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

ANALYTICAL RESULTS

Prepared for:

Chevron
5000 State Route 128
HOOVEN OH 45033

Prepared by:

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

December 22, 2009

Project: Barrier Monitoring Network 4Q-2009

Samples arrived at the laboratory on Wednesday, December 09, 2009. The PO# for this group is 0015039270 and the release number is 50008931. The group number for this submittal is 1174348.

Client Sample Description	Lancaster Labs (LLI) #
MW-135D,120809 Grab Water	5858865
MW-135D,120809 Filtered Grab Water	5858866
MW-135I,120809 Grab Water	5858867
MW-135I,120809 Filtered Grab Water	5858868
MW-135S,120809 Grab Water	5858869
MW-135S,120809 Filtered Grab Water	5858870
BMW-1D,120809 Grab Water	5858871
BMW-1D,120809 Filtered Grab Water	5858872
BMW-1I,120809 Grab Water	5858873
BMW-1I,120809 Filtered Grab Water	5858874
BMW-1S,120809 Grab Water	5858875
BMW-1S,120809 Filtered Grab Water	5858876
MW-136D,120809 Grab Water	5858877
MW-136D,120809 Filtered Grab Water	5858878
Trip Blank NA Water	5858879

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC Trihydro Corporation Attn: Trihydro Database

Lancaster Laboratories

Analysis Report

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COPY TO		
ELECTRONIC	Trihydro Corporation	Attn: Tim Gunn
COPY TO		
ELECTRONIC	Trihydro Corporation	Attn: Matthew Mitchell
COPY TO		

Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300

Respectfully Submitted,

Susan M. Goshert
Group Leader

Analysis Report

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Sample Description: MW-135D,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858865
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 10:37 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B135D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 06:34	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 06:34	Holly Berry	1

Analysis Report

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Sample Description: MW-135D,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858866
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 10:37 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

F135D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 03:58	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:32	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: MW-135I,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858867
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 11:50 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B135I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 06:55	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 06:55	Holly Berry	1

Analysis Report

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Sample Description: MW-135I,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858868
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 11:50 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

F135I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:02	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:36	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: MW-135S,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858869
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 12:40 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B135S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 07:15	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 07:15	Holly Berry	1

Analysis Report

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Sample Description: MW-135S,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858870
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 12:40 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

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5000 State Route 128
HOOVEN OH 45033

F135S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:10	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:46	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: BMW-1D,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858871
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 13:25 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

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HOOVEN OH 45033

BMW1D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 07:38	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 07:38	Holly Berry	1

Analysis Report

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Sample Description: BMW-1D,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858872
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 13:25 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

FMW1D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:13	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:50	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: BMW-1I,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858873
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 14:15 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

BMW1I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 07:59	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 07:59	Holly Berry	1

Analysis Report

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Sample Description: BMW-1I,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858874
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 14:15 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

FMW1I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:16	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:53	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: BMW-1S,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858875
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 15:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

BMW1S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 08:20	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 08:20	Holly Berry	1

Analysis Report

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Sample Description: BMW-1S,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858876
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 15:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

FMW1S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:19	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 07:57	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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Sample Description: MW-136D,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858877
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 17:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B136D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1
GC Miscellaneous	**SW-846 8000B**		**ug/l**	**ug/l**	
08097	CO2 by Headspace	124-38-9	8,700 J	4,000	1
GC Miscellaneous	**SW-846 8015B modified**		**ug/l**	**ug/l**	
07105	Methane	74-82-8	N.D.	10	1
	Due to interfering peaks on the chromatogram, the values reported represent the lowest reporting limits attainable.				
Metals	**SW-846 6010B**		**mg/l**	**mg/l**	
01750	Calcium	7440-70-2	69.6	0.0702	1
01754	Iron	7439-89-6	0.0545 J	0.0522	1
01757	Magnesium	7439-95-4	29.0	0.0172	1
07058	Manganese	7439-96-5	0.429	0.00084	1
01762	Potassium	7440-09-7	4.22	0.239	1
01767	Sodium	7440-23-5	43.1	0.433	1
	SW-846 6010B modified		**mg/l**	**mg/l**	
02268	Ferric Iron	n.a.	N.D.	0.052	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	77.6	4.0	20
00228	Sulfate	14808-79-8	57.7	6.0	20
	EPA 351.2		**mg/l**	**mg/l**	
00217	Kjeldahl Nitrogen	n.a.	N.D.	0.50	1
	EPA 353.2		**mg/l**	**mg/l**	
00220	Nitrate Nitrogen	14797-55-8	1.5	0.040	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	1
	EPA 415.1		**mg/l**	**mg/l**	
01550	Total Carbon	n.a.	70.1	0.50	2
06090	Total Inorganic Carbon	n.a.	68.2	0.50	1
00273	Total Organic Carbon	n.a.	1.8	0.50	1
	SM20 2320 B		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	241	0.46	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.46	1

