ARCADIS
Infrastructure, environment, facilities

ARCADIS of New York, Inc.
465 New Karner Road
Albany
New York 12205
Tel 518 452 7826
Fax 518 452 4398
www.arcadis-us.com

Peter S. Ouderkirk, P.E.
New York State Department of Environmental Conservation
317 Washington Street
Watertown, New York 13601-3787

Subject:
Annual Status Report for West Lot Site, Utica, New York
(Site No. 6-33-036)

ENVIRONMENT

Dear Mr. Ouderkirk:

Date:
27 June 2007

Contact:
Jeffrey Bonsteel

Phone:
518.452.7826 x.19

Email:
jeffrey.bonsteel@arcadis-us.com

Our reference:
AY000265.00015

On behalf of Lockheed Martin Corporation, ARCADIS is submitting this status report as required by *Section IV Progress Reports* of the Order on Consent for the development and implementation of a remedial program at the West Lot Site (the Site) in Utica, New York. The reporting requirement for the Site was reduced from monthly to annual, as noted in the April 2005 status report dated 12 May 2005. Henceforth, the annual reports were to be prepared after the first quarter of each year.

This status report covers the period for September 2006 through March 2007. However, the results of supplemental groundwater sampling conducted in April 2007 (see below) are included in this report.

The previous status report covered the period from April 2006 through August 2006 and transmitted the results of groundwater sampling completed in June 2006. ARCADIS submitted the June 2006 groundwater sampling results to NYSDEC in advance of the annual status report to assist in the evaluation of site conditions and the appropriateness of shutting down pumping well PW-1.

Presented below is a summary of activities completed during the reporting period (including analytical results), system operation, problems encountered/modifications, and anticipated work for the next reporting period.

Activity Summary

- Operation of the Groundwater Extraction & Treatment System from September 2006 into January 2007.
- Treatment system maintenance, as required.
- Shutdown of PW-1 on 4 January 2007.
- Groundwater sampling of select wells in April 2007.

Analytical Results for Operation of PW-1

Pumping well PW-1 was operated from September 2006 into January 2007. In January 2007, ARCADIS received approval from NYSDEC to shutdown PW-1 (letter dated 3 January 2007). During operation, monthly influent samples were collected from PW-1. An O&M checklist and flow readings were recorded during monthly visits, and a sample from PW-1 and system effluent sample were collected. The laboratory results from PW-1 for the reporting period are provided in Appendix A. The PW-1 historical influent concentrations of trichloroethylene (TCE), dichloroethylene (DCE), vinyl chloride, toluene, ethylbenzene, and total xylene are shown on Figure 1.

System Operations

As of 4 January 2007, the recorded total cumulative flow from PW-1 was 19,011,700 gallons. The total flow for September 2006 through shutdown on 4 January 2007 was 510,776 gallons. Based on the recorded total flow, the average daily flow for the reporting period was 3.1 gallons per minute (gpm).

Problems Encountered / Modifications

As provided above, ARCADIS received approval from the NYSDEC in January 2007 to shutdown PW-1. Based on the shutdown, ARCADIS plans to implement the following modifications to the status reporting and groundwater monitoring program (consistent with the discussions during a conference call on 20 June 2007 between NYSDEC and ARCADIS).

1. Pumping well PW-1 will be / has been added to the current groundwater monitoring well network that consists of wells MW-1 (DOT), MW-D, MW-E, and MW-F. Note that PW-1 was sampled during groundwater sampling conducted in April 2007.

2. Progress reporting will be completed every 15 months. The next progress report will cover the period from May 2007 through July 2008.

Consistent with the previous status reports (and as initially presented in the April 2005 status report dated 12 May 2005), groundwater monitoring was scheduled to be conducted on a 15-month schedule (five quarter [5Q] schedule). As such, a groundwater monitoring event was scheduled for September 2007. However, ARCADIS opted to collect a round of groundwater samples in April 2007 to evaluate change, if any, from the shut down of PW-1. Samples were collected from wells MW-1 (DOT), MW-D, MW-F and PW-1. Well MW-E was not sampled because of localized flooding in the area of the well.

