number(s): 5170557-5170558								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	102		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	98		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	98		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	99		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	103		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	86		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	86		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	78		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	79		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	97		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	109		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	105		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	106		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	102		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	101		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	101		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	100		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	98		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	102		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	106		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	101		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	102		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	100		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	100		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	105		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	107		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	103		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	103		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	100		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	95		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	106		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	101		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	101		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	103		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	97		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	94		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	96		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	113		68-121		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: W072812AA	Sample number(s): 5170556,5170561								
Ethanol	N.D.	50.	250.	ug/l	103		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	99		73-119		
di-Isopropyl ether	N.D.	0.8	5.	ug/l	99		70-123		
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	100		74-120		
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	98		79-113		
t-Butyl alcohol	N.D.	10.	80.	ug/l	105		74-117		
Chloromethane	N.D.	1.	5.	ug/l	123*		47-122		
Vinyl Chloride	N.D.	1.	5.	ug/l	115		54-123		
Bromomethane	N.D.	1.	5.	ug/l	104		49-117		
Chloroethane	N.D.	1.	5.	ug/l	99		54-117		
Trichlorofluoromethane	N.D.	2.	5.	ug/l	113		59-128		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	116		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	109		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	106		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	107		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	102		84-117		
Chloroform	N.D.	0.8	5.	ug/l	103		77-125		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	104		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	98		77-130		
Benzene	N.D.	0.5	5.	ug/l	102		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	106		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	103		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	104		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	100		83-121		
Toluene	N.D.	0.7	5.	ug/l	98		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	95		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	100		76-118		
Dibromochloromethane	N.D.	1.	5.	ug/l	96		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	93		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	95		82-119		
m+p-Xylene	N.D.	0.8	5.	ug/l	95		83-113		
o-Xylene	N.D.	0.8	5.	ug/l	95		83-113		
Bromoform	N.D.	1.	5.	ug/l	78		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	91		72-119		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	94		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	93		84-116		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	93		81-112		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	91		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	92		78-114		
Freon 113	N.D.	2.	10.	ug/l	100		66-125		
Batch number: W072822AA	Sample number(s): 5170560								
Ethanol	N.D.	50.	250.	ug/l	107	95	31-166	11	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	102	99	73-119	2	30
di-Isopropyl ether	N.D.	0.8	5.	ug/l	98	93	70-123	6	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	100	98	74-120	2	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	98	94	79-113	4	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	107	105	74-117	1	30
Chloromethane	N.D.	1.	5.	ug/l	112	97	47-122	15	30
Vinyl Chloride	N.D.	1.	5.	ug/l	106	101	54-123	4	30
Bromomethane	N.D.	1.	5.	ug/l	107	98	49-117	9	30
Chloroethane	N.D.	1.	5.	ug/l	101	95	54-117	6	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	128	119	59-128	7	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	118	112	76-122	6	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	N.D.	2.	5.	ug/l	106	99	85-120	8	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	106	102	83-117	4	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	107	103	83-127	4	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	103	95	84-117	8	30
Chloroform	N.D.	0.8	5.	ug/l	113	106	77-125	6	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	118	110	83-127	7	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	114	103	77-130	10	30
Benzene	N.D.	0.5	5.	ug/l	101	93	78-119	8	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	114	116	69-135	2	30
Trichloroethene	N.D.	1.	5.	ug/l	106	105	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	101	96	80-117	5	30
Bromodichloromethane	N.D.	1.	5.	ug/l	108	105	83-121	3	30
Toluene	N.D.	0.7	5.	ug/l	101	97	85-115	4	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	99	99	86-113	1	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	108	99	76-118	8	30
Dibromochloromethane	N.D.	1.	5.	ug/l	105	97	78-119	8	30
Chlorobenzene	N.D.	0.8	5.	ug/l	98	95	85-115	3	30
Ethylbenzene	N.D.	0.8	5.	ug/l	100	94	82-119	6	30
m+p-Xylene	N.D.	0.8	5.	ug/l	100	94	83-113	5	30
o-Xylene	N.D.	0.8	5.	ug/l	98	95	83-113	3	30
Bromoform	N.D.	1.	5.	ug/l	87	85	69-118	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	88	90	72-119	2	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	95	94	81-114	1	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	99	95	84-116	4	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	97	95	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	96	99	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97	93	78-114	4	30
Freon 113	N.D.	2.	10.	ug/l	102	96	66-125	6	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 072750014A	Sample number(s): 5170555,5170557-5170559 UNSPK: P171105 BKG: P171105								
TPH-DRO by 8015B	-798 (2)		52-117			5,600.	5,400.	4	20
Batch number: 07275A34A	Sample number(s): 5170555,5170557-5170559 UNSPK: P165252								
TPH-GRO 8015B - soil	45	51	39-118	10	30				
Batch number: 07276B54A	Sample number(s): 5170556 UNSPK: P170345								
TPH-GRO 8015B - water	112		63-154						
Batch number: 07277B53A	Sample number(s): 5170560-5170561 UNSPK: P174154								
TPH-GRO 8015B - water	113		63-154						
Batch number: 072785708001	Sample number(s): 5170555,5170557-5170559 UNSPK: P175166 BKG: P175166								
Lead	89	141*	75-125	18	20	21.2	20.7	3	20
Batch number: A072772AA	Sample number(s): 5170555,5170559 UNSPK: P167397								