Analysis Report

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

Sample Description: MW-136D,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858877
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 17:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B136D

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Wet Chemistry		**SM20 3500 Fe B modified**		**mg/l**	**mg/l**	
08344	Ferrous Iron		n.a.	0.012 J	0.010	1
		SM20 4500 S2 D		**mg/l**	**mg/l**	
00230	Sulfide		18496-25-8	N.D.	0.054	1
		SM20 4500NH3 B/C modified		**mg/l**	**mg/l**	
00221	Ammonia Nitrogen		7664-41-7	N.D.	0.20	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009	08:41	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009	08:41	Holly Berry	1
08097	CO2 by Headspace	SW-846 8000B	1	093440000A	12/11/2009	09:46	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	093450000A	12/15/2009	12:46	Dustin A Underkoffler	1
01750	Calcium	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
01757	Magnesium	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
01762	Potassium	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
01767	Sodium	SW-846 6010B	1	093481848002	12/19/2009	04:23	John W Yanzuk II	1
02268	Ferric Iron	SW-846 6010B modified	1	093562268001	12/22/2009	09:19	Parker D Lindstrom	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009	15:21	James L Mertz	1
00224	Chloride	EPA 300.0	1	09349196602B	12/16/2009	00:27	Ashley M Adams	20
00228	Sulfate	EPA 300.0	1	09349196602B	12/16/2009	00:27	Ashley M Adams	20
00217	Kjeldahl Nitrogen	EPA 351.2	1	09346108101A	12/13/2009	09:23	Joseph E McKenzie	1
00220	Nitrate Nitrogen	EPA 353.2	1	09350106101A	12/16/2009	19:32	Joseph E McKenzie	1
00219	Nitrite Nitrogen	EPA 353.2	1	09343105101A	12/09/2009	20:00	Joseph E McKenzie	1
01550	Total Carbon	EPA 415.1	2	09350049501A	12/16/2009	02:41	James S Mathiot	2
06090	Total Inorganic Carbon	EPA 415.1	1	09351049505A	12/17/2009	03:08	James S Mathiot	1
00273	Total Organic Carbon	EPA 415.1	1	09344049501A	12/10/2009	02:29	James S Mathiot	1
01460	Total Kjeldahl Nitrogen Digest	EPA 351.2	1	09346108101A	12/12/2009	12:40	Carolyn M Mastropietro	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09349020201A	12/15/2009	13:43	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09349020201A	12/15/2009	13:43	Geraldine C Smith	1

Analysis Report

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

Sample Description: MW-136D,120809 Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858877
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 17:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

B136D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08344	Ferrous Iron	SM20 3500 Fe B modified	1	09343834401A	12/09/2009 22:00	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	09344023002A	12/10/2009 20:47	Geraldine C Smith	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	09344022101A	12/10/2009 18:30	Luz M Groff	1

Analysis Report

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

Sample Description: MW-136D,120809 Filtered Grab Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858878
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 17:00 by JH

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

F136D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	N.D.	0.0072	1
07055	Lead	7439-92-1	N.D.	0.0069	1
07058	Manganese	7439-96-5	0.427	0.00084	1

General Sample Comments

This sample was field filtered for metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	093481848002	12/19/2009 04:26	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	093481848002	12/22/2009 08:01	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	093481848002	12/19/2009 04:26	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	093481848002	12/14/2009 15:21	James L Mertz	1

Analysis Report

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

Sample Description: Trip Blank NA Water
Barrier Monitoring Network 4Q-2009

LLI Sample # WW 5858879
LLI Group # 1174348
OH

Project Name: Barrier Monitoring Network 4Q-2009

Collected: 12/08/2009 17:45

Account Number: 11494

Submitted: 12/09/2009 09:25
Reported: 12/22/2009 at 09:24
Discard: 02/21/2010

Chevron
5000 State Route 128
HOOVEN OH 45033

BAR-T

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06291	Benzene	71-43-2	N.D.	0.5	1
06291	Chlorobenzene	108-90-7	N.D.	0.8	1
06291	Ethylbenzene	100-41-4	N.D.	0.8	1
06291	Toluene	108-88-3	N.D.	0.7	1
06291	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y093441AA	12/10/2009 09:02	Holly Berry	1
06291	TCL by 8260 (water)	SW-846 8260B	1	Y093441AA	12/10/2009 09:02	Holly Berry	1

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1174348
Reported: 12/22/09 at 09:24 AM