Considering the April 2007 sampling event, the next groundwater monitoring event is scheduled for July 2008 which will bring the program back into a 5Q monitoring cycle. The monitoring well network and analytical parameters that are part of the current groundwater monitoring program will be retained. Monitoring well MW-G, which was abandoned in May 2005 during supplemental remedial activities for the former burn pit, is not part of the current well network. Well PW-1 will continue to be included in the monitoring well network. A status report will be prepared that will report on the activities for the period of May 2007 through July 2008.

Analytical Results for Groundwater Sampling

VOC concentrations at each monitoring well are typically within the range of concentrations historically observed at each location (Table 1). Decreases of total VOCs were observed at monitoring wells MW-F and MW-1(DOT), while a slight increase in total VOCs was observed at monitoring well MW-D. At monitoring well MW-1(DOT), the only constituent detected was cis-1,2-dichloroethene which has shown a steady decrease since December 2003. Additionally, at monitoring well MW-F, concentrations of cis-1,2-dichloroethene, trichloroethene, and 1,1,1-trichloroethane each were reduced by greater than 50% between the June 2006 and April 2007. The analytical results at these two downgradient wells indicate the continued reduction of constituents of concern and overall reduction of the contaminant plume migration.

The analytical results from the first post-shutdown sampling of well PW-1 are presented in Table 1. Only TCE (0.64 ug/L) and cis-1,2-dichloroethene (3.2 ug/L) were detected. These concentrations were less than NYSDEC groundwater standards.

The laboratory results from the groundwater sampling event for the reporting period are provided in Appendix B.

Anticipated Work for May 2007 through July 2008

Based on the results of the April 2007 groundwater sampling event, PW-1 will remain in shut-down mode. Based on the results of the planned July 2008 groundwater sampling event, ARCADIS will make a determination (in consultation with NYSDEC) on the appropriateness of continuing to leave PW-1 in shut-down mode. Should a significant increase (concentrations greater than those observed during the previous 3 years of monitoring) in constituent concentrations be observed in downgradient monitoring wells, an evaluation will be completed to determine the benefit of (i) reactivating the groundwater pumping well, (ii) considering an alternative approach for groundwater

remediation, or (iii) continued monitoring. ARCADIS will discuss the results of the evaluation with NYSDEC and propose further action based on the evaluation results.

When it is determined that operation, maintenance, and monitoring (OM&M) are no longer necessary, LMC will submit a closure request and/or a petition to delist for the Site.

If there are any questions or comments regarding this status report, please do not hesitate to contact me.

