ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH03
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 21, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	TB112408	5540262	Water
2	RMP-14(0-6)	5540263	Water
3	RMP-12-SW-PRE	5540264	Water
3MS	RMP-12-SW-PREMS	5540264MS	Water
3MSD	RMP-12-SW-PREMSD	5540264MSD	Water
4	RMP-12(0-6)	5540265	Water
5	RMP-08(0-6)	5540266	Water
6	RMP-04(0-6)	5540267	Water
7	RMP-01(0-6)	5540268	Water
8	RMP-11-SW-POST	5540269	Water

* VOC only

A Data Usability Summary Review was performed on the analytical data for seven water samples and one aqueous trip blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Two SVOC compounds were qualified as estimated in one sample due to a low MS/MSD recoveries

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
3	Benzene	116%/Ok/Ok	None - Sample ND
	Toluene	117%/Ok/Ok	None - Sample ND

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TB112408	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The table below presents samples with surrogate recoveries outside of acceptance limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Surrogate	Deficiency %R	Qualifier	Affected Samples
Several	Several	Low	None	Diluted Out

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
2	Phenanthrene	Ok/Ok/107	None for RPD only
	Fluoranthene	0%/Ok/200	J
	Pyrene	-10%/Ok/308	J
	Benzo (a) anthracene	Ok/Ok/35	None for RPD only
	Chrysene	Ok/Ok/45	None for RPD only
	Benzo (b) fluoranthene	Ok/Ok/34	None for RPD only

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not included in this data package.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Total and Free Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All MS/MSD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- All criteria were met.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5540262 **Group No. 1121819**

TB112408 Water Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHTB SDG#: COH03-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	12/03/2008 18:58	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/03/2008 18:58	Nicholas P Riehl	1

COH03-0020

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LW 6/21/09

Lancaster Laboratories

2

Lancaster Laboratories Sample No. SW5540263 Group No. 1121819

RMP-14(0-6) Grab Soil Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 09:30 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH14 SDG#: COH03-02

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	20.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.34	J	0.22	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	900		42	ug/kg	1
01195	Pyrene	129-00-0	5,300	J	210	ug/kg	5
03761	Naphthalene	91-20-3	130	J	42	ug/kg	1
03765	Acenaphthylene	208-96-8	380		42	ug/kg	1
03768	Fluorene	86-73-7	680		42	ug/kg	1
03775	Phenanthrene	85-01-8	2,800		42	ug/kg	1
03776	Anthracene	120-12-7	970		42	ug/kg	1
03778	Fluoranthene	206-44-0	3,700	J	42	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,300		42	ug/kg	1
03782	Chrysene	218-01-9	1,300		42	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	990		42	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	420		42	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,000		42	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	470		42	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	120	J	42	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	560		42	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	0.9	J	0.6	ug/kg	0.99
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.99
05474	Ethylbenzene	100-41-4	1	J	1	ug/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.99

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

Laboratory Chronicle

COH03 0021

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LW 6/21/09

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5540264 **Group No. 1121819**

RMP-12-SW-PRE Grab Water Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 10:00 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO12W SDG#: COH03-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	12/04/2008 18:12	Venia B McFadden	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	12/04/2008 18:40	William T Parker	1

COH03 0023

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RW 6/21/09

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5540265 Group No. 1121819

RMP-12(0-6) Grab Soil Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 10:15 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH12 SDG#: COH03-04

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	23.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.32	J	0.22	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	29,000		440	ug/kg	10
01195	Pyrene	129-00-0	140,000		2,200	ug/kg	50
03761	Naphthalene	91-20-3	1,400	J	440	ug/kg	10
03765	Acenaphthylene	208-96-8	21,000		440	ug/kg	10
03768	Fluorene	86-73-7	19,000		440	ug/kg	10
03775	Phenanthrene	85-01-8	85,000		2,200	ug/kg	50
03776	Anthracene	120-12-7	41,000		440	ug/kg	10
03778	Fluoranthene	206-44-0	95,000		2,200	ug/kg	50
03781	Benzo(a)anthracene	56-55-3	45,000		440	ug/kg	10
03782	Chrysene	218-01-9	43,000		440	ug/kg	10
03786	Benzo(b)fluoranthene	205-99-2	29,000		440	ug/kg	10
03787	Benzo(k)fluoranthene	207-08-9	13,000		440	ug/kg	10
03788	Benzo(a)pyrene	50-32-8	37,000		440	ug/kg	10
03789	Indeno(1,2,3-cd)pyrene	193-39-5	13,000		440	ug/kg	10
03790	Dibenz(a,h)anthracene	53-70-3	4,100		440	ug/kg	10
03791	Benzo(g,h,i)perylene	191-24-2	16,000		440	ug/kg	10
	Due to the sample matrix an initial dilution was necessary to perform the analysis. Therefore, the reporting limits for the GC/MS semivolatile compounds were raised.						
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	87	J	31	ug/kg	46.82
05466	Toluene	108-88-3	N.D.		62	ug/kg	46.82
05474	Ethylbenzene	100-41-4	1,400		62	ug/kg	46.82
06301	Xylene (Total)	1330-20-7	540		62	ug/kg	46.82
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

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

COH03 8825

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LW 6/2/09

Lancaster Laboratories

5

Lancaster Laboratories Sample No. SW5540266 Group No. 1121819

RMP-08(0-6) Grab Soil Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 10:55 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH08 SDG#: COH03-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	23.5		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.36	J	0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	27,000		870	ug/kg	20
01195	Pyrene	129-00-0	31,000		870	ug/kg	20
03761	Naphthalene	91-20-3	1,500		44	ug/kg	1
03765	Acenaphthylene	208-96-8	4,500		44	ug/kg	1
03768	Fluorene	86-73-7	14,000		870	ug/kg	20
03775	Phenanthrene	85-01-8	30,000		870	ug/kg	20
03776	Anthracene	120-12-7	13,000		870	ug/kg	20
03778	Fluoranthene	206-44-0	20,000		870	ug/kg	20
03781	Benzo(a)anthracene	56-55-3	10,000		870	ug/kg	20
03782	Chrysene	218-01-9	9,700		870	ug/kg	20
03786	Benzo(b)fluoranthene	205-99-2	6,200		870	ug/kg	20
03787	Benzo(k)fluoranthene	207-08-9	2,300		44	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	8,400		870	ug/kg	20
03789	Indeno(1,2,3-cd)pyrene	193-39-5	2,700		44	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	740		44	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	3,400		44	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	59	J	31	ug/kg	47.89
05466	Toluene	108-88-3	N.D.		63	ug/kg	47.89
05474	Ethylbenzene	100-41-4	240	J	63	ug/kg	47.89
06301	Xylene (Total)	1330-20-7	190	J	63	ug/kg	47.89
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

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

COH03 0027

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LW 6/11/09

Analysis Report

Lancaster Laboratories

6

Lancaster Laboratories Sample No. SW5540267 **Group No. 1121819**

RMP-04(0-6) Grab Soil Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 11:45 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH04 SDG#: COH03-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	19.0		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.21	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	140	J	41	ug/kg	1
01195	Pyrene	129-00-0	170	J	41	ug/kg	1
03761	Naphthalene	91-20-3	110	J	41	ug/kg	1
03765	Acenaphthylene	208-96-8	89	J	41	ug/kg	1
03768	Fluorene	86-73-7	N.D.		41	ug/kg	1
03775	Phenanthrene	85-01-8	84	J	41	ug/kg	1
03776	Anthracene	120-12-7	49	J	41	ug/kg	1
03778	Fluoranthene	206-44-0	110	J	41	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	82	J	41	ug/kg	1
03782	Chrysene	218-01-9	96	J	41	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	100	J	41	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	43	J	41	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	90	J	41	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	56	J	41	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		41	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	54	J	41	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	0.95
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.95
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.95
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.95

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

Laboratory Chronicle

COH03 0029

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MW 12/11/09

Lancaster Laboratories

7

Lancaster Laboratories Sample No. SW5540268 **Group No. 1121819**

RMP-01(0-6) Grab Soil Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 12:10 by JM

Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH01 SDG#: COH03-07

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	49.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.58	J	0.34	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	3,400		66	ug/kg	1
01195	Pyrene	129-00-0	6,100		66	ug/kg	1
03761	Naphthalene	91-20-3	280	J	66	ug/kg	1
03765	Acenaphthylene	208-96-8	860		66	ug/kg	1
03768	Fluorene	86-73-7	910		66	ug/kg	1
03775	Phenanthrene	85-01-8	5,700		66	ug/kg	1
03776	Anthracene	120-12-7	1,500		66	ug/kg	1
03778	Fluoranthene	206-44-0	5,200		66	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	2,300		66	ug/kg	1
03782	Chrysene	218-01-9	2,400		66	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	2,000		66	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	890		66	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,900		66	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	970		66	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	320	J	66	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	1,100		66	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		1	ug/kg	0.96
05466	Toluene	108-88-3	N.D.		2	ug/kg	0.96
05474	Ethylbenzene	100-41-4	N.D.		2	ug/kg	0.96
06301	Xylene (Total)	1330-20-7	N.D.		2	ug/kg	0.96

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

Laboratory Chronicle

COH03 0031

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

6/21/09

Lancaster Laboratories

8

Lancaster Laboratories Sample No. WW5540269 Group No. 1121819

RMP-11-SW-POST Grab Water Sample
COC 198299
Cohoes, NY Site
Collected:11/24/2008 12:35 by JM Account Number: 09286

Submitted: 11/25/2008 09:55
Reported: 12/11/2008 at 21:02
Discard: 12/26/2008

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO11W SDG#: COH03-08*

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	1	J	1	ug/l	1
03954	Acenaphthene	83-32-9	10		1	ug/l	1
03956	Fluorene	86-73-7	8		1	ug/l	1
03963	Phenanthrene	85-01-8	28		1	ug/l	1
03964	Anthracene	120-12-7	9		1	ug/l	1
03966	Fluoranthene	206-44-0	8		1	ug/l	1
03967	Pyrene	129-00-0	12		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	3	J	1	ug/l	1
03971	Chrysene	218-01-9	3	J	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	2	J	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	2	J	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	6		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1

The recovery of acenaphthene and flouranthene were outside of QC limits in the LCSD. This sample was re-extracted outside of the method required holding time, and acenaphthene and flouranthene were within QC limits. Comparable data was observed between the two extractions. The data reported here is from the initial extraction of the sample.

02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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

COH03 0033

Lancaster Laboratories, Inc.
2425 New Holland Pike
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lw 6/21/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: RMP-14 (0-6)
Lab Sample ID: 220-7340-1
Lab Name: TestAmerica Connecticut
Job No.: 220-7340-1
SDG ID.: 220-7340
Matrix: Solid
Date Sampled: 11/24/2008 09:30
Reporting Basis: DRY
Date Received: 11/26/2008 09:45
% Solids: 81.0

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	44	74	7.5	ug/Kg	J		1	D4282

MW 6/21/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: RMP-12 (O-6)
Lab Sample ID: 220-7340-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7340-1
SDG ID.: 220-7340
Matrix: Solid
Date Sampled: 11/24/2008 10:15
Reporting Basis: DRY
Date Received: 11/26/2008 09:45
% Solids: 83.8

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	36	72	7.3	ug/Kg	J		1	D4282

LW 6/12/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

4

Client Sample ID: RMP-08 (0-6)
Lab Sample ID: 220-7340-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7340-1
SDG ID.: 220-7340
Matrix: Solid
Date Sampled: 11/24/2008 10:55
Reporting Basis: DRY
Date Received: 11/26/2008 09:45
% Solids: 79.3

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	38	76	7.7	ug/Kg	J		1	D4282

6/21/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

5

Client Sample ID: RMP-04 (0-6)
Lab Sample ID: 220-7340-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7340-1
SDG ID.: 220-7340
Matrix: Solid
Date Sampled: 11/24/2008 11:45
Reporting Basis: DRY
Date Received: 11/26/2008 09:45
% Solids: 83.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	21	71	7.3	ug/Kg	J		1	D4282

6/21/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

6

Client Sample ID: RMP-01 (0-6)
Lab Sample ID: 220-7340-5
Lab Name: TestAmerica Connecticut
Job No.: 220-7340-1
SDG ID.: 220-7340
Matrix: Solid
Date Sampled: 11/24/2008 12:10
Reporting Basis: DRY
Date Received: 11/26/2008 09:45
% Solids: 66.6

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	36	90	9.2	ug/Kg	J		1	D4282

RLW 6/21/09

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH04
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 21, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-41-4-6	5556488	Soil
2	SB-41-8-10	5556489	Soil
3	SB-40-2-4	5556490	Soil
4	SB-40-8-10	5556491	Soil
5	MW-18R-4-6	5561886	Soil
6	MW-18R-6-8	5561887	Soil
7*	RI3-SS-5	5561888	Soil
8*	RI3-SS-6	5561889	Soil
8MS*	RI3-SS-6MS	5561890	Soil
8MSD*	RI3-SS-6MSD	5561891	Soil
9*	RI3-SS-4	5561893	Soil
10*	FB121708	5561894	Water
11*	DUP121708	5561895	Soil
12*	RI3-SS-1	5561896	Soil
13*	RI3-SS-3	5561897	Soil
14*	RI3-SS-2	5561898	Soil
15	SB-52-4-6	5562713	Soil
16	SB-52-10-12	5562714	Soil
17	SB-53-6-8	5562715	Soil
18	SB-53-10-12	5562716	Soil

* - SVOC/Cyanide only

A Data Usability Summary Review was performed on the analytical data for seventeen soil samples and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- All VOC compound were qualified as estimated in three samples due to low surrogate recoveries.
- All SVOC compounds were qualified as estimated in one sample due to low surrogate recoveries.
- Two SVOC compounds were qualified as estimated in one sample due to a low MS/MSD recoveries.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values except the following.

Sample ID	Surrogate	%R	Qualifier
15	4-Bromofluorobenzene	69%	J/UJ
16	4-Bromofluorobenzene	69%	J/UJ
18	4-Bromofluorobenzene	66%	J/UJ

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not included in this data package.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in the data package.