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: Y093441AA	Sample number(s): 5858865,5858867,5858869,5858871,5858873,5858875,5858877,5858879							
Benzene	N.D.	0.5	ug/l	102		79-120		
Chlorobenzene	N.D.	0.8	ug/l	104		80-120		
Ethylbenzene	N.D.	0.8	ug/l	100		79-120		
Toluene	N.D.	0.7	ug/l	104		79-120		
Xylene (Total)	N.D.	0.8	ug/l	101		80-120		
Batch number: 093440000A	Sample number(s): 5858877							
CO2 by Headspace	N.D.	4,000.	ug/l	86		67-124		
Batch number: 093450000A	Sample number(s): 5858877							
Methane	N.D.	10.	ug/l	88		80-120		
Batch number: 093481848002	Sample number(s): 5858866,5858868,5858870,5858872,5858874,5858876-5858878							
Arsenic	N.D.	0.0072	mg/l	101		89-115		
Calcium	N.D.	0.0702	mg/l	102		90-112		
Iron	N.D.	0.0522	mg/l	102		90-112		
Lead	N.D.	0.0069	mg/l	102		80-120		
Magnesium	N.D.	0.0172	mg/l	100		89-110		
Manganese	N.D.	0.00084	mg/l	101		90-110		
Potassium	N.D.	0.239	mg/l	98		85-115		
Sodium	N.D.	0.433	mg/l	107		87-114		
Batch number: 09343105101A	Sample number(s): 5858877							
Nitrite Nitrogen	N.D.	0.015	mg/l	99		90-110		
Batch number: 09344049501A	Sample number(s): 5858877							
Total Organic Carbon	N.D.	0.50	mg/l	100		91-113		
Batch number: 09346108101A	Sample number(s): 5858877							
Kjeldahl Nitrogen	N.D.	0.50	mg/l	101		90-110		
Batch number: 09349196602B	Sample number(s): 5858877							
Chloride	N.D.	0.20	mg/l	99		90-110		
Sulfate	N.D.	0.30	mg/l	100		89-110		
Batch number: 09350049501A	Sample number(s): 5858877							
Total Carbon	N.D.	0.50	mg/l	103		80-120		
Batch number: 09350106101A	Sample number(s): 5858877							
Nitrate Nitrogen	N.D.	0.040	mg/l	102		90-110		
Batch number: 09343834401A	Sample number(s): 5858877							
Ferrous Iron	N.D.	0.010	mg/l	100		92-105		
Batch number: 09344022101A	Sample number(s): 5858877							

*- Outside of specification
(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.

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1174348
Reported: 12/22/09 at 09:24 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ammonia Nitrogen	N.D.	0.20	mg/l	93	92	85-105	1	5
Batch number: 09344023002A	Sample number(s): 5858877							
Sulfide	N.D.	0.054	mg/l	98		90-110		
Batch number: 09349020201A	Sample number(s): 5858877							
Alkalinity to pH 4.5	N.D.	0.46	mg/l as CaCO3	100		98-103		

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: Y093441AA	Sample number(s): 5858865,5858867,5858869,5858871,5858873,5858875,5858877,5858879 UNSPK: P858932								
Benzene	109	108	80-126	1	30				
Chlorobenzene	110	108	87-124	2	30				
Ethylbenzene	104	104	71-134	0	30				
Toluene	110	111	80-125	1	30				
Xylene (Total)	105	104	79-125	1	30				
Batch number: 093440000A	Sample number(s): 5858877 UNSPK: P853378								
CO2 by Headspace	75	75	15-145	0	20				
Batch number: 093450000A	Sample number(s): 5858877 UNSPK: 5858877								
Methane	68	82	35-157	18	20				
Batch number: 093481848002	Sample number(s): 5858866,5858868,5858870,5858872,5858874,5858876-5858878 UNSPK: P858880 BKG: P858880								
Arsenic	102	103	75-125	1	20	0.0257	0.0278	8 (1)	20
Calcium	167 (2)	54 (2)	75-125	3	20	162	166	3	20
Iron	148 (2)	84 (2)	75-125	3	20	22.1	22.8	3	20
Lead	94	114	75-125	19	20	N.D.	N.D.	0 (1)	20
Magnesium	137 (2)	79 (2)	75-125	2	20	45.8	47.0	3	20
Manganese	99 (2)	86 (2)	75-125	2	20	3.05	3.11	2	20
Potassium	105	101	75-125	2	20	3.46	3.64	5	20
Sodium	37 (2)	30 (2)	75-125	0	20	214	204	5	20
Batch number: 09343105101A	Sample number(s): 5858877 UNSPK: P858691 BKG: P858691								
Nitrite Nitrogen	100		90-110			N.D.	N.D.	0 (1)	20
Batch number: 09344049501A	Sample number(s): 5858877 UNSPK: P858839 BKG: P858839								
Total Organic Carbon	102		64-141			13.1	13.2	1	4
Batch number: 09346108101A	Sample number(s): 5858877 UNSPK: P859882 BKG: P859882								
Kjeldahl Nitrogen	96		90-110			N.D.	N.D.	0 (1)	20
Batch number: 09349196602B	Sample number(s): 5858877 UNSPK: 5858877 BKG: 5858877								
Chloride	104		90-110			77.6	78.3	1	20

*- Outside of specification
(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.