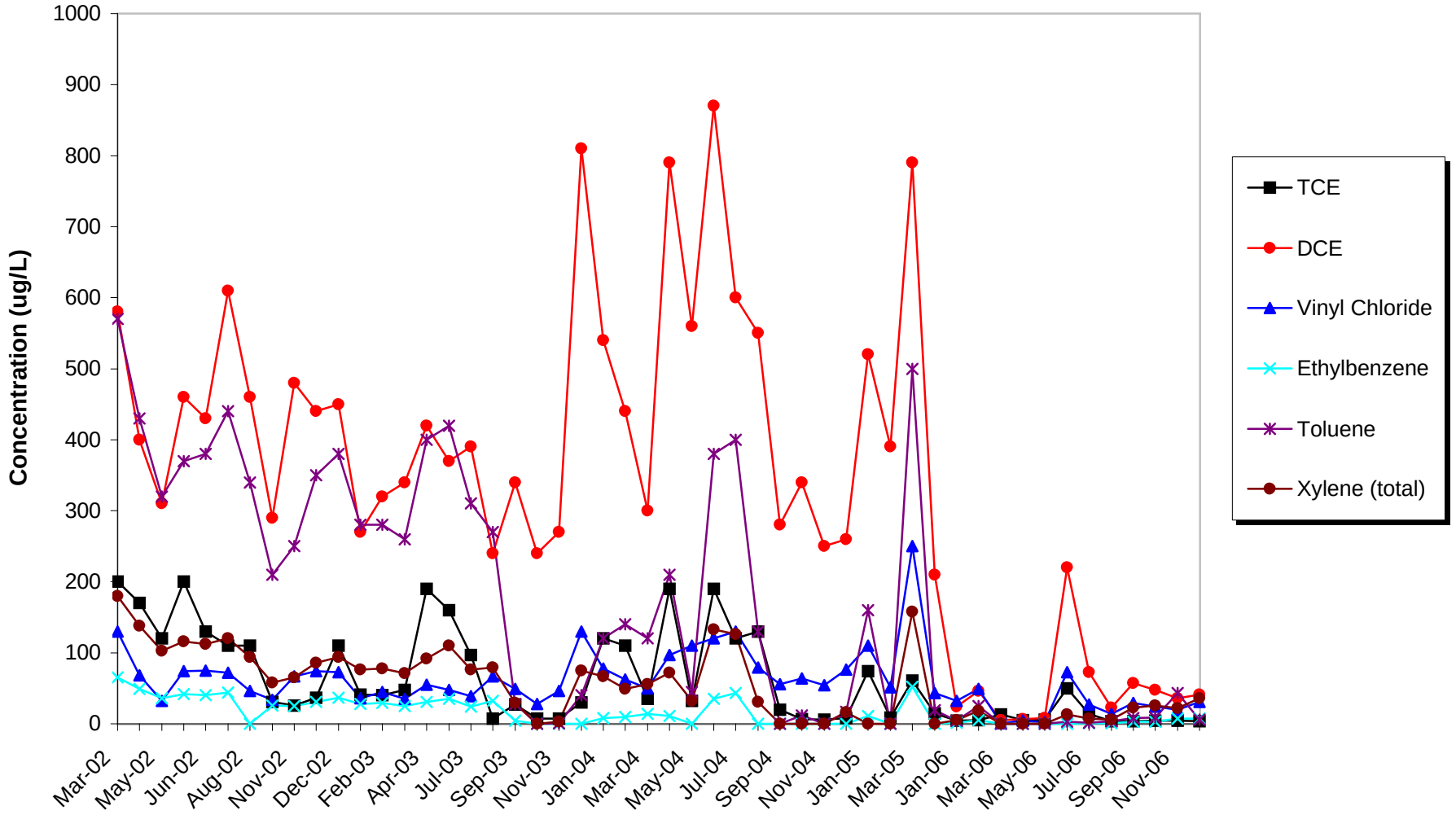
Sincerely,

ARCADIS of New York, Inc.

Jeffrey J. Bonsteel
Project Scientist

Copies:
Greg Rys - NYSDOH, Herkimer
Tom Blackman - Lockheed Martin
Chris Motta - ARCADIS
File

Figure 1. Volatile Organic Compounds in the System Influent Water Samples, Lockheed Martin Corporation, West Lot Site, Utica, New York.



G:\APROJECT\LOCKHEED\Utica\Corres\MPRs\2007\2006PW1_MASSBAL_DATA.xls

Table 1. Summary of VOCs in Groundwater Samples Collected 2003-2007, Lockheed Martin Corporation, West Lot Site, Utica, NY.

