

ANALYTICAL RESULTS

Prepared for:

Chevron c/o Cambria
Suite 210
8620 Holly Drive
Everett WA 98208

425-353-6670

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425**SAMPLE GROUP**

The sample group for this submittal is 1007009. Samples arrived at the laboratory on Saturday, September 23, 2006. The PO# for this group is 91557 and the release number is THURMAN.

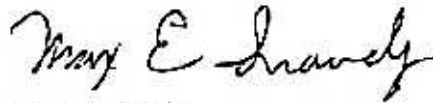
Client DescriptionMW-1 Water Sample
MW-1 Filtered Water Sample
MW-2 Water Sample
MW-3 Water Sample
MW-3 Filtered Water Sample
MW-4 Water Sample
MW-4 Filtered Water Sample
TB Water Sample**Lancaster Labs Number**4873436
4873437
4873438
4873439
4873440
4873441
4873442
4873443ELECTRONIC Cambria Environmental
COPY TO
ELECTRONIC Cambria Environmental
COPY TO

Attn: Andrea Petrusky

Attn: Anni Kreml

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,



Max E. Snavelly
Senior Specialist

Lancaster Laboratories Sample No. WW 4873436

MW-1 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:25 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

Suite 210

8620 Holly Drive

Everett WA 98208

SBT01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	66.3	0.047	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	8,100.	4,000.	ug/l	5
02096	Heavy Range Organics	n.a.	24,000.	5,000.	ug/l	5
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	6,800.	240.	ug/l	5
08357	Selected SVOAs by 8270 SIM					
08362	Naphthalene	91-20-3	35.	0.3	ug/l	25
08365	Acenaphthylene	208-96-8	0.26	0.02	ug/l	1
08366	Acenaphthene	83-32-9	0.69	0.01	ug/l	1
08368	Fluorene	86-73-7	1.0	0.01	ug/l	1
08369	Phenanthrene	85-01-8	1.5	0.01	ug/l	1
08370	Anthracene	120-12-7	0.40	0.02	ug/l	1
08372	Fluoranthene	206-44-0	0.52	0.01	ug/l	1
08373	Pyrene	129-00-0	1.3	0.02	ug/l	1
08374	Benzo(a)anthracene	56-55-3	0.23	0.02	ug/l	1
08375	Chrysene	218-01-9	0.57	0.02	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	0.48	0.02	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	0.10	0.01	ug/l	1
08378	Benzo(a)pyrene	50-32-8	0.27	0.02	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	0.22	0.02	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	0.048	0.02	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	0.46	0.02	ug/l	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					
06054	BTEx+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
05401	Benzene	71-43-2	260.	5.	ug/l	10
05407	Toluene	108-88-3	54.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	130.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	510.	5.	ug/l	10

Lancaster Laboratories Sample No. WW 4873436

MW-1 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:25 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

Suite 210

8620 Holly Drive

Everett WA 98208

SBT01

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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State of Washington Lab Certification No. C259

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
06035	Lead	SW-846 6020	1	10/04/2006 14:50	Amanda S Bitner	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/02/2006 00:26	Matthew E Barton	5
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	09/28/2006 07:11	Martha L Seidel	5
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	09/27/2006 22:41	William T Parker	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	09/28/2006 09:24	Joseph M Gambler	25
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 14:14	Dawn M Harle	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 14:38	Dawn M Harle	10
00813	BNA Water Extraction	SW-846 3510C	1	09/26/2006 02:00	David V Hershey Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2006 07:11	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2006 14:14	Dawn M Harle	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/28/2006 14:38	Dawn M Harle	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	09/28/2006 19:30	Elaine F Stoltzfus	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4873437

MW-1 Filtered Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:25 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

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Everett WA 98208

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06035	Lead	7439-92-1	0.049	0.047	ug/l	1

State of Washington Lab Certification No. C259

This sample was filtered in the lab for dissolved metals.

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	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	10/04/2006 14:52	Amanda S Bitner	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



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Lancaster Laboratories Sample No. WW 4873438

MW-2 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 09:25 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

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Everett WA 98208

SBT02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	20.5	0.047	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	210.	160.	ug/l	1
02096	Heavy Range Organics	n.a.	240.	200.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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	Analyst	Dilution Factor
				Date and Time		
06035	Lead	SW-846 6020	1	10/04/2006 14:54	Amanda S Bitner	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/01/2006 20:56	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	09/28/2006 03:03	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 15:01	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2006 03:03	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2006 15:01	Dawn M Harle	1



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Lancaster Laboratories Sample No. WW 4873438

MW-2 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 09:25 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Chevron c/o Cambria

Reported: 10/05/2006 at 13:32

Suite 210

Discard: 11/05/2006

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Everett WA 98208

SBT02

02135	Extraction - DRO Water	ECY 97-602 NWTPH-Dx	1	09/28/2006 19:30	Elaine F Stoltzfus	1
	Special	06/97				
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



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Lancaster Laboratories Sample No. WW 4873439

MW-3 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:05 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