Semivolatile Organics Compounds (SVOC)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The table below presents samples with surrogate recoveries outside of acceptance limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Surrogate	Deficiency %R	Qualifier	Affected Samples
8	S1=Terphenyl-d14	42%	J/UJ	All compounds
	S3=2-Fluorobiphenyl	50%	J/UJ	All compounds

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
8	Acenaphthylene	62%/104%/51	J/UJ
	Fluorene	56%/Ok/53	J/UJ

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	Deficiency %R	Qualifier	Affected Samples
355WFLCS	Fluoranthene	107%	None	All associated ND

Method Blank

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB121708	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	RI3-SS-4 ug/L	DUP121708 ug/L	RPD	Qualifier
Acenaphthene	62	64	3%	None
Pyrene	1000	1100	10%	None
Acenaphthylene	81	49	49%	None
Fluorene	72	76	5%	None
Phenanthrene	680	890	27%	None
Anthracene	180	170	6%	None
Fluoranthene	890	1100	21%	None
Benzo(a)anthracene	540	540	0%	None
Chrysene	540	540	0%	None
Benzo(b)fluoranthene	620	610	2%	None
Benzo(k)fluoranthene	240	240	0%	None
Benzo(a)pyrene	460	440	4%	None
Indeno(1,2,3-cd)pyrene	300	250	18%	None
Dibenz (a,h) anthracene	89	94	5%	None
Benzo(g,h,i)perylene	350	300	15%	None

Total and Free Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All MS/MSD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FB121708	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Cyanide				
Compound	RI3-SS-4 mg/kg	DUP121708 mg/kg	RPD	Qualifier
Total cyanide	0.25	0.25	0%	None

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5556488 **Group No. 1124464**

SB-41-4-6 Grab Soil Sample
COC 201367
Cohoes, NY Site
Collected:12/10/2008 08:25 by CJM

Account Number: 09286

Submitted: 12/12/2008 10:15
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C41-4 SDG#: COH04-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	18.2		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.21	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		41	ug/kg	1
01195	Pyrene	129-00-0	1,100		41	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		41	ug/kg	1
03765	Acenaphthylene	208-96-8	130	J	41	ug/kg	1
03768	Fluorene	86-73-7	N.D.		41	ug/kg	1
03775	Phenanthrene	85-01-8	330		41	ug/kg	1
03776	Anthracene	120-12-7	85	J	41	ug/kg	1
03778	Fluoranthene	206-44-0	810		41	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	610		41	ug/kg	1
03782	Chrysene	218-01-9	660		41	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,100		41	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	360		41	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	890		41	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	550		41	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	130	J	41	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	680		41	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	1.02
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.02
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.02
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.02

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

Laboratory Chronicle

COH04 0037

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MW 6/24/09

Analysis Report

Lancaster Laboratories

2

Lancaster Laboratories Sample No. SW5556489 Group No. 1124464

SB-41-8-10 Grab Soil Sample
COC 201367
Cohoes, NY Site
Collected:12/10/2008 08:50 by CJM

Account Number: 09286

Submitted: 12/12/2008 10:15
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C41-8 SDG#: COH04-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	8.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05895	Total Cyanide (solid)	57-12-5	N.D.	0.20	mg/kg	1
07804	PAHs in Soil by GC/MS					
01191	Acenaphthene	83-32-9	16,000	180	ug/kg	1
01195	Pyrene	129-00-0	19,000	180	ug/kg	1
03761	Naphthalene	91-20-3	5,300	180	ug/kg	1
03765	Acenaphthylene	208-96-8	5,800	180	ug/kg	1
03768	Fluorene	86-73-7	4,500	180	ug/kg	1
03775	Phenanthrene	85-01-8	12,000	180	ug/kg	1
03776	Anthracene	120-12-7	5,100	180	ug/kg	1
03778	Fluoranthene	206-44-0	9,100	180	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	5,300	180	ug/kg	1
03782	Chrysene	218-01-9	4,800	180	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	6,500	180	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	2,400	180	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	8,500	180	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	5,600	180	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	1,400	180	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	9,700	180	ug/kg	1
	Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.					
02304	BTEX in soil by 8260					
05460	Benzene	71-43-2	N.D.	0.5	ug/kg	0.92
05466	Toluene	108-88-3	N.D.	1	ug/kg	0.92
05474	Ethylbenzene	100-41-4	11	1	ug/kg	0.92
06301	Xylene (Total)	1330-20-7	10	1	ug/kg	0.92

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

COH84 8839

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MW
6/24/09

Analysis Report

Lancaster Laboratories

3

Lancaster Laboratories Sample No. SW5556490 **Group No. 1124464**

SB-40-2-4 Grab Soil Sample
COC 201367
Cohoes, NY Site
Collected:12/10/2008 09:45 by CJM

Account Number: 09286

Submitted: 12/12/2008 10:15
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C40-2 SDG#: COH04-03

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	15.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.21	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		40	ug/kg	1
01195	Pyrene	129-00-0	680		40	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		40	ug/kg	1
03765	Acenaphthylene	208-96-8	94	J	40	ug/kg	1
03768	Fluorene	86-73-7	N.D.		40	ug/kg	1
03775	Phenanthrene	85-01-8	410		40	ug/kg	1
03776	Anthracene	120-12-7	94	J	40	ug/kg	1
03778	Fluoranthene	206-44-0	480		40	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	300		40	ug/kg	1
03782	Chrysene	218-01-9	370		40	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	460		40	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	160	J	40	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	350		40	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	200		40	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	71	J	40	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	260		40	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	1.01
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.01

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

Laboratory Chronicle

COH04-0041

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lw 6/24/09

Analysis Report

Lancaster Laboratories

4

Lancaster Laboratories Sample No. SW5556491 **Group No. 1124464**

SB-40-8-10 Grab Soil Sample
COC 201367
Cohoes, NY Site
Collected:12/10/2008 10:10 by CJM

Account Number: 09286

Submitted: 12/12/2008 10:15
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C40-8 SDG#: COH04-04

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.0		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.20	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	1,100		190	ug/kg	1
01195	Pyrene	129-00-0	880	J	190	ug/kg	1
03761	Naphthalene	91-20-3	490	J	190	ug/kg	1
03765	Acenaphthylene	208-96-8	3,200		190	ug/kg	1
03768	Fluorene	86-73-7	720	J	190	ug/kg	1
03775	Phenanthrene	85-01-8	390	J	190	ug/kg	1
03776	Anthracene	120-12-7	750	J	190	ug/kg	1
03778	Fluoranthene	206-44-0	410	J	190	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	350	J	190	ug/kg	1
03782	Chrysene	218-01-9	270	J	190	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,500		190	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	320	J	190	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	2,400		190	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	2,600		190	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	560	J	190	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	5,200		190	ug/kg	1
	Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.						
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	1.02
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.02
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.02
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.02

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

COH04 0043

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6/24/09

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

5

Lancaster Laboratories Sample No. SW5561886 Group No. 1125414

MW-18R-4-6 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 08:50 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

1846C SDG#: COH04-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	24.2		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	350		44	ug/kg	1
01195	Pyrene	129-00-0	770		44	ug/kg	1
03761	Naphthalene	91-20-3	440		44	ug/kg	1
03765	Acenaphthylene	208-96-8	230		44	ug/kg	1
03768	Fluorene	86-73-7	110	J	44	ug/kg	1
03775	Phenanthrene	85-01-8	270		44	ug/kg	1
03776	Anthracene	120-12-7	110	J	44	ug/kg	1
03778	Fluoranthene	206-44-0	570		44	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	610		44	ug/kg	1
03782	Chrysene	218-01-9	580		44	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	640		44	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	310		44	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	640		44	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	340		44	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	100	J	44	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	380		44	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	160	J	33	ug/kg	49.8
05466	Toluene	108-88-3	450		66	ug/kg	49.8
05474	Ethylbenzene	100-41-4	1,500		66	ug/kg	49.8
06301	Xylene (Total)	1330-20-7	1,400		66	ug/kg	49.8

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

Laboratory Chronicle

COH04 0047

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Analysis Report

Lancaster Laboratories

6

Lancaster Laboratories Sample No. SW5561887 **Group No. 1125414**

MW-18R-6-8 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 09:00 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

6818C SDG#: COH04-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	11.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.20	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	16,000		190	ug/kg	5
01195	Pyrene	129-00-0	150,000		3,800	ug/kg	100
03761	Naphthalene	91-20-3	710	J	190	ug/kg	5
03765	Acenaphthylene	208-96-8	42,000		3,800	ug/kg	100
03768	Fluorene	86-73-7	52,000		3,800	ug/kg	100
03775	Phenanthrene	85-01-8	240,000		3,800	ug/kg	100
03776	Anthracene	120-12-7	67,000		3,800	ug/kg	100
03778	Fluoranthene	206-44-0	87,000		3,800	ug/kg	100
03781	Benzo(a)anthracene	56-55-3	57,000		3,800	ug/kg	100
03782	Chrysene	218-01-9	46,000		3,800	ug/kg	100
03786	Benzo(b)fluoranthene	205-99-2	31,000		3,800	ug/kg	100
03787	Benzo(k)fluoranthene	207-08-9	12,000		190	ug/kg	5
03788	Benzo(a)pyrene	50-32-8	44,000		3,800	ug/kg	100
03789	Indeno(1,2,3-cd)pyrene	193-39-5	15,000		190	ug/kg	5
03790	Dibenz(a,h)anthracene	53-70-3	3,900		190	ug/kg	5
03791	Benzo(g,h,i)perylene	191-24-2	21,000		190	ug/kg	5
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.5	ug/kg	0.97
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.97
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.97
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.97

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

Laboratory Chronicle

~~COH04 8849~~

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MW 6/24/09

Lancaster Laboratories

7

Lancaster Laboratories Sample No. SW5561888 **Group No. 1125414**

RI3-SS-5 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 09:50 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

35CAH SDG#: COH04-07

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	27.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.24	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		46	ug/kg	1
01195	Pyrene	129-00-0	540		46	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		46	ug/kg	1
03765	Acenaphthylene	208-96-8	100	J	46	ug/kg	1
03768	Fluorene	86-73-7	N.D.		46	ug/kg	1
03775	Phenanthrene	85-01-8	250		46	ug/kg	1
03776	Anthracene	120-12-7	96	J	46	ug/kg	1
03778	Fluoranthene	206-44-0	470		46	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	290		46	ug/kg	1
03782	Chrysene	218-01-9	330		46	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	380		46	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	130	J	46	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	280		46	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	170	J	46	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	59	J	46	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	230		46	ug/kg	1

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:32	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/30/2008 17:44	Ryan P Byrne	1
05896	Cyanide Solid Distillation	SW-846 9012A	1	12/29/2008 17:25	Carolyn M Mastropietro	1
07806	BNA Soil Extraction	SW-846 3550B	1	12/20/2008 22:45	Patricia L Fo[illegible]	1

COH04 0851

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Lancaster Laboratories

8

Lancaster Laboratories Sample No. SW5561889 **Group No. 1125414**

RI3-SS-6 Unspiked Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 10:00 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

36CAH SDG#: COH04-08BKG

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	30.3		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.25	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	49	J	48	ug/kg	1
01195	Pyrene	129-00-0	1,100	J	48	ug/kg	1
03761	Naphthalene	91-20-3	N.D.	UJ	48	ug/kg	1
03765	Acenaphthylene	208-96-8	68	J	48	ug/kg	1
03768	Fluorene	86-73-7	57		48	ug/kg	1
03775	Phenanthrene	85-01-8	690		48	ug/kg	1
03776	Anthracene	120-12-7	240		48	ug/kg	1
03778	Fluoranthene	206-44-0	1,000		48	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	500		48	ug/kg	1
03782	Chrysene	218-01-9	490		48	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	600		48	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	240		48	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	460		48	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	270		48	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	82		48	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	330		48	ug/kg	1

Surrogate recoveries are outside of QC limits for the initial GC/MS semivolatile analysis. The analysis was repeated outside of the required hold time and the surrogate recoveries are within the limits. The data reported is from the initial extraction of the sample.

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:33	Nicole M Kepley	1

COH04 08BKG

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MW 6/24/09

Analysis Report

Lancaster Laboratories

9

Lancaster Laboratories Sample No. SW5561893 **Group No. 1125414**

RI3-SS-4 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 10:20 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

34CAH SDG#: COH04-09

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	24.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.25	J	0.24	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	62	J	44	ug/kg	1
01195	Pyrene	129-00-0	1,000		44	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		44	ug/kg	1
03765	Acenaphthylene	208-96-8	81	J	44	ug/kg	1
03768	Fluorene	86-73-7	72	J	44	ug/kg	1
03775	Phenanthrene	85-01-8	680		44	ug/kg	1
03776	Anthracene	120-12-7	180	J	44	ug/kg	1
03778	Fluoranthene	206-44-0	890		44	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	540		44	ug/kg	1
03782	Chrysene	218-01-9	540		44	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	620		44	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	240		44	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	460		44	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	300		44	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	89	J	44	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	350		44	ug/kg	1

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:36	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/30/2008 18:07	Ryan P Byrne	1
05896	Cyanide Solid Distillation	SW-846 9012A	1	12/29/2008 17:25	Carolyn M Mastropietro	1
07806	BNA Soil Extraction	SW-846 3550B	1	12/20/2008 22:45	Patricia L Fo[illegible]	1

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6/24/09

Analysis Report

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW5561894 **Group No. 1125414**

FB121708 Water Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 10:45 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

EBCAH SDG#: COH04-10FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	12/23/2008 19:06	Venia B McFadden	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	12/23/2008 10:49	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	12/22/2008 09:45	Cynthia J Stoltzfus	1
08256	Cyanide Water Distillation	SW-846 9012A	1	12/23/2008 10:10	Nancy J Shoop	1

COH04 0868

LW 6/24/09

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

11

Lancaster Laboratories Sample No. SW5561895 **Group No. 1125414**

DUP121708 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:18
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

DPCAH SDG#: COH04-11FD

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	23.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.25	J	0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	64	J	44	ug/kg	1
01195	Pyrene	129-00-0	1,100		44	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		44	ug/kg	1
03765	Acenaphthylene	208-96-8	49	J	44	ug/kg	1
03768	Fluorene	86-73-7	76	J	44	ug/kg	1
03775	Phenanthrene	85-01-8	890		44	ug/kg	1
03776	Anthracene	120-12-7	170	J	44	ug/kg	1
03778	Fluoranthene	206-44-0	1,100		44	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	540		44	ug/kg	1
03782	Chrysene	218-01-9	540		44	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	610		44	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	240		44	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	440		44	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	250		44	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	94	J	44	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	300		44	ug/kg	1

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:40	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/30/2008 18:30	Ryan P Byrne	1
05896	Cyanide Solid Distillation	SW-846 9012A	1	12/29/2008 17:25	Carolyn M Mastropietro	1
07806	BNA Soil Extraction	SW-846 3550B	1	12/20/2008 22:45	Patricia L Fo[illegible]	1

COH04-11FD

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Analysis Report

Lancaster Laboratories

12

Lancaster Laboratories Sample No. SW5561896 **Group No. 1125414**

RI3-SS-1 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 11:00 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:19
Discard: 01/27/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

31CAH SDG#: COH04-12

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	33.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.28	J	0.27	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		50	ug/kg	1
01195	Pyrene	129-00-0	980		50	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		50	ug/kg	1
03765	Acenaphthylene	208-96-8	140	J	50	ug/kg	1
03768	Fluorene	86-73-7	95	J	50	ug/kg	1
03775	Phenanthrene	85-01-8	940		50	ug/kg	1
03776	Anthracene	120-12-7	170	J	50	ug/kg	1
03778	Fluoranthene	206-44-0	840		50	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	360		50	ug/kg	1
03782	Chrysene	218-01-9	510		50	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	570		50	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	230	J	50	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	380		50	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	260		50	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	56	J	50	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	340		50	ug/kg	1