Analyte	*Units*	*NYSDEC Standard*	*MW-1(DOT)*								
			4/30/03	**7/2/03**	**9/30/03**	**12/29/03**	**3/16/04**	**6/23/04**	**1/4/05**	**6/12/06**	**4/4/07**
Vinyl Chloride	ug/L	2	ND	ND	ND	ND	ND	0.26	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	ND	ND	0.38	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	5	**16**	**18**	**19**	**22**	**20**	**15**	**16**	**12**	**10**
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetracholoroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	5	0.53	0.65	0.45	0.6	0.48	1.0	0.73	0.53	ND
1,1-Dichloroethane	ug/L	5	0.52	1	0.41	0.62	0.48	0.74	0.65	0.51	ND
Benzene	ug/L	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - non-detect

NS - Not Sampled

Analyzed by USEPA Method 8260

Table 1. Summary of VOCs in Groundwater Samples Collected 2003-2007, Lockheed Martin Corporation, West Lot Site, Utica, NY.

Analyte	*Units*	*NYSDEC Standard*	*MW-D*								
			4/29/03	**7/2/03**	**10/1/03**	**12/29/03**	**3/16/04**	**6/22/04**	**1/4/05**	**6/12/06**	**4/4/07**
Vinyl Chloride	ug/L	2	**4.6**	**7.8**	**21**	**4.6**	**5.5**	**5.3**	ND	**6.1**	**2.9**
trans-1,2-Dichloroethene	ug/L	5	0.56	1	1.2	0.44	0.51	0.80	ND	0.72	ND
cis-1,2-Dichloroethene	ug/L	5	**5.1**	**6.9**	**11**	**5.4**	**6.6**	**6.1**	2.0	ND	**6.9**
Trichloroethene	ug/L	5	4.9	**7.2**	**14**	**5.8**	**8.8**	**8.8**	0.27	2.0	1.3
Chloroethane	ug/L	5	ND	0.29	0.31	ND	ND	0.33	ND	ND	ND
Tetracholoroethene	ug/L	5	2	2.6	0.33 J	1.1	1.6	0.96	ND	ND	ND
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	0.34	ND	ND	ND
Benzene	ug/L	1	**2**	**2.2**	**3.1**	**1.2**	**1.4**	**1.6**	ND	0.84	0.63
Chlorobenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	5	0.35	0.31	0.44	ND	ND	ND	0.31	ND	ND
m/p-Xylene	ug/L	5	ND	ND	ND	ND	0.31 J	ND	ND	ND	ND
o-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - non-detect

NS - Not Sampled

Analyzed by USEPA Method 8260

Table 1. Summary of VOCs in Groundwater Samples Collected 2003-2007, Lockheed Martin Corporation, West Lot Site, Utica, NY.

Analyte	*Units*	*NYSDEC Standard*	*MW-E*								
			4/29/03	**7/2/03**	**10/1/03**	**12/29/03**	**3/16/04**	**6/23/04**	**12/29/04**	**6/12/06**	**4/4/07**
Vinyl Chloride	ug/L	2	1.2	1.4	1.3 J	1.2	1.7	1.6	0.45 J	ND	NS
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	ND	ND	0.63	ND	ND	NS
cis-1,2-Dichloroethene	ug/L	5	**6.5**	**6.2**	**8.8**	4.7	**6.3**	**6.0**	**4.9**	3.1	NS
Trichloroethene	ug/L	5	**18**	**25**	**38.0**	**8.7**	**14**	**22**	**21**	**14**	NS
Chloroethane	ug/L	5	ND	0.21	ND	0.33	0.34	0.56	ND	ND	NS
Tetracholoroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,1,1-Trichloroethane	ug/L	5	**10**	**12**	**11**	4.1	**6.7**	**11**	**7.2**	**5.3**	NS
1,1-Dichloroethane	ug/L	5	2.3	2.2	2.2	2.0	2.5	2.7	1.4	1.2	NS
Benzene	ug/L	1	ND	ND	ND	ND	ND	ND	ND	ND	NS
Chlorobenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	NS
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	NS
Toluene	ug/L	5	ND	ND	ND	ND	ND	ND	0.22	ND	NS
m/p-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	NS
o-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	NS

ND - non-detect

NS - Not Sampled

Analyzed by USEPA Method 8260

Table 1. Summary of VOCs in Groundwater Samples Collected 2003-2007, Lockheed Martin Corporation, West Lot Site, Utica, NY.