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Everett WA 98208

SBT03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	15.5	0.047	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	200.	160.	ug/l	1
02096	Heavy Range Organics	n.a.	230.	200.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	300.	48.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
05401	Benzene	71-43-2	37.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	50.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	24.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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	Analyst	Dilution Factor
				Date and Time		
06035	Lead	SW-846 6020	1	10/04/2006 14:57	Amanda S Bitner	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/01/2006 21:15	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	09/28/2006 03:22	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 15:24	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2006 03:22	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2006 15:24	Dawn M Harle	1



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Lancaster Laboratories Sample No. WW 4873439

MW-3 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:05 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Chevron c/o Cambria

Reported: 10/05/2006 at 13:32

Suite 210

Discard: 11/05/2006

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Everett WA 98208

SBT03

02135	Extraction - DRO Water	ECY 97-602 NWTPH-Dx	1	09/28/2006 19:30	Elaine F Stoltzfus	1
	Special	06/97				
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



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Lancaster Laboratories Sample No. WW 4873440

MW-3 Filtered Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 10:05 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

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CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	N.D.	0.047	ug/l	1

State of Washington Lab Certification No. C259

This sample was filtered in the lab for dissolved metals.

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				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	10/04/2006 14:59	Amanda S Bitner	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1

Lancaster Laboratories Sample No. WW 4873441

MW-4 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 09:45 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

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Everett WA 98208

SBT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	30.3	0.047	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	170.	160.	ug/l	1
02096	Heavy Range Organics	n.a.	270.	200.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
08357	Selected SVOAs by 8270 SIM					
08362	Naphthalene	91-20-3	0.022	0.01	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.02	ug/l	1
08366	Acenaphthene	83-32-9	N.D.	0.01	ug/l	1
08368	Fluorene	86-73-7	N.D.	0.01	ug/l	1
08369	Phenanthrene	85-01-8	0.018	0.01	ug/l	1
08370	Anthracene	120-12-7	N.D.	0.02	ug/l	1
08372	Fluoranthene	206-44-0	0.013	0.01	ug/l	1
08373	Pyrene	129-00-0	0.025	0.02	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.02	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.02	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.02	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.01	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.02	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.02	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.02	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.02	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Lancaster Laboratories Sample No. WW 4873441

MW-4 Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 09:45 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

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Everett WA 98208

SBT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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State of Washington Lab Certification No. C259

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
06035	Lead	SW-846 6020	1	10/04/2006 15:01	Amanda S Bitner	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/01/2006 21:34	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	09/28/2006 03:41	Martha L Seidel	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	09/27/2006 23:24	William T Parker	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 15:47	Dawn M Harle	1
00813	BNA Water Extraction	SW-846 3510C	1	09/26/2006 02:00	David V Hershey Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2006 03:41	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2006 15:47	Dawn M Harle	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	09/28/2006 19:30	Elaine F Stoltzfus	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



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Lancaster Laboratories Sample No. WW 4873442

MW-4 Filtered Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006 09:45 by DK

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

Suite 210

8620 Holly Drive

Everett WA 98208

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Method	Units	Dilution Factor
				Detection Limit		
06035	Lead	7439-92-1	N.D.	0.047	ug/l	1

State of Washington Lab Certification No. C259

This sample was filtered in the lab for dissolved metals.

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				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	10/04/2006 15:04	Amanda S Bitner	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	09/30/2006 09:50	Mirit S Shenouda	1



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Lancaster Laboratories Sample No. WW 4873443

TB Water Sample

Facility# 91557

220 Strander Blvd. - Tukwila, WA

Collected: 09/22/2006

Account Number: 11997

Submitted: 09/23/2006 10:00

Reported: 10/05/2006 at 13:32

Discard: 11/05/2006

Chevron c/o Cambria

Suite 210

8620 Holly Drive

Everett WA 98208

SBTTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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	Analyst	Dilution Factor
				Date and Time		
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	09/27/2006 05:45	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/28/2006 16:10	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/27/2006 05:45	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/28/2006 16:10	Dawn M Harle	1