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:41	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/30/2008 18:53	Ryan P Byrne	1
05896	Cyanide Solid Distillation	SW-846 9012A	1	12/29/2008 17:25	Carolyn M Mastropietro	1
07806	BNA Soil Extraction	SW-846 3550B	1	12/20/2008 22:45	Patricia L Fo[illegible]	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5561897 **Group No. 1125414**

RI3-SS-3 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 11:20 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:19
Discard: 01/27/2009

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234 Hudson Ave.
Albany NY 12210

33CAH SDG#: COH04-13

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	23.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.78		0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		220	ug/kg	5
01195	Pyrene	129-00-0	2,800		220	ug/kg	5
03761	Naphthalene	91-20-3	N.D.		220	ug/kg	5
03765	Acenaphthylene	208-96-8	540	J	220	ug/kg	5
03768	Fluorene	86-73-7	N.D.		220	ug/kg	5
03775	Phenanthrene	85-01-8	1,500		220	ug/kg	5
03776	Anthracene	120-12-7	460	J	220	ug/kg	5
03778	Fluoranthene	206-44-0	2,400		220	ug/kg	5
03781	Benzo(a)anthracene	56-55-3	1,500		220	ug/kg	5
03782	Chrysene	218-01-9	1,500		220	ug/kg	5
03786	Benzo(b)fluoranthene	205-99-2	2,000		220	ug/kg	5
03787	Benzo(k)fluoranthene	207-08-9	800	J	220	ug/kg	5
03788	Benzo(a)pyrene	50-32-8	1,600		220	ug/kg	5
03789	Indeno(1,2,3-cd)pyrene	193-39-5	1,000	J	220	ug/kg	5
03790	Dibenz(a,h)anthracene	53-70-3	250	J	220	ug/kg	5
03791	Benzo(g,h,i)perylene	191-24-2	1,200		220	ug/kg	5
	Due to the sample matrix an initial dilution was necessary to perform the analysis. Therefore, the reporting limits for the GC/MS semivolatile compounds were raised.						

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:42	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/31/2008 03:00	Gregory J Dradovsky	5

COH04 0065

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14

Lancaster Laboratories Sample No. SW5561898 **Group No. 1125414**

RI3-SS-2 Grab Sediment Sample
COC 201366
Cohoes, NY Site
Collected:12/17/2008 11:30 by JM

Account Number: 09286

Submitted: 12/18/2008 09:00
Reported: 01/12/2009 at 16:19
Discard: 01/27/2009

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Albany NY 12210

32CAH SDG#: COH04-14

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	18.9		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.22	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		41	ug/kg	1
01195	Pyrene	129-00-0	4,700		41	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		41	ug/kg	1
03765	Acenaphthylene	208-96-8	510		41	ug/kg	1
03768	Fluorene	86-73-7	88	J	41	ug/kg	1
03775	Phenanthrene	85-01-8	1,800		41	ug/kg	1
03776	Anthracene	120-12-7	320		41	ug/kg	1
03778	Fluoranthene	206-44-0	3,700		41	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	2,200		41	ug/kg	1
03782	Chrysene	218-01-9	2,300		41	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	3,400		41	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	1,200		41	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	2,300		41	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	1,400		41	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	350		41	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	1,400		41	ug/kg	1

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
00111	Moisture	SM20 2540 G	1	12/22/2008 16:59	Scott W Freisher	1
05895	Total Cyanide (solid)	SW-846 9012A	1	12/30/2008 12:43	Nicole M Kepley	1
07804	PAHs in Soil by GC/MS	SW-846 8270C	1	12/31/2008 07:15	Linda M Hartenstine	1
05896	Cyanide Solid Distillation	SW-846 9012A	1	12/29/2008 17:25	Carolyn M Mastropietro	1
07806	BNA Soil Extraction	SW-846 3550B	1	12/20/2008 22:45	Patricia L Forement	1

COH04 0067

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Analysis Report

Lancaster Laboratories

15

Lancaster Laboratories Sample No. SW5562713 Group No. 1125543

SB-52-4-6 Grab Soil Sample
COC 201365
Cohoes, NY Site
Collected:12/17/2008 13:10 by CJM

Account Number: 09286

Submitted: 12/19/2008 09:40
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

524-6 SDG#: COH04-15

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	9.3		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.19	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		37	ug/kg	1
01195	Pyrene	129-00-0	780		37	ug/kg	1
03761	Naphthalene	91-20-3	71	J	37	ug/kg	1
03765	Acenaphthylene	208-96-8	55	J	37	ug/kg	1
03768	Fluorene	86-73-7	41	J	37	ug/kg	1
03775	Phenanthrene	85-01-8	560		37	ug/kg	1
03776	Anthracene	120-12-7	140	J	37	ug/kg	1
03778	Fluoranthene	206-44-0	670		37	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	470		37	ug/kg	1
03782	Chrysene	218-01-9	460		37	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	620		37	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	240		37	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	490		37	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	310		37	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		37	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	340		37	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.	UJ	0.5	ug/kg	0.97
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.97
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.97
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.97

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

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COH04 0071

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5562714 Group No. 1125543

SB-52-10-12 Grab Soil Sample
COC 201365
Cohoes, NY Site
Collected:12/17/2008 13:30 by CJM

Account Number: 09286

Submitted: 12/19/2008 09:40
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

52-12 SDG#: COH04-16

CAT No.	Analysis Name	CAS Number	Dry Result		Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	14.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.20	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		39	ug/kg	1
01195	Pyrene	129-00-0	87	J	39	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		39	ug/kg	1
03765	Acenaphthylene	208-96-8	N.D.		39	ug/kg	1
03768	Fluorene	86-73-7	N.D.		39	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.		39	ug/kg	1
03776	Anthracene	120-12-7	N.D.		39	ug/kg	1
03778	Fluoranthene	206-44-0	58	J	39	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	69	J	39	ug/kg	1
03782	Chrysene	218-01-9	60	J	39	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	69	J	39	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.		39	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	54	J	39	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		39	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		39	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	41	J	39	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.	UJ	0.6	ug/kg	1.09
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.09
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.09
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.09

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

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COH04 0073

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Analysis Report

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5562715 **Group No. 1125543**

SB-53-6-8 Grab Soil Sample
COC 201365
Cohoes, NY Site
Collected:12/17/2008 14:10 by CJM

Account Number: 09286

Submitted: 12/19/2008 09:40
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

536-8 SDG#: COH04-17

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	9.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.19	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		37	ug/kg	1
01195	Pyrene	129-00-0	200		37	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		37	ug/kg	1
03765	Acenaphthylene	208-96-8	930		37	ug/kg	1
03768	Fluorene	86-73-7	130	J	37	ug/kg	1
03775	Phenanthrene	85-01-8	85	J	37	ug/kg	1
03776	Anthracene	120-12-7	300		37	ug/kg	1
03778	Fluoranthene	206-44-0	110	J	37	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	98	J	37	ug/kg	1
03782	Chrysene	218-01-9	110	J	37	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	150	J	37	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	55	J	37	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	190		37	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	200		37	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		37	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	380		37	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	1.06
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.06
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.06
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.06

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

Laboratory Chronicle

COH04 0875

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Analysis Report

Lancaster Laboratories

18

Lancaster Laboratories Sample No. SW5562716 **Group No. 1125543**

SB-53-10-12 Grab Soil Sample
COC 201365
Cohoes, NY Site
Collected:12/17/2008 14:20 by CJM

Account Number: 09286

Submitted: 12/19/2008 09:40
Reported: 01/23/2009 at 09:17
Discard: 02/07/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

53-12 SDG#: COH04-18*

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	23.1		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		43	ug/kg	1
01195	Pyrene	129-00-0	170	J	43	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		43	ug/kg	1
03765	Acenaphthylene	208-96-8	N.D.		43	ug/kg	1
03768	Fluorene	86-73-7	N.D.		43	ug/kg	1
03775	Phenanthrene	85-01-8	99	J	43	ug/kg	1
03776	Anthracene	120-12-7	51	J	43	ug/kg	1
03778	Fluoranthene	206-44-0	140	J	43	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	100	J	43	ug/kg	1
03782	Chrysene	218-01-9	81	J	43	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	94	J	43	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.		43	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	73	J	43	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		43	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		43	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.		43	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.	UJ	0.7	ug/kg	1.05
05466	Toluene	108-88-3	N.D.		1	ug/kg	1.05
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	1.05
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	1.05

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

Laboratory Chronicle

COH04-0677

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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

DW 6/24/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

1

Client Sample ID: SB-41-4-6 | Lab Sample ID: 220-7583-1

Lab Name: TestAmerica Connecticut | Job No.: 220-7583-1

SDG ID.: 220-7583

Matrix: Solid | Date Sampled: 12/10/2008 08:25

Reporting Basis: DRY | Date Received: 12/17/2008 11:03

% Solids: 80.4

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	75	75	7.6	ug/Kg	U		1	D4282

MW 6/24/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: SB-41-8-10
Lab Sample ID: 220-7583-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7583-1
SDG ID.: 220-7583
Matrix: Solid
Date Sampled: 12/10/2008 08:50
Reporting Basis: DRY
Date Received: 12/17/2008 11:03
% Solids: 87.7

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	68	68	7.0	ug/Kg	U		1	D4282

MW 6/24/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: SB-40-2-4
Lab Sample ID: 220-7583-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7583-1
SDG ID.: 220-7583
Matrix: Solid
Date Sampled: 12/10/2008 09:45
Reporting Basis: DRY
Date Received: 12/17/2008 11:03
% Solids: 95.7

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	63	63	6.4	ug/Kg	U		1	D4282

MW 6/24/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

4

Client Sample ID: SB-40-8-10 | Lab Sample ID: 220-7583-4

Lab Name: TestAmerica Connecticut | Job No.: 220-7583-1

SDG ID.: 220-7583

Matrix: Solid | Date Sampled: 12/10/2008 10:10

Reporting Basis: DRY | Date Received: 12/17/2008 11:03

% Solids: 98.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	61	61	6.2	ug/Kg	U		1	D4282

MW
6/24/09

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

5

Client Sample ID: MW-18R-4-6 Lab Sample ID: 220-7666-1

Lab Name: TestAmerica Connecticut Job No.: 220-7666-1

SDG ID.:

Matrix: Solid Date Sampled: 12/17/2008 08:50

Reporting Basis: DRY Date Received: 12/26/2008 10:20

% Solids: 73.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	81	81	8.3	ug/Kg	U		1	D4282

rev 6/24/09

6

Client Sample ID: MW-18R-6-8 | Lab Sample ID: 220-7666-2

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 09:00

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 86.3

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	70	70	7.1	ug/Kg	U		1	D4282

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

7

Client Sample ID: RI3-SS-5
Lab Sample ID: 220-7666-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7666-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/17/2008 09:50
Reporting Basis: DRY
Date Received: 12/26/2008 10:20
% Solids: 72.0

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	83	83	8.5	ug/Kg	U		1	D4282

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

8

Client Sample ID: RI3-SS-6
Lab Sample ID: 220-7666-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7666-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/17/2008 10:00
Reporting Basis: DRY
Date Received: 12/26/2008 10:20
% Solids: 69.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	86	86	8.7	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI3-SS-4 | Lab Sample ID: 220-7666-5

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 10:20

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 76.0

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	79	79	8.0	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

11

Client Sample ID: DUP121708 | Lab Sample ID: 220-7666-6

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 00:00

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 75.4

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	80	80	8.1	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

12

Client Sample ID: RI3-SS-1 | Lab Sample ID: 220-7666-7

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 00:00

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 61.7

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	97	97	9.9	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI3-SS-3 | Lab Sample ID: 220-7666-8

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 11:00

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 71.6

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	84	84	8.5	ug/Kg	U		1	D4282

14

Client Sample ID: RI3-SS-2 Lab Sample ID: 220-7666-9

Lab Name: TestAmerica Connecticut Job No.: 220-7666-1

SDG ID.:

Matrix: Solid Date Sampled: 12/17/2008 11:20

Reporting Basis: DRY Date Received: 12/26/2008 10:20

% Solids: 78.5

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	76	76	7.8	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

15

Client Sample ID: SB-52-4-6 | Lab Sample ID: 220-7666-10

Lab Name: TestAmerica Connecticut | Job No.: 220-7666-1

SDG ID.:

Matrix: Solid | Date Sampled: 12/17/2008 11:30

Reporting Basis: DRY | Date Received: 12/26/2008 10:20

% Solids: 90.6

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	66	66	6.7	ug/Kg	U		1	D4282

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SB-53-10-12 Lab Sample ID: 220-7666-13

Lab Name: TestAmerica Connecticut Job No.: 220-7666-1

SDG ID.:

Matrix: Solid Date Sampled: 12/17/2008 14:20

Reporting Basis: DRY Date Received: 12/26/2008 10:20

% Solids: 82.5

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	73	73	7.4	ug/Kg	U		1	D4282

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH05
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 23, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-57-2-4	5593312	Soil
2	SB-56-2-4	5593313	Soil
3	DUP020409	5593314	Soil
4	SB-56-5-7	5593315	Soil
5	SB-55-2-4	5593316	Soil
6	SB-55-4.5-6.5	5593317	Soil
7	SB-43-4-6	5593318	Soil
8	SB-54-2-4	5593319	Soil
8MS	SB-54-2-4MS	5593320	Soil
8MSD	SB-54-2-4MSD	5593321	Soil
9	FB020409	5593323	Water
10*	TB020409	5593324	Water

* VOC only

A Data Usability Summary Review was performed on the analytical data for eight soil samples, one aqueous trip blank sample and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;

- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- All VOC compounds were qualified as estimated in one sample due to a low surrogate recovery.
- One SVOC compound was qualified as estimated in one sample due to a high MSD recovery.