Analyte	*Units*	*NYSDEC Standard*	*MW-F*								*PW-1*
			4/30/03	**7/2/03**	**9/30/03**	**12/29/03**	**3/16/04**	**6/22/04**	**6/12/06**	**4/4/07**	**4/4/07**
Vinyl Chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	ND	ND	0.62	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	5	3.6	4.2	4.5	2.3	2.9	3.9	3.1	1.3	3.2
Trichloroethene	ug/L	5	**34**	**40**	**51**	**20**	**29**	**37**	**37**	**13**	0.64
Chloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetracholoroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	5	1.6	2	2.3	0.98	1.3	2.4	1.5	0.68	ND
1,1-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	0.68	ND	ND	ND
Benzene	ug/L	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - non-detect

NS - Not Sampled

Analyzed by USEPA Method 8260

ARCADIS

Appendix A

Laboratory Analytical Data Sheets – System Sampling

Arcadis, Geraghty & Miller
LMC - Solvent Dock Monthly- Utica, NY

Sample ID: PW-1 INFLUENT
Lab Sample ID: A6A53904
Date Collected: 09/13/2006
Time Collected: 13:15

Date Received: 09/14/2006
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
1,2-Dichlorobenzene	1.8		0.50	UG/L	8260	09/24/2006 18:52	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
Benzene	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
Chlorobenzene	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
Chloroethane	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
cis-1,2-Dichloroethene	57		0.40	UG/L	8260	09/24/2006 18:52	RJ
Ethylbenzene	2.9		0.40	UG/L	8260	09/24/2006 18:52	RJ
m/p-Xylenes	12		1.0	UG/L	8260	09/24/2006 18:52	RJ
o-Xylene	11		0.40	UG/L	8260	09/24/2006 18:52	RJ
Tetrachloroethene	1.1		0.40	UG/L	8260	09/24/2006 18:52	RJ
Toluene	8.3		0.40	UG/L	8260	09/24/2006 18:52	RJ
Total Xylenes	23		1.0	UG/L	8260	09/24/2006 18:52	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	09/24/2006 18:52	RJ
Trichloroethene	3.5		0.40	UG/L	8260	09/24/2006 18:52	RJ
Vinyl chloride	29		1.0	UG/L	8260	09/24/2006 18:52	RJ

Arcadis, Geraghty & Miller
LMC - Solvent Dock Monthly- Utica, NY

Sample ID: PW-1 INFLUENT
Lab Sample ID: A6B75604
Date Collected: 10/09/2006
Time Collected: 08:41

Date Received: 10/10/2006
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
1,2-Dichlorobenzene	2.2		0.50	UG/L	8260	10/21/2006 02:12	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
Benzene	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
Chlorobenzene	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
Chloroethane	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
cis-1,2-Dichloroethene	48		0.40	UG/L	8260	10/21/2006 02:12	RJ
Ethylbenzene	2.9		0.40	UG/L	8260	10/21/2006 02:12	RJ
m/p-Xylenes	15		1.0	UG/L	8260	10/21/2006 02:12	RJ
o-Xylene	11		0.40	UG/L	8260	10/21/2006 02:12	RJ
Tetrachloroethene	0.92		0.40	UG/L	8260	10/21/2006 02:12	RJ
Toluene	8.8		0.40	UG/L	8260	10/21/2006 02:12	RJ
Total Xylenes	26		1.0	UG/L	8260	10/21/2006 02:12	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	10/21/2006 02:12	RJ
Trichloroethene	4.2		0.40	UG/L	8260	10/21/2006 02:12	RJ
Vinyl chloride	24		1.0	UG/L	8260	10/21/2006 02:12	RJ

Arcadis, Geraghty & Miller
LMC - Solvent Dock Monthly- Utica, NY

Sample ID: PW-1 INFLUENT
Lab Sample ID: A6D38703
Date Collected: 11/09/2006
Time Collected: 11:30