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	91	91	59-119	2	30				
di-Isopropyl ether	93	92	58-113	2	30				
Ethyl t-butyl ether	91	90	60-112	2	30				
t-Amyl methyl ether	90	91	63-112	1	30				
t-Butyl alcohol	96	97	51-134	1	30				
Chloromethane	83	80	38-115	5	30				
Vinyl Chloride	85	80	41-104	6	30				
Bromomethane	80	75	50-114	8	30				
Chloroethane	80	75	52-114	8	30				
Trichlorofluoromethane	100	93	39-122	8	30				
1,1-Dichloroethene	103	99	64-118	5	30				
Methylene Chloride	97	93	50-127	5	30				
trans-1,2-Dichloroethene	100	96	60-110	6	30				
1,1-Dichloroethane	98	95	65-115	5	30				
cis-1,2-Dichloroethene	94	91	67-110	5	30				
Chloroform	97	93	69-117	6	30				
1,1,1-Trichloroethane	98	93	64-118	6	30				
Carbon Tetrachloride	96	93	56-120	5	30				
Benzene	97	93	66-112	5	30				
1,2-Dichloroethane	100	98	62-130	3	30				
Trichloroethene	97	93	48-131	6	30				
1,2-Dichloropropane	96	94	64-112	4	30				
Bromodichloromethane	94	92	66-119	4	30				
Toluene	95	91	50-121	5	30				
1,1,2-Trichloroethane	94	94	64-118	1	30				
Tetrachloroethene	109	107	40-140	3	30				
Dibromochloromethane	94	93	67-113	3	30				
Chlorobenzene	95	93	58-109	4	30				
Ethylbenzene	97	92	54-116	6	30				
m+p-Xylene	95	90	52-117	6	30				
o-Xylene	97	92	52-117	6	30				
Bromoform	82	81	54-114	3	30				
1,1,2,2-Tetrachloroethane	93	93	37-142	2	30				
1,3-Dichlorobenzene	96	92	47-109	6	30				
1,4-Dichlorobenzene	95	92	47-109	4	30				
1,2-Dichlorobenzene	96	93	50-111	4	30				
Ethanol	97	94	35-148	4	30				
trans-1,3-Dichloropropene	86	86	60-110	1	30				
cis-1,3-Dichloropropene	89	87	56-112	3	30				
Freon 113	111	104	47-115	8	30				
Batch number: A072781AA	Sample number(s): 5170557-5170558 UNSPK: P174594								
Methyl Tertiary Butyl Ether	83	86	59-119	4	30				
di-Isopropyl ether	83	86	58-113	2	30				
Ethyl t-butyl ether	80	84	60-112	4	30				
t-Amyl methyl ether	79	84	63-112	5	30				
t-Butyl alcohol	95	94	51-134	1	30				
Chloromethane	73	75	38-115	3	30				
Vinyl Chloride	71	76	41-104	7	30				
Bromomethane	71	74	50-114	4	30				
Chloroethane	69	72	52-114	4	30				
Trichlorofluoromethane	82	88	39-122	7	30				
1,1-Dichloroethene	90	97	64-118	8	30				

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methylene Chloride	101	100	50-127	1	30				
trans-1,2-Dichloroethene	89	93	60-110	4	30				
1,1-Dichloroethane	88	91	65-115	3	30				
cis-1,2-Dichloroethene	85	89	67-110	4	30				
Chloroform	87	90	69-117	4	30				
1,1,1-Trichloroethane	84	89	64-118	6	30				
Carbon Tetrachloride	82	88	56-120	6	30				
Benzene	87	91	66-112	4	30				
1,2-Dichloroethane	88	91	62-130	3	30				
Trichloroethene	85	90	48-131	6	30				
1,2-Dichloropropane	86	90	64-112	4	30				
Bromodichloromethane	84	88	66-119	4	30				
Toluene	86	89	50-121	3	30				
1,1,2-Trichloroethane	86	91	64-118	4	30				
Tetrachloroethene	96	101	40-140	5	30				
Dibromochloromethane	84	89	67-113	5	30				
Chlorobenzene	88	91	58-109	3	30				
Ethylbenzene	86	89	54-116	4	30				
m+p-Xylene	87	90	52-117	3	30				
o-Xylene	87	90	52-117	3	30				
Bromoform	72	77	54-114	6	30				
1,1,2,2-Tetrachloroethane	82	88	37-142	7	30				
1,3-Dichlorobenzene	87	90	47-109	2	30				
1,4-Dichlorobenzene	87	90	47-109	2	30				
1,2-Dichlorobenzene	88	91	50-111	3	30				
Ethanol	101	93	35-148	9	30				
trans-1,3-Dichloropropene	78	81	60-110	4	30				
cis-1,3-Dichloropropene	80	83	56-112	4	30				
Freon 113	94	102	47-115	7	30				