- Five SVOC compounds were qualified as estimated in two samples due to poor field duplicate precision.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The table below presents samples with surrogate recoveries outside of acceptance limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Surrogate	Deficiency %R	Qualifier	Affected Samples
2	4-Bromofluorobenzene	68%	J/UJ	2

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
8	Benzene	115%/Ok/Ok	None - Sample ND
	Toluene	138%/Ok/41	None - Sample ND
	Ethylbenzene	131%/Ok/40	None - Sample ND
	m,p-Xylene	126%/Ok/39	None - Sample ND

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
8 (cont)	Xylene (total)	124%/Ok/38	None - Sample ND
	o-Xylene	121%/Ok/36	None - Sample ND

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB020409	None - ND	-	-	-	-
TB020409	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	SB-56-2-4 ug/kg	DUP020409 ug/kg	RPD	Qualifier
Toluene	3	1 U	NC	None

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
8	Pyrene	Ok/164%/Ok	J

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB020409	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	SB-56-2-4 ug/L	DUP020409 ug/L	RPD	Qualifier
Pyrene	1200	3600	100%	None
Naphthalene	46 U	65	NC	None
Acenaphthylene	130	180	32%	None
Fluorene	51	67	27%	None
Phenanthrene	600	1000	50%	None
Anthracene	190	530	94%	None
Fluoranthene	1000	3300	107%	J
Benzo(a)anthracene	580	2100	113%	J
Chrysene	680	2000	99%	None
Benzo(b)fluoranthene	790	2600	107%	J
Benzo(k)fluoranthene	300	910	101%	J
Benzo(a)pyrene	650	2000	102%	J
Indeno(1,2,3-cd)pyrene	410	1100	91%	None
Dibenz (a,h) anthracene	100	290	97%	None
Benzo(g,h,i)perylene	470	1300	94%	None

Total & Free Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB020409	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Cyanide				
Compound	SB-56-2-4 mg/L	DUP020409 mg/L	RPD	Qualifier
None	ND	ND	-	-

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Lancaster Laboratories

1

Lancaster Laboratories Sample No. SW5593312 **Group No. 1130991**

SB-57-2-4 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/03/2009 10:40 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S57-4 SDG#: COH05-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	25.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.24	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	760		45	ug/kg	1
01195	Pyrene	129-00-0	2,900		45	ug/kg	1
03761	Naphthalene	91-20-3	91	J	45	ug/kg	1
03765	Acenaphthylene	208-96-8	200	J	45	ug/kg	1
03768	Fluorene	86-73-7	620		45	ug/kg	1
03775	Phenanthrene	85-01-8	3,400		45	ug/kg	1
03776	Anthracene	120-12-7	900		45	ug/kg	1
03778	Fluoranthene	206-44-0	2,300		45	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,200		45	ug/kg	1
03782	Chrysene	218-01-9	1,200		45	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,100		45	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	520		45	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,100		45	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	580		45	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	140	J	45	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	690		45	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.7	ug/kg	0.98
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.98
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.98
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.98

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

Laboratory Chronicle

COH05 0022

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

lw
6/23/09

Lancaster Laboratories

2

Lancaster Laboratories Sample No. SW5593313 Group No. 1130991

SB-56-2-4 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 10:10 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S56-4 SDG#: COH05-02

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	27.4		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.25	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		46	ug/kg	1
01195	Pyrene	129-00-0	1,200		46	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		46	ug/kg	1
03765	Acenaphthylene	208-96-8	130	J	46	ug/kg	1
03768	Fluorene	86-73-7	51	J	46	ug/kg	1
03775	Phenanthrene	85-01-8	600		46	ug/kg	1
03776	Anthracene	120-12-7	190	J	46	ug/kg	1
03778	Fluoranthene	206-44-0	1,000	J	46	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	580	J	46	ug/kg	1
03782	Chrysene	218-01-9	680		46	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	790	J	46	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	300	J	46	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	650	J	46	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	410		46	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	100	J	46	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	470		46	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.	UJ	0.6	ug/kg	0.94
05466	Toluene	108-88-3	3	J	1	ug/kg	0.94
05474	Ethylbenzene	100-41-4	N.D.	UJ	1	ug/kg	0.94
06301	Xylene (Total)	1330-20-7	N.D.	UJ	1	ug/kg	0.94
	A GC/MS volatile internal standard peak area was outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.						

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

COH05 0024

DW 6/23/09

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

3

Lancaster Laboratories Sample No. SW5593314 **Group No. 1130991**

DUP020409 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

SCOFD SDG#: COH05-03FD

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	25.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.23	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		45	ug/kg	1
01195	Pyrene	129-00-0	3,600		45	ug/kg	1
03761	Naphthalene	91-20-3	65	J	45	ug/kg	1
03765	Acenaphthylene	208-96-8	180	J	45	ug/kg	1
03768	Fluorene	86-73-7	67	J	45	ug/kg	1
03775	Phenanthrene	85-01-8	1,000		45	ug/kg	1
03776	Anthracene	120-12-7	530		45	ug/kg	1
03778	Fluoranthene	206-44-0	3,300	J	45	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	2,100	J	45	ug/kg	1
03782	Chrysene	218-01-9	2,000		45	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	2,600	J	45	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	910	J	45	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	2,000	J	45	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	1,100		45	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	290		45	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	1,300		45	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	0.95
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.95
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.95
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.95

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

Laboratory Chronicle

COH05 0026

MW
6/23/09

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

4

Lancaster Laboratories Sample No. SW5593315 **Group No. 1130991**

SB-56-5-7 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 10:20 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S56-7 SDG#: COH05-04

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	28.7		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.24	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	81	J	47	ug/kg	1
01195	Pyrene	129-00-0	1,000		47	ug/kg	1
03761	Naphthalene	91-20-3	110	J	47	ug/kg	1
03765	Acenaphthylene	208-96-8	120	J	47	ug/kg	1
03768	Fluorene	86-73-7	87	J	47	ug/kg	1
03775	Phenanthrene	85-01-8	580		47	ug/kg	1
03776	Anthracene	120-12-7	150	J	47	ug/kg	1
03778	Fluoranthene	206-44-0	920		47	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	510		47	ug/kg	1
03782	Chrysene	218-01-9	590		47	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	720		47	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	290		47	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	560		47	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	340		47	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	89	J	47	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	380		47	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	0.92
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.92
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.92
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.92

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

Laboratory Chronicle

COH05 6828

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MW 6/23/09

Lancaster Laboratories

5

Lancaster Laboratories Sample No. SW5593316 Group No. 1130991

SB-55-2-4 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 10:30 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S55-4 SDG#: COH05-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	21.2		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	0.25	J	0.21	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	6,000		420	ug/kg	10
01195	Pyrene	129-00-0	130,000		2,100	ug/kg	50
03761	Naphthalene	91-20-3	44,000		420	ug/kg	10
03765	Acenaphthylene	208-96-8	22,000		420	ug/kg	10
03768	Fluorene	86-73-7	28,000		420	ug/kg	10
03775	Phenanthrene	85-01-8	240,000		2,100	ug/kg	50
03776	Anthracene	120-12-7	12,000		420	ug/kg	10
03778	Fluoranthene	206-44-0	160,000		2,100	ug/kg	50
03781	Benzo(a)anthracene	56-55-3	33,000		420	ug/kg	10
03782	Chrysene	218-01-9	60,000		2,100	ug/kg	50
03786	Benzo(b)fluoranthene	205-99-2	63,000		2,100	ug/kg	50
03787	Benzo(k)fluoranthene	207-08-9	24,000		420	ug/kg	10
03788	Benzo(a)pyrene	50-32-8	39,000		420	ug/kg	10
03789	Indeno(1,2,3-cd)pyrene	193-39-5	24,000		420	ug/kg	10
03790	Dibenz(a,h)anthracene	53-70-3	5,800		420	ug/kg	10
03791	Benzo(g,h,i)perylene	191-24-2	25,000		420	ug/kg	10
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	0.96
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.96
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.96
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.96
	A GC/MS volatile internal standard peak areas was outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.						

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

COH05 0038

lw
6/23/09

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5593317 **Group No. 1130991**

SB-55-4.5-6.5 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 10:35 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S55-6 SDG#: COH05-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	15.6		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	1.2		0.20	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	320		39	ug/kg	1
01195	Pyrene	129-00-0	18,000		200	ug/kg	5
03761	Naphthalene	91-20-3	290		39	ug/kg	1
03765	Acenaphthylene	208-96-8	1,600		39	ug/kg	1
03768	Fluorene	86-73-7	840		39	ug/kg	1
03775	Phenanthrene	85-01-8	1,500		39	ug/kg	1
03776	Anthracene	120-12-7	1,200		39	ug/kg	1
03778	Fluoranthene	206-44-0	12,000		200	ug/kg	5
03781	Benzo(a)anthracene	56-55-3	7,300		200	ug/kg	5
03782	Chrysene	218-01-9	7,500		200	ug/kg	5
03786	Benzo(b)fluoranthene	205-99-2	4,700		200	ug/kg	5
03787	Benzo(k)fluoranthene	207-08-9	2,000		39	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	6,100		200	ug/kg	5
03789	Indeno(1,2,3-cd)pyrene	193-39-5	2,500		39	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	720		39	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	3,000		39	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	120	J	29	ug/kg	48.26
05466	Toluene	108-88-3	95	J	57	ug/kg	48.26
05474	Ethylbenzene	100-41-4	340		57	ug/kg	48.26
06301	Xylene (Total)	1330-20-7	400		57	ug/kg	48.26
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.						

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

COH05 0032

rev 6/23/09

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Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5593318 Group No. 1130991

SB-43-4-6 Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 11:15 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S43-6 SDG#: COH05-07

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	19.3		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.22	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		830	ug/kg	10
01195	Pyrene	129-00-0	1,100	J	830	ug/kg	10
03761	Naphthalene	91-20-3	N.D.		830	ug/kg	10
03765	Acenaphthylene	208-96-8	N.D.		830	ug/kg	10
03768	Fluorene	86-73-7	N.D.		830	ug/kg	10
03775	Phenanthrene	85-01-8	N.D.		830	ug/kg	10
03776	Anthracene	120-12-7	N.D.		830	ug/kg	10
03778	Fluoranthene	206-44-0	880	J	830	ug/kg	10
03781	Benzo(a)anthracene	56-55-3	N.D.		830	ug/kg	10
03782	Chrysene	218-01-9	N.D.		830	ug/kg	10
03786	Benzo(b)fluoranthene	205-99-2	870	J	830	ug/kg	10
03787	Benzo(k)fluoranthene	207-08-9	N.D.		830	ug/kg	10
03788	Benzo(a)pyrene	50-32-8	N.D.		830	ug/kg	10
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		830	ug/kg	10
03790	Dibenz(a,h)anthracene	53-70-3	N.D.		830	ug/kg	10
03791	Benzo(g,h,i)perylene	191-24-2	N.D.		830	ug/kg	10
	Due to the sample matrix an initial dilution was necessary to perform the analysis. Therefore, the reporting limits for the GC/MS semivolatile compounds were raised.						
	Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.						
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	0.8	J	0.6	ug/kg	0.95
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.95
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.95
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.95
	A GC/MS volatile internal standard peak area was outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.						

COH05 0034

LW
6/23/09

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Lancaster Laboratories

8

Lancaster Laboratories Sample No. SW5593319 Group No. 1130991

SB-54-2-4 Unspiked Grab Sediment Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 11:30 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

S54-4 SDG#: COH05-08BKG

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	15.8		0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
05895	Total Cyanide (solid)	57-12-5	N.D.		0.20	mg/kg	1
07804	PAHs in Soil by GC/MS						
01191	Acenaphthene	83-32-9	N.D.		40	ug/kg	1
01195	Pyrene	129-00-0	1,900	J	40	ug/kg	1
03761	Naphthalene	91-20-3	53	J	40	ug/kg	1
03765	Acenaphthylene	208-96-8	280		40	ug/kg	1
03768	Fluorene	86-73-7	56	J	40	ug/kg	1
03775	Phenanthrene	85-01-8	610		40	ug/kg	1
03776	Anthracene	120-12-7	190	J	40	ug/kg	1
03778	Fluoranthene	206-44-0	1,100		40	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,100		40	ug/kg	1
03782	Chrysene	218-01-9	1,300		40	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,500		40	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	610		40	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,100		40	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	670		40	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	220		40	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	780		40	ug/kg	1
02304	BTEX in soil by 8260						
05460	Benzene	71-43-2	N.D.		0.6	ug/kg	0.98
05466	Toluene	108-88-3	N.D.		1	ug/kg	0.98
05474	Ethylbenzene	100-41-4	N.D.		1	ug/kg	0.98
06301	Xylene (Total)	1330-20-7	N.D.		1	ug/kg	0.98

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

Laboratory Chronicle

COH05 0836

MW 6/23/09

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

9

Lancaster Laboratories Sample No. WW5593323 **Group No. 1130991**

FB020409 Grab Water Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009 14:00 by CM

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHFB SDG#: COH05-09FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	02/17/2009 11:29	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	02/09/2009 13:46	Joseph M Gambler	1

Lancaster Laboratories, Inc.
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MW 6/23/09

Analysis Report

Lancaster Laboratories

10

Lancaster Laboratories Sample No. WW5593324 **Group No. 1130991**

TB020409 Water Sample
COC 201119
Cohoes, NY Site
Collected:02/04/2009

Account Number: 09286

Submitted: 02/05/2009 09:10
Reported: 02/18/2009 at 11:56
Discard: 03/05/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHTB SDG#: COH05-10TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	02/07/2009 01:57	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/07/2009 01:57	Nicholas P Riehl	1

COH05 0045

MW 6/23/09

Lancaster Laboratories, Inc.
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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

1

Client Sample ID: SB-57-2-4 | Lab Sample ID: 220-7979-1

Lab Name: TestAmerica Connecticut | Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Solid | Date Sampled: 02/03/2009 10:40

Reporting Basis: DRY | Date Received: 02/06/2009 09:50

% Solids: 69.0

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	87	87	8.8	ug/Kg	U		1	D4282_02

6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

2

Client Sample ID: SB-56-2-4 Lab Sample ID: 220-7979-2

Lab Name: TestAmerica Connecticut Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Solid Date Sampled: 02/04/2009 10:10

Reporting Basis: DRY Date Received: 02/06/2009 09:50

% Solids: 71.1

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	84	84	8.6	ug/Kg	U		1	D4282_02

RW
6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

3

Client Sample ID: DUP020409 Lab Sample ID: 220-7979-3

Lab Name: TestAmerica Connecticut Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Solid Date Sampled: 02/04/2009 00:00

Reporting Basis: DRY Date Received: 02/06/2009 09:50

% Solids: 72.4

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	83	83	8.4	ug/Kg	U		1	D4282_02

MW
6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SB-56-5-7
Lab Sample ID: 220-7979-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7979-1
SDG ID.: 220-7979
Matrix: Solid
Date Sampled: 02/04/2009 10:20
Reporting Basis: DRY
Date Received: 02/06/2009 09:50
% Solids: 68.8

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	87	87	8.9	ug/Kg	U		1	D4282_02

lcw
6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: SB-55-2-4
Lab Sample ID: 220-7979-5
Lab Name: TestAmerica Connecticut
Job No.: 220-7979-1
SDG ID.: 220-7979
Matrix: Solid
Date Sampled: 02/04/2009 10:30
Reporting Basis: DRY
Date Received: 02/06/2009 09:50
% Solids: 74.4

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	81	81	8.2	ug/Kg	U		1	D4282_02