Date Received: 11/10/2006
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
1,2-Dichlorobenzene	1.8		0.50	UG/L	8260	11/19/2006 19:57	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
Benzene	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
Chlorobenzene	1.0		0.40	UG/L	8260	11/19/2006 19:57	RJ
Chloroethane	ND		0.40	UG/L	8260	11/19/2006 19:57	RJ
cis-1,2-Dichloroethene	36		0.40	UG/L	8260	11/19/2006 19:57	RJ
Ethylbenzene	7.5		0.40	UG/L	8260	11/19/2006 19:57	RJ
m/p-Xylenes	13		1.0	UG/L	8260	11/19/2006 19:57	RJ
o-Xylene	9.8		0.40	UG/L	8260	11/19/2006 19:57	RJ
Tetrachloroethene	0.79		0.40	UG/L	8260	11/19/2006 19:57	RJ
Toluene	43		0.40	UG/L	8260	11/19/2006 19:57	RJ
Total Xylenes	22		1.0	UG/L	8260	11/19/2006 19:57	RJ
trans-1,2-Dichloroethene	0.54		0.40	UG/L	8260	11/19/2006 19:57	RJ
Trichloroethene	4.2		0.40	UG/L	8260	11/19/2006 19:57	RJ
Vinyl chloride	20		1.0	UG/L	8260	11/19/2006 19:57	RJ

Arcadis, Geraghty & Miller
LMC - Solvent Dock Monthly- Utica, NY

Sample ID: PW-1 INFLUENT
Lab Sample ID: A6F15703
Date Collected: 12/15/2006
Time Collected: 15:23

Date Received: 12/16/2006
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
1,1-Dichloroethane	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
1,2-Dichlorobenzene	2.2		0.50	UG/L	8260	12/21/2006 17:33	TRB
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
Benzene	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
Chlorobenzene	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
Chloroethane	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
cis-1,2-Dichloroethene	41		0.40	UG/L	8260	12/21/2006 17:33	TRB
Ethylbenzene	7.6		0.40	UG/L	8260	12/21/2006 17:33	TRB
m/p-Xylenes	24		1.0	UG/L	8260	12/21/2006 17:33	TRB
o-Xylene	12		0.40	UG/L	8260	12/21/2006 17:33	TRB
Tetrachloroethene	0.87		0.40	UG/L	8260	12/21/2006 17:33	TRB
Toluene	5.9		0.40	UG/L	8260	12/21/2006 17:33	TRB
Total Xylenes	36		1.0	UG/L	8260	12/21/2006 17:33	TRB
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	12/21/2006 17:33	TRB
Trichloroethene	3.7		0.40	UG/L	8260	12/21/2006 17:33	TRB
Vinyl chloride	31		1.0	UG/L	8260	12/21/2006 17:33	TRB

ARCADIS

Appendix B

Laboratory Analytical Data Sheets – Annual Groundwater Sampling

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A07-3386

STL Project#: NY9A8463
Site Name: ARCADIS
Task: Lockheed Martin Corp - Quarterly

Jeff Bonsteel
465 New Karner Road
Albany, NY 12205

STL Buffalo

Candace L. Fox
Project Manager

04/18/2007

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7338605	DUP-2	WATER	04/04/2007	14:00	04/05/2007	09:15
A7338603	MW-1 DOT	WATER	04/04/2007	15:20	04/05/2007	09:15
A7338602	MW-D	WATER	04/04/2007	11:42	04/05/2007	09:15
A7338601	MW-F	WATER	04/04/2007	10:18	04/05/2007	09:15
A7338604	PW-1	WATER	04/04/2007	14:00	04/05/2007	09:15
A7338606	TRIP BLANK	WATER	04/04/2007		04/05/2007	09:15