Batch number: W072812AA Sample number(s): 5170556,5170561 UNSPK: P168840

Ethanol	100	100	32-164	0	30				
Methyl Tertiary Butyl Ether	111	106	69-127	4	30				
di-Isopropyl ether	111	104	68-129	6	30				
Ethyl t-butyl ether	107	102	78-119	4	30				
t-Amyl methyl ether	104	100	72-125	4	30				
t-Butyl alcohol	102	54*	70-121	62*	30				
Chloromethane	144*	138*	47-133	4	30				
Vinyl Chloride	136*	129	55-130	5	30				
Bromomethane	117	106	52-129	10	30				
Chloroethane	114	106	57-130	7	30				
Trichlorofluoromethane	136	126	67-150	8	30				
1,1-Dichloroethene	138	134	87-145	3	30				
Methylene Chloride	115	107	79-133	7	30				
trans-1,2-Dichloroethene	125	120	82-133	4	30				
1,1-Dichloroethane	118	114	85-135	4	30				
cis-1,2-Dichloroethene	113	108	83-126	4	30				
Chloroform	116	111	83-139	4	30				
1,1,1-Trichloroethane	116	110	81-142	5	30				
Carbon Tetrachloride	114	107	82-149	6	30				
Benzene	162*	170*	83-128	2	30				
1,2-Dichloroethane	114	107	70-143	7	30				
Trichloroethene	115	104	83-136	6	30				

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,2-Dichloropropane	116	110	83-129	6	30				
Bromodichloromethane	108	105	80-137	3	30				
Toluene	179*	212*	83-127	6	30				
1,1,2-Trichloroethane	104	105	77-125	1	30				
Tetrachloroethene	-10 (2)	-27 (2)	78-133	1	30				
Dibromochloromethane	97	93	82-119	4	30				
Chlorobenzene	103	99	83-120	4	30				
Ethylbenzene	201 (2)	268 (2)	82-129	9	30				
m+p-Xylene	220 (2)	311 (2)	82-130	9	30				
o-Xylene	187 (2)	251 (2)	82-130	9	30				
Bromoform	80	74	64-119	8	30				
1,1,2,2-Tetrachloroethane	90	87	73-121	3	30				
1,3-Dichlorobenzene	103	95	79-123	8	30				
1,4-Dichlorobenzene	101	97	81-122	4	30				
1,2-Dichlorobenzene	98	95	82-117	3	30				
trans-1,3-Dichloropropene	91	87	77-123	5	30				
cis-1,3-Dichloropropene	98	93	80-126	5	30				
Freon 113	123	116	78-146	6	30				
Batch number: W072822AA	Sample number(s): 5170560 UNSPK: P170621								
Ethanol	92		32-164						
Methyl Tertiary Butyl Ether	111		69-127						
di-Isopropyl ether	100		68-129						
Ethyl t-butyl ether	109		78-119						
t-Amyl methyl ether	104		72-125						
t-Butyl alcohol	110		70-121						
Chloromethane	134*		47-133						
Vinyl Chloride	127		55-130						
Bromomethane	118		52-129						
Chloroethane	119		57-130						
Trichlorofluoromethane	169*		67-150						
1,1-Dichloroethene	135		87-145						
Methylene Chloride	107		79-133						
trans-1,2-Dichloroethene	119		82-133						
1,1-Dichloroethane	121		85-135						
cis-1,2-Dichloroethene	111		83-126						
Chloroform	126		83-139						
1,1,1-Trichloroethane	137		81-142						
Carbon Tetrachloride	140		82-149						
Benzene	110		83-128						
1,2-Dichloroethane	133		70-143						
Trichloroethene	120		83-136						
1,2-Dichloropropane	105		83-129						
Bromodichloromethane	121		80-137						
Toluene	108		83-127						
1,1,2-Trichloroethane	101		77-125						
Tetrachloroethene	116		78-133						
Dibromochloromethane	109		82-119						
Chlorobenzene	104		83-120						
Ethylbenzene	110		82-129						
m+p-Xylene	108		82-130						
o-Xylene	106		82-130						
Bromoform	90		64-119						