JW
6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

6

Client Sample ID: SB-55-4.5-6.5
Lab Sample ID: 220-7979-6
Lab Name: TestAmerica Connecticut
Job No.: 220-7979-1
SDG ID.: 220-7979
Matrix: Solid
Date Sampled: 02/04/2009 10:35
Reporting Basis: DRY
Date Received: 02/06/2009 09:50
% Solids: 81.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	73	73	7.5	ug/Kg	U		1	D4282_02

dw
6/23/09

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

7

Client Sample ID: SB-43-4-6 | Lab Sample ID: 220-7979-7

Lab Name: TestAmerica Connecticut | Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Solid | Date Sampled: 02/04/2009 11:15

Reporting Basis: DRY | Date Received: 02/06/2009 09:50

% Solids: 80.0

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	75	75	7.6	ug/Kg	U		1	D4282_02

lw
6/23/09

INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

8

Client Sample ID: SB-54-2-4 | Lab Sample ID: 220-7979-8

Lab Name: TestAmerica Connecticut | Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Solid | Date Sampled: 02/04/2009 11:30

Reporting Basis: DRY | Date Received: 02/06/2009 09:50

% Solids: 84.9

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	71	71	7.2	ug/Kg	U		1	D4282_02

RW
6/23/09

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

9

Client Sample ID: FB-020409 | Lab Sample ID: 220-7979-9

Lab Name: TestAmerica Connecticut | Job No.: 220-7979-1

SDG ID.: 220-7979

Matrix: Water | Date Sampled: 02/04/2009 14:00

Reporting Basis: WET | Date Received: 02/06/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Free	10	10	1.7	ug/L	U		1	D4282_02

MW
6/23/09

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH06
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 24, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-20R2	5609633	Water
2	MW-20R1	5609634	Water
3	MW-20S	5609635	Water
4	DUP022509	5609636	Water
5	MW-19S	5609637	Water
6*	TB022509	5609638	Water
7	MW-19R1	5609639	Water
8	MW-19R2	5609640	Water
9	MW-8S	5610232	Water
10	MW-8R	5610233	Water
10MS	MW-8RMS	5610234	Water
10MSD	MW-8RMSD	5610235	Water
11**	MW-8R	5610236	Water
12	FB022609	5610237	Water
13	MW-1S	5610238	Water
14*	TB022609	5610239	Water
15	MW-3S	5610240	Water
16	MW-13S	5610241	Water
17	MW-14S	5611471	Water
18*	TB022709	5611472	Water
19	MW-7S	5611473	Water
20	MW-7R1	5611474	Water

* VOC only ** Cyanide only

A Data Usability Summary Review was performed on the analytical data for sixteen water samples, three aqueous trip blank samples and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- One SVOC compound was qualified as estimated in one sample due to high MS/MSD recoveries.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TB022509	None - ND	-	-	-	-
FB022609	None - ND	-	-	-	-
TB022609	None - ND	-	-	-	-
TB022709	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	MW-20S ug/L	DUP022509 ug/L	RPD	Qualifier
None	ND	ND	-	-

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
10	Naphthalene	139%/120%/Ok	J

Laboratory Control Samples

- All criteria were met.

Method Blank

- Method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB022609	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	MW-20S ug/L	DUP022509 ug/L	RPD	Qualifier
None	ND	ND	-	-

Total & Free Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FB022609	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Cyanide				
Compound	MW-20S mg/L	DUP022509 mg/L	RPD	Qualifier
None	ND	ND	-	-

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5609633 **Group No. 1133814**

MW-20R2 Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/24/2009 15:05 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C20R2 SDG#: COH06-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	590		10	ug/l	10
03951	Acenaphthylene	208-96-8	2	J	1	ug/l	1
03954	Acenaphthene	83-32-9	5	J	1	ug/l	1
03956	Fluorene	86-73-7	N.D.		1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	N.D.		1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	N.D.		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	24,000		100	ug/l	200
05407	Toluene	108-88-3	2,800		140	ug/l	200
05415	Ethylbenzene	100-41-4	1,200		4	ug/l	5
06310	Xylene (Total)	1330-20-7	900		4	ug/l	5

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:39	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 04:42	Brian K Graham	1

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LW 6/24/09

Lancaster Laboratories

2

Lancaster Laboratories Sample No. WW5609634 Group No. 1133814

MW-20R1 Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/24/2009 17:10 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C20R1 SDG#: COH06-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:41	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 06:16	Brian K Gr[illegible]	1

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MW 6/24/09

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3

Lancaster Laboratories Sample No. WW5609635 **Group No. 1133814**

MW-20S Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009 11:15 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C20-S SDG#: COH06-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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	Dilut: Factc
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:42	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 06:39	Brian K Gr[illegible]	1

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RW 6/24/09

Lancaster Laboratories

4

Lancaster Laboratories Sample No. WW5609636 Group No. 1133814

DUP022509 Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHFD SDG#: COH06-04FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:43	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 07:03	Brian K Graham	1

00186 0035

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lcw 6/24/09

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5

Lancaster Laboratories Sample No. WW5609637 **Group No. 1133814**

MW-19S Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009 12:30 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO19S SDG#: COH06-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:44	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 07:26	Brian K Graham	1

COH06 0037

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MW
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6

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Lancaster Laboratories Sample No. WW5609638 **Group No. 1133814**

TB022509 Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO-TB SDG#: COH06-06TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	03/02/2009 08:48	Kathrine K Muramatsu	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/02/2009 08:48	Kathrine K Muramatsu	1

COH06 0039

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7

Lancaster Laboratories Sample No. WW5609639 **Group No. 1133814**

MW-19R1 Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009 15:20 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
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Albany NY 12210

C19R1 SDG#: COH06-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:45	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 07:50	Brian K Gra[illegible]	1

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8

Lancaster Laboratories Sample No. WW5609640 **Group No. 1133814**

MW-19R2 Grab Water Sample
COC 207218
Cohoes, NY Site
Collected:02/25/2009 16:30 by CJM

Account Number: 09286

Submitted: 02/26/2009 09:05
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

C19R2 SDG#: COH06-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0060 J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	100	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:46	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 08:13	Brian K Graham	1

COH06 0042

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9

Lancaster Laboratories Sample No. WW5610232 **Group No. 1133940**

MW-8S Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 10:25 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
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Albany NY 12210

COH8S SDG#: COH06-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:48	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 08:37	Brian K Graham	1

COH06 0045

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LW 6/29/09

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10

Lancaster Laboratories Sample No. WW5610233 **Group No. 1133940**

MW-8R Unspiked Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 11:25 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH8R SDG#: COH06-10BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0070 J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	160 J	10	ug/l	10
03951	Acenaphthylene	208-96-8	3 J	1	ug/l	1
03954	Acenaphthene	83-32-9	40	1	ug/l	1
03956	Fluorene	86-73-7	9	1	ug/l	1
03963	Phenanthrene	85-01-8	5 J	1	ug/l	1
03964	Anthracene	120-12-7	1 J	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	160	0.5	ug/l	1
05407	Toluene	108-88-3	5	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	58	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	52	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:49	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 01:34	Brian K Graham	1

COH06 0848

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MW 6/24/09

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11

Lancaster Laboratories Sample No. WW5610236 **Group No. 1133940**

MW-8R Duplicate Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 11:25 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH8R SDG#: COH06-10DUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0078 J	0.0050	mg/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:53	William L Hamaker Jr	1
08256	Cyanide Water Distillation	SW-846 9012A	1	03/05/2009 09:45	Nancy J Shoop	1

COH06 0854

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12

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5610237 **Group No. 1133940**

FB022609 Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 12:15 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

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COH-F SDG#: COH06-11FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:55	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 09:00	Brian K Gra	1

08255 08655

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MW 6/24/09

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13

Lancaster Laboratories Sample No. WW5610238 **Group No. 1133940**

MW-1S Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 14:40 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

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COH1S SDG#: COH06-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:56	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 09:23	Brian K Grahame	1

COH06 0857

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14

Lancaster Laboratories Sample No. WW5610239 **Group No. 1133940**

TB022609 Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH-T SDG#: COH06-13TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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	Dilutic Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	03/02/2009 06:29	Kathrine K Muramatsu	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/02/2009 06:29	Kathrine K Muramatsu	1

COH06 0059

lew
6/24/09

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Lancaster Laboratories Sample No. WW5610240 Group No. 1133940

MW-3S Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 15:35 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

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COH3S SDG#: COH06-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:57	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 09:47	Brian K Gr[illegible]	1

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Lancaster Laboratories Sample No. WW5610241 Group No. 1133940

MW-13S Grab Water Sample
COC 207219
Cohoes, NY Site
Collected:02/26/2009 17:05 by CJM

Account Number: 09286

Submitted: 02/27/2009 09:30
Reported: 03/10/2009 at 09:32
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH13 SDG#: COH06-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:58	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/03/2009 10:10	Brian K Graham	1

COH06 0062

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Lancaster Laboratories Sample No. WW5611471 **Group No. 1134141**

MW-14S Grab Water Sample
COC 207220
Cohoes, NY Site
Collected:02/27/2009 10:00 by CJM

Account Number: 09286

Submitted: 02/28/2009 10:20
Reported: 03/10/2009 at 12:33
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

14S-- SDG#: COH06-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.047		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	2	J	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.		1	ug/l	1
03954	Acenaphthene	83-32-9	13		1	ug/l	1
03956	Fluorene	86-73-7	5		1	ug/l	1
03963	Phenanthrene	85-01-8	9		1	ug/l	1
03964	Anthracene	120-12-7	1	J	1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	2	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	17		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	3	J	0.8	ug/l	1

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	Dilutic Factor
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 10:59	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/04/2009 16:29	Ryan P Byrne	1

COH06 0256

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Lancaster Laboratories Sample No. WW5611473 Group No. 1134141

MW-7S Grab Water Sample
COC 207220
Cohoes, NY Site
Collected:02/27/2009 11:25 by CJM

Account Number: 09286

Submitted: 02/28/2009 10:20
Reported: 03/10/2009 at 12:33
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

MW7S- SDG#: COH06-18

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.043	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 11:00	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/04/2009 16:52	Ryan P Byrnes	1

COH06 0019

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Lancaster Laboratories Sample No. WW5611474 **Group No. 1134141**

MW-7R1 Grab Water Sample
COC 207220
Cohoes, NY Site
Collected:02/27/2009 12:20 by CJM

Account Number: 09286

Submitted: 02/28/2009 10:20
Reported: 03/10/2009 at 12:34
Discard: 03/25/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

M7R1- SDG#: COH06-19*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.021	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	15	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/06/2009 11:02	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/04/2009 17:15	Ryan P Byrne	1

COH06 0871

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clw 6/24/09

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH07
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 25, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-7R2	5613036	Water
2	MW-16S	5613037	Water
3	MW-5R	5613038	Water
4	MW-10S	5613039	Water
5	MW-11S	5613040	Water
6*	TB030309	5613041	Water
7	MW-17R	5613042	Water
8	MW-9R	5613043	Water
9	MW-12S	5614306	Water
10	MW-12R	5614307	Water
11*	TB030409	5614308	Water
12	MW-15S	5614309	Water
13	MW-15R1	5614310	Water
14	MW-15R2	5614311	Water
15	MW-2S	5615254	Water
15MS	MW-2SMS	5615255	Water
15MSD	MW-2SMSD	5615256	Water
16**	MW-2S	5615257	Water
17	MW-2R2	5615258	Water
18	MW-2R1	5615259	Water
19	FB030509	5615260	Water
20	MW-4S	5615261	Water
21	DUP030509	5615262	Water
22*	TB030509	5615263	Water
23	MW-4R2	5615264	Water

** VOC only* *** Cyanide only*

A Data Usability Summary Review was performed on the analytical data for nineteen water samples, three aqueous trip blank samples and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution

- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- One SVOC compound was qualified as estimated in five samples due to a high LCS recovery.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TB030309	None - ND	-	-	-	-
FB030509	None - ND	-	-	-	-
TB030409	None - ND	-	-	-	-
TB030509	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	MW-4S ug/L	DUP030509 ug/L	RPD	Qualifier
None	ND	ND	-	-

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	Deficiency %R	Qualifier	Affected Samples
06SWBLCS	Fluoranthene	107%	J	12, 17, 18, 20, 21

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB030509	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were analyzed at various dilutions by the laboratory. No action was taken by the reviewer on this basis.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOC				
Compound	MW-4S ug/L	DUP030509 ug/L	RPD	Qualifier
Acenaphthylene	1	1	0%	None
Acenaphthene	7	7	0%	None
Fluorene	3	3	0%	None
Anthracene	1	1	0%	None
Fluoranthene	2	2	0%	None
Pyrene	3	3	0%	None

Total Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FB030509	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Metals/Cyanide				
Compound	MW-4S mg/L	DUP030509 mg/L	RPD	Qualifier
Total Cyanide	0.40	0.41	2%	None

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5613036 **Group No. 1134473**

MW-7R2 Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/02/2009 11:55 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH7R SDG#: COH07-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.040		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	130		5	ug/l	5
03951	Acenaphthylene	208-96-8	1	J	1	ug/l	1
03954	Acenaphthene	83-32-9	46		1	ug/l	1
03956	Fluorene	86-73-7	19		1	ug/l	1
03963	Phenanthrene	85-01-8	40		1	ug/l	1
03964	Anthracene	120-12-7	6		1	ug/l	1
03966	Fluoranthene	206-44-0	4	J	1	ug/l	1
03967	Pyrene	129-00-0	5		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	79		0.5	ug/l	1
05407	Toluene	108-88-3	2	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	9		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	23		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:39	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 12:02	Joseph M Gambler	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613037 **Group No. 1134473**

MW-16S Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/02/2009 14:50 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH16 SDG#: COH07-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.048	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:42	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 12:51	Joseph M Gambler	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613038 **Group No. 1134473**

MW-5R Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/02/2009 16:25 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH5R SDG#: COH07-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.026		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	560		10	ug/l	10
03951	Acenaphthylene	208-96-8	9		1	ug/l	1
03954	Acenaphthene	83-32-9	120		10	ug/l	10
03956	Fluorene	86-73-7	31		1	ug/l	1
03963	Phenanthrene	85-01-8	41		1	ug/l	1
03964	Anthracene	120-12-7	8		1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	4	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	380		1	ug/l	2
05407	Toluene	108-88-3	24		1	ug/l	2
05415	Ethylbenzene	100-41-4	210		2	ug/l	2
06310	Xylene (Total)	1330-20-7	170		2	ug/l	2

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:43	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 13:16	Joseph M Gambler	1

COH07 0033

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613039 **Group No. 1134473**

MW-10S Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/03/2009 10:25 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH10 SDG#: COH07-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0084 J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:45	Nicole M Kepley	COH07 0035
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 13:41	Joseph M Gambler	1

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Analysis Report

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Lancaster Laboratories Sample No. WW5613040 **Group No. 1134473**