METHODS SUMMARY

Job#: A07-3386

STL Project#: NY9A8463
Site Name: ARCADIS

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - SELECT VOLATILE ORGANICS	SW8463 8260

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A07-3386

STL Project#: NY9A8463
Site Name: ARCADIS

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-3386
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 04/18/2007 Requested Detection Limits < STL's PQL Page: 1
Time: 10:17:42 Rept: AN1520

The requested project specific reporting limits listed below were less than STL's standard quantitation limits. It must be noted that results reported below STL's standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client DL	STL PQL
Organics				
8260	1,1,1-Trichloroethane	UG/L	0.40	1.0
8260	1,1-Dichloroethane	UG/L	0.40	1.0
8260	1,2-Dichlorobenzene	UG/L	0.50	1.0
8260	1,3-Dichlorobenzene	UG/L	0.40	1.0
8260	1,4-Dichlorobenzene	UG/L	0.40	1.0
8260	Benzene	UG/L	0.40	1.0
8260	Chlorobenzene	UG/L	0.40	1.0
8260	Chloroethane	UG/L	0.40	1.0
8260	cis-1,2-Dichloroethene	UG/L	0.40	1.0
8260	Ethylbenzene	UG/L	0.40	1.0
8260	m/p-Xylenes	UG/L	1.0	2.0
8260	o-Xylene	UG/L	0.40	1.0
8260	Tetrachloroethene	UG/L	0.40	1.0
8260	Toluene	UG/L	0.60	1.0
8260	Total Xylenes	UG/L	1.0	3.0
8260	trans-1,2-Dichloroethene	UG/L	0.40	1.0
8260	Trichloroethene	UG/L	0.40	1.0

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: DUP-2
Lab Sample ID: A7338605
Date Collected: 04/04/2007
Time Collected: 14:00

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 23:38	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Benzene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
cis-1,2-Dichloroethene	3.3		0.40	UG/L	8260	04/15/2007 23:38	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 23:38	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 23:38	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 23:38	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 23:38	RJ
Trichloroethene	0.68		0.40	UG/L	8260	04/15/2007 23:38	RJ
Vinyl chloride	ND		1.0	UG/L	8260	04/15/2007 23:38	RJ

Sample ID: MW-1 DOT
Lab Sample ID: A7338603
Date Collected: 04/04/2007
Time Collected: 15:20

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 22:49	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Benzene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
cis-1,2-Dichloroethene	10		0.40	UG/L	8260	04/15/2007 22:49	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:49	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 22:49	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:49	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Trichloroethene	ND		0.40	UG/L	8260	04/15/2007 22:49	RJ
Vinyl chloride	ND		1.0	UG/L	8260	04/15/2007 22:49	RJ

Sample ID: MW-D
Lab Sample ID: A7338602
Date Collected: 04/04/2007
Time Collected: 11:42

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 22:25	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
Benzene	0.63		0.40	UG/L	8260	04/15/2007 22:25	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
cis-1,2-Dichloroethene	6.9		0.40	UG/L	8260	04/15/2007 22:25	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:25	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 22:25	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:25	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 22:25	RJ
Trichloroethene	1.3		0.40	UG/L	8260	04/15/2007 22:25	RJ
Vinyl chloride	2.9		1.0	UG/L	8260	04/15/2007 22:25	RJ

Sample ID: MW-F
Lab Sample ID: A7338601
Date Collected: 04/04/2007
Time Collected: 10:18

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	0.68		0.40	UG/L	8260	04/15/2007 22:01	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 22:01	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Benzene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
cis-1,2-Dichloroethene	1.3		0.40	UG/L	8260	04/15/2007 22:01	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:01	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 22:01	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 22:01	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 22:01	RJ
Trichloroethene	13		0.40	UG/L	8260	04/15/2007 22:01	RJ
Vinyl chloride	ND		1.0	UG/L	8260	04/15/2007 22:01	RJ