Quality Control Summary

Client Name: Chevron c/o Cambria
Reported: 10/05/06 at 01:33 PM

Group Number: 1007009

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	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06268WAD026	Sample number(s): 4873436,4873441							
Naphthalene	N.D.	0.01	ug/l	93		70-111		
Acenaphthylene	N.D.	0.02	ug/l	94		75-110		
Acenaphthene	N.D.	0.01	ug/l	91		81-109		
Fluorene	N.D.	0.01	ug/l	94		75-115		
Phenanthrene	N.D.	0.01	ug/l	96		76-114		
Anthracene	N.D.	0.02	ug/l	95		67-113		
Fluoranthene	N.D.	0.01	ug/l	97		69-123		
Pyrene	N.D.	0.02	ug/l	92		76-114		
Benzo(a)anthracene	N.D.	0.02	ug/l	91		76-111		
Chrysene	N.D.	0.02	ug/l	91		76-112		
Benzo(b)fluoranthene	N.D.	0.02	ug/l	97		56-138		
Benzo(k)fluoranthene	N.D.	0.01	ug/l	96		68-124		
Benzo(a)pyrene	N.D.	0.02	ug/l	91		64-114		
Indeno(1,2,3-cd)pyrene	N.D.	0.02	ug/l	97		76-119		
Dibenz(a,h)anthracene	N.D.	0.02	ug/l	92		60-126		
Benzo(g,h,i)perylene	N.D.	0.02	ug/l	93		74-117		
Batch number: 062700017A	Sample number(s): 4873436,4873438-4873439,4873441							
Diesel Range Organics	N.D.	0.080	mg/l	86		51-113		
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 06270A54A	Sample number(s): 4873443							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	98	97	70-130	1	30
Batch number: 06271A54A	Sample number(s): 4873436,4873438-4873439,4873441							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	100	100	70-130	0	30
Batch number: 062736050001A	Sample number(s): 4873436-4873442							
Lead	N.D.	0.00004	mg/l	104		80-120		
		7						
Batch number: D062712AA	Sample number(s): 4873436,4873438-4873439,4873441,4873443							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	87		73-119		
Benzene	N.D.	0.5	ug/l	93		85-117		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		

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

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD
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*- Outside of specification

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

Quality Control Summary

Client Name: Chevron c/o Cambria

Group Number: 1007009

Reported: 10/05/06 at 01:33 PM

<u>Analysis Name</u>	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Batch number: 06268WAD026	Sample number(s): 4873436,4873441 UNSPK: P869494								
Naphthalene	95	90	74-108	5	30				
Acenaphthylene	94	91	83-109	3	30				
Acenaphthene	98	90	86-106	8	30				
Fluorene	95	93	77-115	2	30				
Phenanthrene	97	96	56-132	1	30				
Anthracene	99	102	34-130	4	30				
Fluoranthene	85	85	57-129	0	30				
Pyrene	91	93	63-125	2	30				
Benzo(a)anthracene	94	90	70-114	4	30				
Chrysene	94	88	67-117	6	30				
Benzo(b)fluoranthene	95	84	45-140	12	30				
Benzo(k)fluoranthene	89	85	52-126	5	30				
Benzo(a)pyrene	77	62	1-149	22	30				
Indeno(1,2,3-cd)pyrene	80	56*	60-116	36*	30				
Dibenz(a,h)anthracene	78	65	52-119	18	30				
Benzo(g,h,i)perylene	67	47	47-118	35*	30				
Batch number: 062700017A	Sample number(s): 4873436,4873438-4873439,4873441 BKG: P874753								
Diesel Range Organics					N.D.	N.D.	0 (1)		20
Heavy Range Organics					N.D.	N.D.	0 (1)		20
Batch number: 06270A54A	Sample number(s): 4873443 UNSPK: P873423								
TPH by NWTPH-Gx waters	91		63-154						
Batch number: 06271A54A	Sample number(s): 4873436,4873438-4873439,4873441 UNSPK: P873434								
TPH by NWTPH-Gx waters	90		63-154						
Batch number: 062736050001A	Sample number(s): 4873436-4873442 UNSPK: P873429 BKG: P873429								
Lead	103	101	75-125	2	20	0.000086	0.000061	35* (1)	20
Batch number: D062712AA	Sample number(s): 4873436,4873438-4873439,4873441,4873443 UNSPK: P874537								
Methyl Tertiary Butyl Ether	85	93	69-127	3	30				
Benzene	100	101	83-128	1	30				
Toluene	105	104	83-127	1	30				
Ethylbenzene	101	101	82-129	0	30				
Xylene (Total)	102	103	82-130	1	30				

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: Selected SVOAs by 8270 SIM

Batch number: 06268WAD026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4873436	258*	83	96
4873441	103	96	114
Blank	98	90	93
LCS	93	94	93
MS	102	96	93
MSD	102	90	96
Limits:	57-137	60-115	64-123

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron c/o Cambria
Reported: 10/05/06 at 01:33 PM

Group Number: 1007009

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 062700017A
Orthoterphenyl

4873436	98
4873438	93
4873439	92
4873441	91
Blank	69
DUP	91
LCS	114

Limits: 50-150

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06270A54A
Trifluorotoluene-F

4873443	92
Blank	93
LCS	85
LCSD	85
MS	87

Limits: 63-135

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06271A54A
Trifluorotoluene-F

4873436	98
4873438	99
4873439	89
4873441	97
Blank	96
LCS	88
LCSD	84
MS	85

Limits: 63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: D062712AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4873436	99	94	100	106
4873438	103	93	92	89
4873439	100	94	96	97
4873441	104	96	98	94
4873443	103	97	96	91
Blank	102	99	94	94
LCS	98	93	95	100
MS	101	95	97	102
MSD	100	93	98	102

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron c/o Cambria
Reported: 10/05/06 at 01:33 PM

Group Number: 1007009

Surrogate Quality Control

*- Outside of specification

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

COC 1 of 1

COC Revision Seattle, 09/19/06

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 <u>limit of quantitation</u> , 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 quantitated 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.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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