MW-11S Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/03/2009 12:15 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH11 SDG#: COH07-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.043		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	2	J	1	ug/l	1
03954	Acenaphthene	83-32-9	9		1	ug/l	1
03956	Fluorene	86-73-7	N.D.		1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	N.D.		1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	4	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	6		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:46	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 14:05	Joseph M Gambler	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613041 **Group No. 1134473**

TB030309 Water Sample
COC 207221
Cohoes, NY Site
Collected:03/03/2009

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

TBCOH SDG#: COH07-06TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	03/05/2009 19:40	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/05/2009 19:40	Nicholas P Riehl	1

COH07 0039

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613042 **Group No. 1134473**

MW-17R Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/03/2009 15:10 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH17 SDG#: COH07-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.030		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	290		5	ug/l	5
03951	Acenaphthylene	208-96-8	2	J	1	ug/l	1
03954	Acenaphthene	83-32-9	44		1	ug/l	1
03956	Fluorene	86-73-7	13		1	ug/l	1
03963	Phenanthrene	85-01-8	21		1	ug/l	1
03964	Anthracene	120-12-7	2	J	1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	2	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	470		1	ug/l	2
05407	Toluene	108-88-3	5	J	1	ug/l	2
05415	Ethylbenzene	100-41-4	140		2	ug/l	2
06310	Xylene (Total)	1330-20-7	120		2	ug/l	2

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:47	Nicole M Kep	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 14:29	Joseph M Gambler	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5613043 **Group No. 1134473**

MW-9R Grab Water Sample
COC 207221
Cohoes, NY Site
Collected:03/03/2009 16:15 by JJR

Account Number: 09286

Submitted: 03/04/2009 09:10
Reported: 03/16/2009 at 14:48
Discard: 03/31/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH9R SDG#: COH07-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	27		1	ug/l	1
03951	Acenaphthylene	208-96-8	8		1	ug/l	1
03954	Acenaphthene	83-32-9	12		1	ug/l	1
03956	Fluorene	86-73-7	10		1	ug/l	1
03963	Phenanthrene	85-01-8	18		1	ug/l	1
03964	Anthracene	120-12-7	5		1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	3	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:50	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/05/2009 14:54	Joseph M Gambler	1

COH07 0042

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5614306 **Group No. 1134720**

MW-12S Grab Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009 10:20 by CJM

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO12S SDG#: COH07-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.011	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:52	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 14:23	Gregory J Drahovsky	1

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5614307 **Group No. 1134720**

MW-12R Grab Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009 11:25 by CJM

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO12R SDG#: COH07-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.013		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	8		1	ug/l	1
03954	Acenaphthene	83-32-9	9		1	ug/l	1
03956	Fluorene	86-73-7	5		1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	N.D.		1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	1	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	65		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	3	J	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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	Dilutic Factor
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:53	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 14:47	Gregory J Drahovsky	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5614308 **Group No. 1134720**

TB030409 Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

T-COH SDG#: COH07-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	03/09/2009 13:37	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2009 13:37	Chelsea B Eastep	1

COH07 0058

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5614309 **Group No. 1134720**

MW-15S Grab Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009 13:55 by CJM

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO15S SDG#: COH07-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0095 J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	25	1	ug/l	1
03954	Acenaphthene	83-32-9	22	1	ug/l	1
03956	Fluorene	86-73-7	31	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	5 J	1	ug/l	1
03967	Pyrene	129-00-0	6	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
	The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene					
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	5	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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

COH07 8851

Laboratory Chronicle

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5614310 **Group No. 1134720**

MW-15R1 Grab Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009 14:45 by CJM

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO151 SDG#: COH07-13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0099	J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		0.9	ug/l	1
03951	Acenaphthylene	208-96-8	2	J	0.9	ug/l	1
03954	Acenaphthene	83-32-9	3	J	0.9	ug/l	1
03956	Fluorene	86-73-7	1	J	0.9	ug/l	1
03963	Phenanthrene	85-01-8	1	J	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.		0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.		0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.		0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		0.9	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	52		0.5	ug/l	1
05407	Toluene	108-88-3	2	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	28		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	23		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:55	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 15:36	Gregory J Drahovsky	1

COH07 0953

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Lancaster Laboratories Sample No. WW5614311 **Group No. 1134720**

MW-15R2 Grab Water Sample
COC 207222
Cohoes, NY Site
Collected:03/04/2009 16:25 by CJM

Account Number: 09286

Submitted: 03/05/2009 09:25
Reported: 03/17/2009 at 08:57
Discard: 04/01/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO152 SDG#: COH07-14

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.011		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	8		0.9	ug/l	1
03951	Acenaphthylene	208-96-8	4	J	0.9	ug/l	1
03954	Acenaphthene	83-32-9	5	J	0.9	ug/l	1
03956	Fluorene	86-73-7	1	J	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.		0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.		0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.		0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		0.9	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	46		0.5	ug/l	1
05407	Toluene	108-88-3	1	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	30		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	13		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:56	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 16:00	Gregory J Drahovsky	1

COH07 08255

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Analysis Report

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Lancaster Laboratories Sample No. WW5615254 **Group No. 1134869**

MW-2S Unspiked Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 09:35 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRM2S SDG#: COH07-15BKG

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.010		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	2	J	1	ug/l	1
03954	Acenaphthene	83-32-9	34		1	ug/l	1
03956	Fluorene	86-73-7	10		1	ug/l	1
03963	Phenanthrene	85-01-8	8		1	ug/l	1
03964	Anthracene	120-12-7	1	J	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	N.D.		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	4	J	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 13:57	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 13:09	Gregory J Drahovsky	1

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615257 **Group No. 1134869**

MW-2S Duplicate Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 09:35 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRM2S SDG#: COH07-15DUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.011	0.0050	mg/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 14:01	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	03/11/2009 10:20	Nancy J Shoop	1

COH07 0015

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615258 **Group No. 1134869**

MW-2R2 Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 11:15 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BR2R2 SDG#: COH07-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.022		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	1,400		20	ug/l	20
03951	Acenaphthylene	208-96-8	5		1	ug/l	1
03954	Acenaphthene	83-32-9	200		20	ug/l	20
03956	Fluorene	86-73-7	42		1	ug/l	1
03963	Phenanthrene	85-01-8	47		1	ug/l	1
03964	Anthracene	120-12-7	9		1	ug/l	1
03966	Fluoranthene	206-44-0	2	J	1	ug/l	1
03967	Pyrene	129-00-0	3	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
	The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene						
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	170		1	ug/l	2
05407	Toluene	108-88-3	5	J	1	ug/l	2
05415	Ethylbenzene	100-41-4	190		2	ug/l	2
06310	Xylene (Total)	1330-20-7	110		2	ug/l	2
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.						

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

COH07 0866

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615259 **Group No. 1134869**

MW-2R1 Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 12:10 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BR2R1 SDG#: COH07-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0099	J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	1,800		19	ug/l	20
03951	Acenaphthylene	208-96-8	5		0.9	ug/l	1
03954	Acenaphthene	83-32-9	180		19	ug/l	20
03956	Fluorene	86-73-7	40		0.9	ug/l	1
03963	Phenanthrene	85-01-8	46		0.9	ug/l	1
03964	Anthracene	120-12-7	8		0.9	ug/l	1
03966	Fluoranthene	206-44-0	2	J	0.9	ug/l	1
03967	Pyrene	129-00-0	2	J	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.		0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		0.9	ug/l	1

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	280		1	ug/l	2.5
05407	Toluene	108-88-3	11	J	2	ug/l	2.5
05415	Ethylbenzene	100-41-4	260		2	ug/l	2.5
06310	Xylene (Total)	1330-20-7	180		2	ug/l	2.5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

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

COH07 0068

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615260 **Group No. 1134869**

FB030509 Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 14:00 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRMFB SDG#: COH07-18FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	1	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1	ug/l	1
03956	Fluorene	86-73-7	N.D.	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1	ug/l	1
03964	Anthracene	120-12-7	N.D.	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1	ug/l	1
03967	Pyrene	129-00-0	N.D.	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1	ug/l	1
03971	Chrysene	218-01-9	N.D.	1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1	ug/l	1
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 14:07	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 17:13	Gregory J Drahovsky	1

COH07-0070

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615261 **Group No. 1134869**

MW-4S Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 14:55 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRM4S SDG#: COH07-19

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.40		0.010	mg/l	2
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	1	J	1	ug/l	1
03954	Acenaphthene	83-32-9	7		1	ug/l	1
03956	Fluorene	86-73-7	3	J	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	1	J	1	ug/l	1
03966	Fluoranthene	206-44-0	2	J J	1	ug/l	1
03967	Pyrene	129-00-0	3	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
	The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene						
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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

COH07 0022

Laboratory Chronicle

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Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615262 **Group No. 1134869**

DUP030509 Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRMFD SDG#: COH07-20FD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.41		0.010	mg/l	2
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	1	J	1	ug/l	1
03954	Acenaphthene	83-32-9	7		1	ug/l	1
03956	Fluorene	86-73-7	3	J	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	1	J	1	ug/l	1
03966	Fluoranthene	206-44-0	2	✗ J	1	ug/l	1
03967	Pyrene	129-00-0	3	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
	The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene						
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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

COH07 0074

Laboratory Chronicle

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615263 **Group No. 1134869**

TB030509 Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BRM-T SDG#: COH07-21TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	03/10/2009 20:57	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/10/2009 20:57	Nicholas P Riehl	1

COH07 0876

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW5615264 **Group No. 1134869**

MW-4R2 Grab Water Sample
COC 207223
Cohoes, NY Site
Collected:03/05/2009 16:00 by CJM

Account Number: 09286

Submitted: 03/06/2009 09:10
Reported: 03/18/2009 at 19:24
Discard: 04/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

BR4R2 SDG#: COH07-22*

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	16		1	ug/l	1
03951	Acenaphthylene	208-96-8	8		1	ug/l	1
03954	Acenaphthene	83-32-9	19		1	ug/l	1
03956	Fluorene	86-73-7	6		1	ug/l	1
03963	Phenanthrene	85-01-8	8		1	ug/l	1
03964	Anthracene	120-12-7	1	J	1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	1	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	270		0.5	ug/l	1
05407	Toluene	108-88-3	2	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	120		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	42		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/11/2009 14:10	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/08/2009 18:26	Gregory J Drahovsky	1

COH07 8827

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ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH08
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: June 25, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-18S	5616511	Water
2	MW-18R1	5616512	Water
3	MW-18R2	5616513	Water
4*	TB030609	5616514	Water

* VOC only

A Data Usability Summary Review was performed on the analytical data for three water samples, and one aqueous trip blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the data is acceptable for the intended purposes. Data were not qualified.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not included in this data package.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
TB030609	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not included in this data package.

Laboratory Control Samples

- All criteria were met.

Method Blank

- Method blanks were not included in this data package.

Field Blank

- Field QC samples were not analyzed.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not included in this data package.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not included in this data package.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 6/30/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5616511 **Group No. 1135096**

MW-18S Grab Water Sample
COC# 201363
Cohoes, NY Site
Collected:03/06/2009 10:30 by CJM

Account Number: 09286

Submitted: 03/07/2009 10:00
Reported: 03/19/2009 at 18:22
Discard: 04/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

-18S- SDG#: COH08-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.0084	J	0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	N.D.		1	ug/l	1
03951	Acenaphthylene	208-96-8	3	J	1	ug/l	1
03954	Acenaphthene	83-32-9	4	J	1	ug/l	1
03956	Fluorene	86-73-7	3	J	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	N.D.		1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	N.D.		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	2	J	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/16/2009 10:54	William L Hamaker Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/11/2009 03:57	Linda M Hartenstine	1

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6/25/09

Analysis Report

Lancaster Laboratories

2

Lancaster Laboratories Sample No. WW5616512 **Group No. 1135096**

MW-18R1 Grab Water Sample
COC# 201363
Cohoes, NY Site
Collected:03/06/2009 11:20 by CJM

Account Number: 09286

Submitted: 03/07/2009 10:00
Reported: 03/19/2009 at 18:22
Discard: 04/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

-18R1 SDG#: COH08-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08255	Total Cyanide (water)	57-12-5	0.016		0.0050	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	120		2	ug/l	2
03951	Acenaphthylene	208-96-8	38		1	ug/l	1
03954	Acenaphthene	83-32-9	35		1	ug/l	1
03956	Fluorene	86-73-7	23		1	ug/l	1
03963	Phenanthrene	85-01-8	21		1	ug/l	1
03964	Anthracene	120-12-7	6		1	ug/l	1
03966	Fluoranthene	206-44-0	3	J	1	ug/l	1
03967	Pyrene	129-00-0	3	J	1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX in Water by 8260						
05401	Benzene	71-43-2	22		0.5	ug/l	1
05407	Toluene	108-88-3	1	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	33		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	29		0.8	ug/l	1

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
08255	Total Cyanide (water)	SW-846 9012A	1	03/16/2009 10:55	William L Hamberger Jr	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	03/11/2009 04:20	Linda M Hartenstine	1

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DW 6/25/09

Lancaster Laboratories

4

Lancaster Laboratories Sample No. WW5616514 **Group No. 1135096**

TB030609 Water Sample
COC# 201363
Cohoes, NY Site
Collected:03/06/2009

Account Number: 09286

Submitted: 03/07/2009 10:00
Reported: 03/19/2009 at 18:22
Discard: 04/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

-TB69 SDG#: COH08-04TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX in Water by 8260					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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
02300	BTEX in Water by 8260	SW-846 8260B	1	03/10/2009 13:07	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/10/2009 13:07	Matthew S Woods	1

COH08-0020

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AW
6/25/09

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH09
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: August 3, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-19S	5691108	Water
2	MW-19R1	5691109	Water
3	MW-19R2	5691110	Water
4	DUP060209	5691111	Water
5	MW-20S	5691112	Water
6	MW-20R2	5691113	Water
6MS*	MW-20R2MS	5691113MS	Water
7	MW-20R1	5691114	Water
8	MW-8R	5691115	Water
9	MW-8S	5691116	Water
10	FB060309	5691117	Water
11	TB060309	5691118	Water
12	MW-5R	5693438	Water
13	MW-1S	5693439	Water
13MS**	MW-1SMS	5693439MS	Water
14	MW-3S	5693440	Water
15	MW-7S	5693441	Water
16	MW-7R1	5693442	Water
17	MW-7R2	5693443	Water
18	MW-11S	5693444	Water
19	TB060509	5693445	Water
20	MW-10S	5693446	Water
21	MW-13S	5693447	Water

** Cyanide only* *** VOC only*

A Data Usability Summary Review was performed on the analytical data for eighteen water samples, two aqueous trip blank samples, and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejection of data.