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,1,2,2-Tetrachloroethane	94		73-121						
1,3-Dichlorobenzene	107		79-123						
1,4-Dichlorobenzene	107		81-122						
1,2-Dichlorobenzene	105		82-117						
trans-1,3-Dichloropropene	100		77-123						
cis-1,3-Dichloropropene	94		80-126						
Freon 113	130		78-146						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-DRO (Waters)
Batch number: 072720007A

	Orthoterphenyl
5170556	54*
5170560	78
5170561	51*
Blank	90
LCS	106
LCSD	108
Limits:	59-131

Analysis Name: TPH-DRO by 8015B
Batch number: 072750014A

	Orthoterphenyl
5170555	86
5170557	96
5170558	87
5170559	92
Blank	93
DUP	513*
LCS	102
MS	489*
Limits:	59-129

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07275A34A

	Trifluorotoluene-F
5170555	81
5170557	84
5170558	81
5170559	79
Blank	89

*- Outside of specification
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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Surrogate Quality Control

LCS	93
MS	86
MSD	85
Limits:	61-122

Analysis Name: TPH-GRO 8015B - water
Batch number: 07276B54A

	Trifluorotoluene-F
5170556	82
Blank	89
LCS	91
LCSD	92
MS	93
Limits:	63-135

Analysis Name: TPH-GRO 8015B - water
Batch number: 07277B53A

	Trifluorotoluene-F
5170560	96
5170561	81
Blank	83
LCS	89
LCSD	89
MS	88
Limits:	63-135

Analysis Name: EPA SW846/8260 (soil)
Batch number: A072772AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170555	91	88	94	84
5170559	90	85	91	106
Blank	91	89	93	84
LCS	91	88	93	85
MS	92	90	93	85
MSD	92	91	93	85
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: A072781AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170557	89	88	94	81
5170558	89	85	95	81
Blank	90	89	93	83
LCS	92	93	92	85
MS	91	87	94	85
MSD	91	89	93	85
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Surrogate Quality Control

Batch number: W072812AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170556	96	95	96	91
5170561	95	92	95	90
Blank	95	91	94	89
LCS	96	93	97	93
MS	93	94	95	93
MSD	93	86	96	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W072822AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170560	97	86	100	99
Blank	100	97	96	90
LCS	98	92	98	97
LCSD	98	89	96	94
MS	98	94	95	97
Limits:	80-116	77-113	80-113	78-113

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Account# 12258 Group# 1058509 Sample# 5170555-61

ATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
~~Facsimile: (925) 463-2559~~

CHAIN OF CUSTODY FORM

Turnaround Time: ~~10 day~~ ~~3 day~~ ~~2-8 hr~~ / 7 day / ~~2 day~~ / ~~other~~ (working days) ~~5 day~~ ~~24 hr~~ ( )

Project Name: 251028 Client: Cor
Project Number: 34.75118.3105 Task: 7500
Global I.D.:
Project Address: 5300 Broadway, Oakland CA
Laboratory: Lancaster Labs Contact: Mona Meller
Lab Address/Phone: Lancaster PA 7176562300
ATC Project Manager: Wayne Moskin jmoskin@atc-associates.com
ATC PM Ph. No.: ~~(925) 225-~~ 526 960 ext 8 Email: @atc-enviro.com
ATC Sampler: JF Phone: (925) 225-7510

ATC Sample ID	Date	Time	Matrix: Soil	Matrix: Water	Matrix: Vapor	Container Information: No.	Container Information: Type	Container Information: Preservative	Field Pt. I.D.- Check if same as Sample I.D.	Analyses Requested: TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS	Fuel Oxygenates (8260B)	TPHd (8015M)/TPH-g	HVOCs (~~8010~~) 8260	SVOC's (8270)	VOCs (~~8260~~) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260		
ATC-2 D 5'	9/27/07	925	X			1	liner					X	X	X		X						X		
ATC-2 W		940		X		8	VOA/LAB	HCl																
ATC-4 D 10'		810	X			1	liner																	
ATC-5 D 10'		1140	X				liner																	
ATC-5 D 5'		1140	X																					
ATC-5 W		1155		X		8	VOA/LAB	HCl																
B-2	9/27	0950		X		8						X	X	X		X						X		
↳ analyze per JF.																								

Additional Comments: Info. #4880

EDF Format ☐

Relinquished By:		Date/Time: 9/27/07 1230	Received By:		Date/Time: 9/27/07
Relinquished By:		Date/Time:	Received By:		Date/Time:
Relinquished By:		Date/Time:	Received By:	Deborah Neal	Date/Time: 9/28/07 0915

Sample Condition. Good? (Yes) No ___ On Ice? (Yes) No ___ Cooler Temp 3.0-3.4°C Transportation Method:

Page ___ of ___

White - Lab Yellow - Lab Pink - ATC

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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