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1174348
Reported: 12/22/09 at 09:24 AM

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
Sulfate	105		90-110			57.7	57.5	0 (1)	20
Batch number: 09350049501A	Sample number(s): 5858877 UNSPK: P858691 BKG: P858691								
Total Carbon	87		72-132			24.1	25.6	6	20
Batch number: 09350106101A	Sample number(s): 5858877 UNSPK: P859533 BKG: P859533								
Nitrate Nitrogen	30*		90-110			3.0	3.3	10*	2
Batch number: 09343834401A	Sample number(s): 5858877 UNSPK: P858907 BKG: P858907								
Ferrous Iron	99	99	66-130	0	6	6.4	6.5	2 (1)	10
Batch number: 09344022101A	Sample number(s): 5858877 BKG: P858920								
Ammonia Nitrogen						2.8	2.6	6* (1)	2
Batch number: 09344023002A	Sample number(s): 5858877 UNSPK: P854947 BKG: P854947								
Sulfide	90	89	69-133	1	18	N.D.	N.D.	0 (1)	7
Batch number: 09349020201A	Sample number(s): 5858877 UNSPK: 5858877 BKG: 5858877								
Alkalinity to pH 4.5	99	98	64-130	0	2	241	242	1	4
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4

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: TCL by 8260 (water)
Batch number: Y093441AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5858865	102	94	93	88
5858867	103	96	94	87
5858869	104	97	93	86
5858871	103	95	93	86
5858873	103	97	93	86
5858875	103	96	93	86
5858877	104	98	93	86
5858879	104	98	93	86
Blank	100	94	93	89
LCS	98	94	99	99
MS	97	95	99	100
MSD	96	93	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 093450000A

	Propene
5858877	68

*- Outside of specification
(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.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1174348
Reported: 12/22/09 at 09:24 AM

Surrogate Quality Control

Blank	102
LCS	98
MS	61
MSD	78
Limits:	42-131

*- Outside of specification
(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.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 11494 Group# 174348 Sample # 5858865-79

COC # 211753

temp = 2.9-3.5°C

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: CHEVRON Acct. #: 11494
Project Name/#: Barrier Monitoring Network 4Q-2009 PWSID #: MWCW1760020
Project Manager: Doug Lam P.O.#:
Sampler: John Hall Quote #:
Name of state where samples were collected: OHIO

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	VOC's 8260	Dissolved As 1126	MNA	Manganese Dis					Remarks	Temperature of samples upon receipt (if requested)
MW-135D, 120809	12-08-09	1037	X			X		4	X	X							See Attached Analyte List	
MW-135I, 120809	12-08-09	11:50	X			X		4	X	X								
MW-135S, 120809	12-08-09	12:40	X			X		4	X	X							Dissolved Metals Are Field Filtered	
BMW-1D, 120809	12-08-09	1325	X			X		4	X	X								
BMW-1I, 120809	12-08-09	1415	X			X		4	X	X							QC Summary Data Package	
BMW-1S, 120809	12-08-09	1500	X			X		4	X	X								
MW-136D, 120809	12-08-09	1700	X			X		20	X	X	X	X						
Trip Blank	12-08-09	1745	X			X		2	X									

(7)
Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 513 353 1323 Fax #: 513 353 4664
E-mail address: MMitchell@trihydro.com

(8)
Data Package Options (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	12/8/09	1900			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	12/9/09	925

Barrier Monitoring Network Sampling 2Q 2009
Analytical Requests for Groundwater
Chevron Cincinnati Facility, Hooven, Ohio

VOLATILE ORGANICS

Benzene
Chlorobenzene
Ethylbenzene
Toluene
Xylenes (total)

DISSOLVED METALS – FIELD FILTERED

Arsenic
Lead
Manganese

MNA PARAMETERS

Alkalinity to pH 4.5
Alkalinity to pH 8.3
Ammonia Nitrogen
Calcium
Carbon Dioxide
Chloride
Iron (II) and Iron (III)
Magnesium
Total Manganese
Methane
Nitrate Nitrogen
Nitrite Nitrogen
Potassium
Sodium
Sulfate
Sulfide
Total Kjeldahl Nitrogen
Total Organic Carbon
Total Inorganic Carbon

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Chevron

Date of Receipt: 12/9/09

Time of Receipt: 925

Source Code: 50·1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	0429865	3.2°C	TB	WI	Y	L	
2	↓	2.9°C	↓	↓	↓	↓	
3	↓	3.5°C	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Mary Bun	12/9/09	1050	Unpacking / Storage
Mary Beth Reed	12/9/09	1054	Place in Storage or (Entry)
			Entry
			Entry

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.

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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