Overall the data is acceptable for the intended purposes. Data were not qualified.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS sample exhibited acceptable %R values.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB060309	None - ND	-	-	-	-
TB060309	None - ND	-	-	-	-
TB060509	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-19R2 ug/L	DUP060209 ug/L	RPD	Qualifier
None	ND	ND	-	-

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not included in this data package.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB060309	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-19R2 ug/L	DUP060209 ug/L	RPD	Qualifier
None	ND	ND	-	-

Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS sample exhibited acceptable %R values.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Action Level mg/L	Qualifier	Affected Samples
FB060309	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-19R2 mg/L	DUP060209 mg/L	RPD	Qualifier
Total Cyanide	0.014	0.017	19%	None

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 8/3/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

1

Lancaster Laboratories Sample No. WW 5691108

Group No. 1147749
NY

SW-19S Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/02/2009 13:35 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO19S SDG#: COH09-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 18:13	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 18:13	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/11/2009 23:32	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:24	Venia B McFadden	1

COH09 0824

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LW 8/31/09

Analysis Report

Lancaster Laboratories

2

Lancaster Laboratories Sample No. WW 5691109

MW-19R1 Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/02/2009 15:05 by CJM

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Group No. 1147749
NY

Account Number: 09286

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

19R1 SDG#: COH09-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 18:36	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 18:36	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/11/2009 23:56	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:25	Venia B McFadden	1

COH09 0026

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MW 813109

Analysis Report

Lancaster Laboratories

3

ancaster Laboratories Sample No. WW 5691110

Group No. 1147749
NY

W-19R2 Grab Water Sample
OC# 215309
ohoes, NY Site

ollected: 06/02/2009 16:05 by CJM

Account Number: 09286

ubmitted: 06/04/2009 09:40
eported: 06/17/2009 at 10:12
iscard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

19R2 SDG#: COH09-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
W-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	270	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
W-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
W-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	0.014	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 18:59	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 18:59	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 00:20	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:26	Venia B McFadden	1

COH09 0828

Lancaster Laboratories, Inc.
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LW 8/31/09

Analysis Report

Lancaster Laboratories

4

Lancaster Laboratories Sample No. WW 5691111

Group No. 1147749
NY

DUP060209 Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/02/2009 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHFD SDG#: COH09-04FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	280	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.017	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 19:22	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 19:22	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 00:43	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:28	Venia B McFadden	1

COH09-0830

Lancaster Laboratories, Inc.
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NW 8/31/09

Analysis Report

Lancaster Laboratories

5

Lancaster Laboratories Sample No. WW 5691112

Group No. 1147749
NY

MW-20S Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 09:15 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO20S SDG#: COH09-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 19:46	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 19:46	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 01:07	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:31	Venia B McFadden	1

COH09 0032

Lancaster Laboratories, Inc.
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717 656 2300 Fax: 717 656 2681

NW 8/3/09

Analysis Report

Lancaster Laboratories

6

Lancaster Laboratories Sample No. WW 5691113

Group No. 1147749
NY

MW-20R2 Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 10:10 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

20R2 SDG#: COH09-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	32,000		130	250
02300	Ethylbenzene	100-41-4	1,900		20	25
02300	Toluene	108-88-3	1,400		18	25
02300	Xylene (Total)	1330-20-7	1,200		20	25
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	11		1	1
07805	Acenaphthylene	208-96-8	2	J	1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	N.D.		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1,400		20	20
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 22:04	Angela D Sneeringer	25
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 22:27	Angela D Sneeringer	250
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 22:04	Angela D Sneeringer	25
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T091601AA	06/09/2009 22:27	Angela D Sneeringer	250

COH09 0834

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

NW
8/3/09

Analysis Report

Lancaster Laboratories

7

Lancaster Laboratories Sample No. WW 5691114

Group No. 1147749
NY

MW-20R1 Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 11:35 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

20R1 SDG#: COH09-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 20:09	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 20:09	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 01:56	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:36	Venia B McFadden	1

COH09 0036

Lancaster Laboratories, Inc.
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MW 8/31/09

Analysis Report

Lancaster Laboratories

8

Lancaster Laboratories Sample No. WW 5691115

Group No. 1147749
NY

MW-8R Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 13:40 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH8R SDG#: COH09-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	16		0.5	1
02300	Ethylbenzene	100-41-4	3	J	0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	4	J	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	11		1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	1	J	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	7		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 20:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 20:32	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 02:19	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:37	Venia B McFadden	1

COH09 0838

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MW 8/31/09

Analysis Report

Lancaster Laboratories

9

Lancaster Laboratories Sample No. WW 5691116

Group No. 1147749
NY

MW-8S Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 14:50 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH8S SDG#: COH09-09

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	N.D.		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	2	J	1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	N.D.		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 20:55	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 20:55	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 11:58	William T Parker	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:38	Venia B McFadden	1

COH09 8848

Lancaster Laboratories, Inc.
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717-656-2300 Fax: 717-656-2681

MW 8/3/09

Analysis Report

Lancaster Laboratories

10

Lancaster Laboratories Sample No. WW 5691117

Group No. 1147749
NY

WB060309 Grab Water Sample
COC# 215309
Cohoes, NY Site

Collected: 06/03/2009 13:55 by CJM

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHFB SDG#: COH09-10FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 21:18	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 21:18	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09157WAH026	06/12/2009 12:23	William T Parker	1
07807	BNA Water Extraction	SW-846 3510C	1	09157WAH026	06/08/2009 10:15	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09164117101A	06/16/2009 19:39	Venia B McFadden	1

COH09 0852

Lancaster Laboratories, Inc.
2425 New Holland Pike
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LW 8/31/09

Analysis Report

Lancaster Laboratories

11

Lancaster Laboratories Sample No. WW 5691118

Group No. 1147749
NY

TB060309 Water Sample
COC# 215310
Cohoes, NY Site

Collected: 06/03/2009

Account Number: 09286

Submitted: 06/04/2009 09:40
Reported: 06/17/2009 at 10:12
Discard: 07/02/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHTB SDG#: COH09-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	T091601AA	06/09/2009 21:41	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T091601AA	06/09/2009 21:41	Angela D Sneeringer	1

COH09 0044

Lancaster Laboratories, Inc.
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717-656-2300 Fax: 717-656-2681

MW 8/31/09

Lancaster Laboratories

12

Lancaster Laboratories Sample No. WW 5693438 **Group No. 1148080**
NY

MW-5R Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 09:15 by CJM Account Number: 09286

Submitted: 06/06/2009 10:00 Brown & Caldwell
Reported: 06/18/2009 at 17:26 234 Hudson Ave.
Discard: 07/03/2009 Albany NY 12210

COH5R SDG#: COH09-12

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	730		1	2.5
02300	Ethylbenzene	100-41-4	320		2	2.5
02300	Toluene	108-88-3	42		2	2.5
02300	Xylene (Total)	1330-20-7	240		2	2.5
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	150		10	10
07805	Acenaphthylene	208-96-8	12		1	1
07805	Anthracene	120-12-7	9		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	3	J	1	1
07805	Fluorene	86-73-7	37		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	670		10	10
07805	Phenanthrene	85-01-8	44		1	1
07805	Pyrene	129-00-0	4	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.018		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 16:38	Emily R Styer	2.5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 16:38	Emily R Styer	2.5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/16/2009 22:19	Gregory J Drahovsky	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 16:36	Joseph M Gambler	10
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1

COH09-0047

Analysis Report

13

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5693439

Group No. 1148080
NY

MW-1S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 10:20 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH1S SDG#: COH09-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 10:53	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 10:53	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/16/2009 22:44	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:30	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0049

Analysis Report

Lancaster Laboratories

14

Lancaster Laboratories Sample No. WW 5693440

Group No. 1148080
NY

MW-3S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 11:20 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH3S SDG#: COH09-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 13:34	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 13:34	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/16/2009 23:08	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:31	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0058

Analysis Report

Lancaster Laboratories

15

Lancaster Laboratories Sample No. WW 5693441

Group No. 1148080
NY

MW-7S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 13:50 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH7S SDG#: COH09-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.042	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 14:20	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 14:20	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/16/2009 23:32	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:32	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0051

Analysis Report

Lancaster Laboratories

16

Lancaster Laboratories Sample No. WW 5693442

Group No. 1148080
NY

MW-7R1 Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 14:35 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH71 SDG#: COH09-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	97	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.029	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 14:44	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 14:44	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/16/2009 23:57	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:33	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0852

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717 656 2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

17

Lancaster Laboratories Sample No. WW 5693443 **Group No. 1148080**
NY

MW-7R2 Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/04/2009 15:50 by CJM Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH72 SDG#: COH09-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	76		0.5	1
02300	Ethylbenzene	100-41-4	13		0.8	1
02300	Toluene	108-88-3	2	J	0.7	1
02300	Xylene (Total)	1330-20-7	23		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	47		1	1
07805	Acenaphthylene	208-96-8	1	J	1	1
07805	Anthracene	120-12-7	7		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	5	J	1	1
07805	Fluorene	86-73-7	21		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	140		2	2
07805	Phenanthrene	85-01-8	40		1	1
07805	Pyrene	129-00-0	4	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.033		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 15:07	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 15:07	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 00:21	Gregory J Drahovsky	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 17:01	Joseph M Gambler	2
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger.	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:34	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0053

Analysis Report

Lancaster Laboratories

18

Lancaster Laboratories Sample No. WW 5693444

Group No. 1148080
NY

MW-11S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/05/2009 09:00 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH11 SDG#: COH09-18

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	10		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	10		1	1
07805	Acenaphthylene	208-96-8	2	J	1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	N.D.		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	4	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.052		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 15:30	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 15:30	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 00:46	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:36	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 0854

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

19

ancaster Laboratories Sample No. WW 5693445

Group No. 1148080
NY

:B060509 Water Sample
:OC# 215311
:ohoes, NY Site

:ollected: 06/05/2009

Account Number: 09286

;ubmitted: 06/06/2009 10:00
:eported: 06/18/2009 at 17:26
)iscard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

:OHTR SDG#: COH09-19TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 09:44	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 09:44	Emily R Styer	1

COH09 0055

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

20

Lancaster Laboratories Sample No. WW 5693446

Group No. 1148080
NY

MW-10S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/05/2009 10:20 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH10 SDG#: COH09-20

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	32		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	6		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	N.D.		1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	N.D.		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1	J	1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.018		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 15:53	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 15:53	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 01:10	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101A	06/16/2009 21:37	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101A	06/16/2009 10:50	Nancy J Shoop	1

COH09 00856

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

21

Lancaster Laboratories Sample No. WW 5693447

Group No. 1148080
NY

MW-13S Grab Water Sample
COC# 215311
Cohoes, NY Site

Collected: 06/05/2009 11:15 by CJM

Account Number: 09286

Submitted: 06/06/2009 10:00
Reported: 06/18/2009 at 17:26
Discard: 07/03/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH13 SDG#: COH09-21*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	W091621AA	06/11/2009 16:15	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W091621AA	06/11/2009 16:15	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09160WAB026	06/17/2009 01:34	Gregory J Drahovsky	1
07807	BNA Water Extraction	SW-846 3510C	1	09160WAB026	06/09/2009 16:31	Timothy J Attenberger	1
08255	Total Cyanide (water)	SW-846 9012A	1	09167117101B	06/16/2009 21:38	Venia B McFadden	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09167117101B	06/16/2009 10:50	Nancy J Shoop	1

COH09 0057

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
NATIONAL GRID COHOES MGP SITE

Client: Brown and Caldwell, Albany, New York
SDG: COH10
Laboratory: Lancaster Laboratories, Inc., Lancaster, Pennsylvania
Site: Cohoes MGP Site
Date: August 3, 2009

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-16S	5695773	Water
1MS*	MW-16SMS	5695773MS	Water
2	MW-14S	5695774	Water
2MS**	MW-14SMS	5695774MS	Water
3	MW-9R	5695775	Water
4	MW-17R	5695776	Water
5	MW-2S	5695777	Water
6	MW-2R1	5695778	Water
7	MW-2R2	5695779	Water
8	DUP060909	5695780	Water
9	FB060909	5695781	Water
10	TB060909	5695782	Water
11	MW-4R2	5695783	Water
12	MW-4S	5695784	Water
13	MW-15S	5695864	Water
14	MW-15R2	5695865	Water
15	MW-15R1	5695866	Water
16	MW-12S	5695867	Water
17	MW-12R	5695868	Water
18	MW-18S	5695869	Water
19	MW-18R1	5695870	Water
20	MW-18R2	5695871	Water
21	TB061109	5695872	Water

** Cyanide only* *** VOC only*

A Data Usability Summary Review was performed on the analytical data for eighteen water samples, two aqueous trip blank samples, and one aqueous field blank sample collected by Brown and Caldwell at the Cohoes MGP site. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The validation report pertains to the samples indicated in each individual section:

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes. Data were not qualified.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS samples exhibited acceptable %R values.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB060909	None - ND	-	-	-	-
TB060909	None - ND	-	-	-	-
TB061109	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-2R2 ug/L	DUP060909 ug/L	RPD	Qualifier
Benzene	17	18	6%	None
Ethylbenzene	18	18	0%	None
Total Xylene	6	6	0%	None

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not included in this data package.

Laboratory Control Samples

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB060909	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-2R2 ug/L	DUP060909 ug/L	RPD	Qualifier
Acenaphthene	220	210	5%	None
Acenaphthylene	5	6	18%	None
Anthracene	9	9	0%	None
Fluoranthene	2	2	0%	None
Fluorene	45	45	0%	None
Naphthalene	1400	1400	0%	None
Phenanthrene	47	48	2%	None
Pyrene	3	3	0%	None

Cyanide

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed with 14 days for cyanide.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS samples exhibited acceptable %R values.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB060909	None - ND	-	-	-	-

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MW-2R2 mg/L	DUP060909 mg/L	RPD	Qualifier
Total Cyanide	0.023	0.021	9%	None

Package Summary:

All data are valid and usable with qualifications as noted in this review.

Signed: Nancy Weaver Dated: 8/3/09

Nancy Weaver
Senior Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5695773

Group No. 1148518
NY

MW-16S Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/08/2009 11:20 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH16 SDG#: COH10-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.014	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 01:38	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 01:38	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 12:39	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:24	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

Analysis Report

Lancaster Laboratories

2

Lancaster Laboratories Sample No. WW 5695774

Group No. 1148518
NY

MW-14S Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/08/2009 12:20 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH14 SDG#: COH10-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	12		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	0.8	J	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	13		1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	2	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	1	J	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	6		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	2	J	1	1
07805	Phenanthrene	85-01-8	10		1	1
07805	Pyrene	129-00-0	3	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.043		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 02:02	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 02:02	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 13:04	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:57	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

COH10 00025

Analysis Report

Lancaster Laboratories

3

Lancaster Laboratories Sample No. WW 5695775

Group No. 1148518
NY

MW-9R Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/08/2009 14:30 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH9R SDG#: COH10-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	1	J	0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	11		1	1
07805	Acenaphthylene	208-96-8	6		1	1
07805	Anthracene	120-12-7	5	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	9		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	9		1	1
07805	Phenanthrene	85-01-8	14		1	1
07805	Pyrene	129-00-0	2	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 03:28	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 03:28	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 13:28	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:29	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

COH10 00026

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695776 | **Group No. 1148518** NY

MW-17R Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/08/2009 15:35 by CJM | Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH17 SDG#: COH10-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	450		5	10
02300	Ethylbenzene	100-41-4	60		0.8	1
02300	Toluene	108-88-3	3	J	0.7	1
02300	Xylene (Total)	1330-20-7	69		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	40		1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	2	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	15		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	160		2	2
07805	Phenanthrene	85-01-8	22		1	1
07805	Pyrene	129-00-0	2	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.022		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 05:01	Emily R Styer	1
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 05:26	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 05:01	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N091651AA	06/15/2009 05:26	Emily R Styer	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 13:53	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 21:46	Gregory J Drahovsky	2
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1

COH16-8827

Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695777

Group No. 1148518
NY

MW-2S Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009 09:10 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH2S SDG#: COH10-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	7		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	41		1	1
07805	Acenaphthylene	208-96-8	3	J	1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	11		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	5	J	1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.0076	J	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 03:52	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 03:52	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 14:17	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:31	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

Cohoes 0829

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695778

Group No. 1148518
NY

MW-2R1 Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009 10:05 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH21 SDG#: COH10-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	260		3	5
02300	Ethylbenzene	100-41-4	250		4	5
02300	Toluene	108-88-3	10	J	4	5
02300	Xylene (Total)	1330-20-7	160		4	5
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	180		2	2
07805	Acenaphthylene	208-96-8	5		1	1
07805	Anthracene	120-12-7	8		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	40		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1,500		20	20
07805	Phenanthrene	85-01-8	44		1	1
07805	Pyrene	129-00-0	2	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 05:49	Emily R Styer	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 05:49	Emily R Styer	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 14:41	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 22:10	Gregory J Drahovsky	COH10 2 8838
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 22:34	Gregory J Drahovsky	20

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717 656-2300 Fax: 717 656-2681

Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695779 **Group No. 1148518**
NY

MW-2R2 Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009 11:05 by CJM Account Number: 09286

Submitted: 06/10/2009 09:25 Brown & Caldwell
Reported: 06/23/2009 at 18:50 234 Hudson Ave.
Discard: 07/08/2009 Albany NY 12210

COH22 SDG#: COH10-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	17		1	2.5
02300	Ethylbenzene	100-41-4	18		2	2.5
02300	Toluene	108-88-3	N.D.		2	2.5
02300	Xylene (Total)	1330-20-7	6	J	2	2.5
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	220		5	5
07805	Acenaphthylene	208-96-8	5		1	1
07805	Anthracene	120-12-7	9		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	45		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1,400		19	20
07805	Phenanthrene	85-01-8	47		1	1
07805	Pyrene	129-00-0	3	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.023		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 06:13	Emily R Styer	2.5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 06:13	Emily R Styer	2.5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 15:06	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 22:58	Gregory J Drahovsky	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 23:23	Gregory J Drahovsky	20

COH10 0032

Lancaster Laboratories, Inc.
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695780

Group No. 1148518
NY

DUP060909 Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

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234 Hudson Ave.
Albany NY 12210

COHD9 SDG#: COH10-08FD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	18		1	2.5
02300	Ethylbenzene	100-41-4	18		2	2.5
02300	Toluene	108-88-3	N.D.		2	2.5
02300	Xylene (Total)	1330-20-7	6	J	2	2.5
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	210		5	5
07805	Acenaphthylene	208-96-8	6		1	1
07805	Anthracene	120-12-7	9		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	45		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1,400		19	20
07805	Phenanthrene	85-01-8	48		1	1
07805	Pyrene	129-00-0	3	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.021		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 06:37	Emily R Styer	2.5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 06:37	Emily R Styer	2.5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 15:30	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 23:47	Gregory J Drahovsky	COH10 8854
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/16/2009 00:12	Gregory J Drahovsky	20

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5695781

Group No. 1148518
NY

FB060909 Grab Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009 13:00 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHF9 SDG#: COH10-09FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 00:52	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 00:52	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 15:55	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:38	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

COH10 0836

Analysis Report

Lancaster Laboratories

10

Lancaster Laboratories Sample No. WW 5695782

Group No. 1148518
NY

TB060909 Water Sample
COC# 215312
Cohoes, NY Site

Collected: 06/09/2009

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COHT9 SDG#: COH10-10TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 01:15	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 01:15	Emily R Styer	1

COH10 0037

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2425 New Holland Pike
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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5695783 **Group No. 1148518**
NY

MW-4R2 Grab Water Sample
COC# 215313
Cohoes, NY Site

Collected: 06/09/2009 13:55 by CJM Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH42 SDG#: COH10-11

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	300		5	10
02300	Ethylbenzene	100-41-4	130		0.8	1
02300	Toluene	108-88-3	2	J	0.7	1
02300	Xylene (Total)	1330-20-7	39		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	20		1	1
07805	Acenaphthylene	208-96-8	7		1	1
07805	Anthracene	120-12-7	1	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	7		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	8		1	1
07805	Phenanthrene	85-01-8	9		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 04:38	Emily R Styer	1
02300	BTEX in Water by 8260	SW-846 8260B	1	N091661AA	06/15/2009 17:31	Chelsea B Eastep	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 04:38	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N091661AA	06/15/2009 17:31	Chelsea B Eastep	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 16:19	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101A	06/22/2009 10:39	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101A	06/20/2009 09:30	Nancy J Shoop	1

COH10 0038

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717.656.2300 Fax: 717.656.2681

Analysis Report

Lancaster Laboratories

12

Lancaster Laboratories Sample No. WW 5695784

Group No. 1148518
NY

MW-4S Grab Water Sample
COC# 215313
Cohoes, NY Site

Collected: 06/09/2009 14:40 by CJM

Account Number: 09286

Submitted: 06/10/2009 09:25
Reported: 06/23/2009 at 18:50
Discard: 07/08/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

COH4S SDG#: COH10-12

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	3	J	0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	9		1	1
07805	Acenaphthylene	208-96-8	2	J	1	1
07805	Anthracene	120-12-7	1	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	2	J	1	1
07805	Fluorene	86-73-7	3	J	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	3	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.39		0.025	5

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 04:15	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 04:15	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09162WAE026	06/15/2009 16:43	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	09162WAE026	06/12/2009 09:30	Cynthia J Salvatori	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:58	Nicole M Kepley	5
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5697864

Group No. 1148890
NY

MW-15S Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/10/2009 09:25 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO15S SDG#: COH10-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	3 J	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	22	0.9	1
07805	Acenaphthylene	208-96-8	26	0.9	1
07805	Anthracene	120-12-7	N.D.	0.9	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.9	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.9	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	1
07805	Chrysene	218-01-9	N.D.	0.9	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	1
07805	Fluoranthene	206-44-0	6	0.9	1
07805	Fluorene	86-73-7	34	0.9	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	1
07805	Naphthalene	91-20-3	N.D.	0.9	1
07805	Phenanthrene	85-01-8	N.D.	0.9	1
07805	Pyrene	129-00-0	7	0.9	1

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091703AA	06/20/2009 00:53	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091703AA	06/20/2009 00:53	Chelsea B Eastep	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/24/2009 23:12	Linda M Hartenstine	1

CORR: 88442

Lancaster Laboratories

14

Lancaster Laboratories Sample No. WW 5697865 **Group No. 1148890**
NY

MW-15R2 Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/10/2009 10:15 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO5R2 SDG#: COH10-14

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	80		0.5	1
02300	Ethylbenzene	100-41-4	58		0.8	1
02300	Toluene	108-88-3	2	J	0.7	1
02300	Xylene (Total)	1330-20-7	25		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	5	J	1	1
07805	Acenaphthylene	208-96-8	N.D.		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	1	J	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.0076	J	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 07:00	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 07:00	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/24/2009 23:36	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:45	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH10 88414

Analysis Report

Lancaster Laboratories

15

Lancaster Laboratories Sample No. WW 5697866

Group No. 1148890
NY

MW-15R1 Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/10/2009 11:35 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO5R1 SDG#: COH10-15

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	60		0.5	1
02300	Ethylbenzene	100-41-4	45		0.8	1
02300	Toluene	108-88-3	3	J	0.7	1
02300	Xylene (Total)	1330-20-7	44		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	8		1	1
07805	Acenaphthylene	208-96-8	4	J	1	1
07805	Anthracene	120-12-7	1	J	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	4	J	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	28		1	1
07805	Phenanthrene	85-01-8	3	J	1	1
07805	Pyrene	129-00-0	1	J	1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.0084	J	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 07:22	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 07:22	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 00:00	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:46	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH10 0045

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

16

Lancaster Laboratories Sample No. WW 5697867 Group No. 1148890
NY

MW-12S Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/10/2009 13:50 by CJM Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

MO12S SDG#: COH10-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l		ug/l	
02300	Benzene	71-43-2	2	J	0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l		ug/l	
07805	Acenaphthene	83-32-9	2	J	1	1
07805	Acenaphthylene	208-96-8	3	J	1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	N.D.		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	N.D.		1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	Wet Chemistry		mg/l		mg/l	
08255	Total Cyanide (water)	57-12-5	0.015		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 07:46	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 07:46	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 00:24	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:50	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH12 0046

Analysis Report

Lancaster Laboratories

17

Lancaster Laboratories Sample No. WW 5697868

Group No. 1148890
NY

MW-12R Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/10/2009 14:35 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO12R SDG#: COH10-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	68		0.5	1
02300	Ethylbenzene	100-41-4	2	J	0.8	1
02300	Toluene	108-88-3	N.D.		0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	9		1	1
07805	Acenaphthylene	208-96-8	9		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	6		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	N.D.		1	1
07805	Phenanthrene	85-01-8	1	J	1	1
07805	Pyrene	129-00-0	N.D.		1	1
SW-846 9012A	**Wet Chemistry**		**mg/l**		**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.015		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 08:10	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 08:10	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 00:48	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:51	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH10 0047

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Analysis Report

Lancaster Laboratories

18

Lancaster Laboratories Sample No. WW 5697869

Group No. 1148890
NY

MW-18S Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/11/2009 09:30 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

Brown & Caldwell
234 Hudson Ave.
Albany NY 12210

CO18S SDG#: COH10-18

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	1 J	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l	ug/l	
07805	Acenaphthene	83-32-9	6	1	1
07805	Acenaphthylene	208-96-8	5	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	7	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
SW-846 9012A	Wet Chemistry		mg/l	mg/l	
08255	Total Cyanide (water)	57-12-5	0.0086 J	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 08:33	Emily R Styer	1
11163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 08:33	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 01:11	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:52	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH18 00418

Lancaster Laboratories

19

Lancaster Laboratories Sample No. WW 5697870 Group No. 1148890
NY

MW-18R1 Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/11/2009 10:20 by CJM Account Number: 09286

Submitted: 06/12/2009 09:05 Brown & Caldwell
Reported: 06/25/2009 at 12:03 234 Hudson Ave.
Discard: 07/10/2009 Albany NY 12210

CO8R1 SDG#: COH10-19

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l		ug/l	
02300	Benzene	71-43-2	25		0.5	1
02300	Ethylbenzene	100-41-4	25		0.8	1
02300	Toluene	108-88-3	1	J	0.7	1
02300	Xylene (Total)	1330-20-7	20		0.8	1
SW-846 8270C	GC/MS Semivolatiles		ug/l		ug/l	
07805	Acenaphthene	83-32-9	34		1	1
07805	Acenaphthylene	208-96-8	38		1	1
07805	Anthracene	120-12-7	8		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	4	J	1	1
07805	Fluorene	86-73-7	24		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	96		1	1
07805	Phenanthrene	85-01-8	31		1	1
07805	Pyrene	129-00-0	5		1	1
	The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene					
SW-846 9012A	Wet Chemistry		mg/l		mg/l	
08255	Total Cyanide (water)	57-12-5	0.018		0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 08:57	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 08:57	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 01:35	Linda M Hartenstine	1

COH10 0849

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. WW 5697871

Group No. 1148890
NY

MW-18R2 Grab Water Sample
COC# 198298
Cohoes, NY Site

Collected: 06/11/2009 11:45 by CJM

Account Number: 09286

Submitted: 06/12/2009 09:05
Reported: 06/25/2009 at 12:03
Discard: 07/10/2009

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Albany NY 12210

CO8R2 SDG#: COH10-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	230	0.5	1
02300	Ethylbenzene	100-41-4	4 J	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	2 J	0.8	1
SW-846 8270C	**GC/MS Semivolatiles**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	0.9	1
07805	Acenaphthylene	208-96-8	N.D.	0.9	1
07805	Anthracene	120-12-7	N.D.	0.9	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.9	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.9	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	1
07805	Chrysene	218-01-9	N.D.	0.9	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	1
07805	Fluoranthene	206-44-0	N.D.	0.9	1
07805	Fluorene	86-73-7	N.D.	0.9	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	1
07805	Naphthalene	91-20-3	N.D.	0.9	1
07805	Phenanthrene	85-01-8	N.D.	0.9	1
07805	Pyrene	129-00-0	N.D.	0.9	1
SW-846 9012A	**Wet Chemistry**		**mg/l**	**mg/l**	
08255	Total Cyanide (water)	57-12-5	0.0077 J	0.0050	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX in Water by 8260	SW-846 8260B	1	N091651AA	06/15/2009 09:44	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N091651AA	06/15/2009 09:44	Emily R Styer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09164WAB026	06/25/2009 01:59	Linda M Hartenstine	1
07807	BNA Water Extraction	SW-846 3510C	1	09164WAB026	06/14/2009 15:00	Elaine F Stoltzfus	1
08255	Total Cyanide (water)	SW-846 9012A	1	09171117101B	06/22/2009 10:54	Nicole M Kepley	1
08256	Cyanide Water Distillation	SW-846 9012A	1	09171117101B	06/20/2009 09:30	Nancy J Shoop	1

COH10 0051

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Lancaster Laboratories

21

ancaster Laboratories Sample No. WW 5697872

Group No. 1148890
NY

'B061109 Water Sample
:OC# 198298
:ohoes, NY Site

:ollected: 06/11/2009

Account Number: 09286

;ubmitted: 06/12/2009 09:05
:eported: 06/25/2009 at 12:03
)iscard: 07/10/2009

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Albany NY 12210

:OT11 SDG#: COH10-21TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

State of New York Certification No. 10670

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#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
)2300	BTEX in Water by 8260	SW-846 8260B	1	N091691AA	06/18/2009 15:44	Chelsea B Eastep	1
)1163	GC/MS VOA Water Prep	SW-846 5030B	1	N091691AA	06/18/2009 15:44	Chelsea B Eastep	1

COH10 8852

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