Arcadis, Geraghty & Miller
Lockheed Martin Corp - Quarterly

Sample ID: PW-1
Lab Sample ID: A7338604
Date Collected: 04/04/2007
Time Collected: 14:00

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 23:13	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Benzene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
cis-1,2-Dichloroethene	3.2		0.40	UG/L	8260	04/15/2007 23:13	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 23:13	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 23:13	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 23:13	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 23:13	RJ
Trichloroethene	0.64		0.40	UG/L	8260	04/15/2007 23:13	RJ
Vinyl chloride	ND		1.0	UG/L	8260	04/15/2007 23:13	RJ

Sample ID: TRIP BLANK
Lab Sample ID: A7338606
Date Collected: 04/04/2007
Time Collected: :

Date Received: 04/05/2007
Project No: NY9A8463
Client No: L11187
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - SELECT VOLATILES - 5 ML							
1,1,1-Trichloroethane	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
1,1-Dichloroethane	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
1,2-Dichlorobenzene	ND		0.50	UG/L	8260	04/15/2007 21:36	RJ
1,3-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
1,4-Dichlorobenzene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Benzene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Chlorobenzene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Chloroethane	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
cis-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Ethylbenzene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
m/p-Xylenes	ND		1.0	UG/L	8260	04/15/2007 21:36	RJ
o-Xylene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Tetrachloroethene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Toluene	ND		0.60	UG/L	8260	04/15/2007 21:36	RJ
Total Xylenes	ND		1.0	UG/L	8260	04/15/2007 21:36	RJ
trans-1,2-Dichloroethene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Trichloroethene	ND		0.40	UG/L	8260	04/15/2007 21:36	RJ
Vinyl chloride	ND		1.0	UG/L	8260	04/15/2007 21:36	RJ

Chronology and QC Summary Package

Client ID		vblk71							
Job No	Lab ID	A07-3386	A7B0543902						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.40	NA		NA		NA	
Chlorobenzene	UG/L	ND	0.40	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	0.50	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	0.40	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	0.40	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.40	NA		NA		NA	
Total Xylenes	UG/L	ND	1.0	NA		NA		NA	
o-Xylene	UG/L	ND	0.40	NA		NA		NA	
m/p-Xylenes	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	0.40	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	0.40	NA		NA		NA	
Trichloroethene	UG/L	ND	0.40	NA		NA		NA	
Chloroethane	UG/L	ND	0.40	NA		NA		NA	
Tetrachloroethene	UG/L	ND	0.40	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	0.40	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	0.40	NA		NA		NA	
Toluene	UG/L	ND	0.60	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	97	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	98	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	93	50-200	NA		NA		NA	
Toluene-D8	%	92	71-126	NA		NA		NA	
p-Bromofluorobenzene	%	94	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	90	66-137	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: vblk71 msb71
Lab Sample ID: A7B0543902 A7B0543901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - SELECT VOLATILE ORGANICS					
Benzene	UG/L	24.2	25.0	97	79-121
Chlorobenzene	UG/L	24.6	25.0	99	79-118
Chloroethane	UG/L	18.7	25.0	75	58-147
1,2-Dichlorobenzene	UG/L	24.0	25.0	96	79-114
1,3-Dichlorobenzene	UG/L	24.3	25.0	97	77-114
1,4-Dichlorobenzene	UG/L	24.1	25.0	96	77-114
1,1-Dichloroethane	UG/L	23.7	25.0	95	78-120
cis-1,2-Dichloroethene	UG/L	24.3	25.0	98	78-117
trans-1,2-Dichloroethene	UG/L	25.5	25.0	102	79-122
Ethylbenzene	UG/L	24.4	25.0	98	81-117
Tetrachloroethene	UG/L	25.4	25.0	102	77-120
Toluene	UG/L	23.5	25.0	94	77-119
1,1,1-Trichloroethane	UG/L	24.9	25.0	100	78-124
Trichloroethene	UG/L	24.6	25.0	99	80-121
Vinyl chloride	UG/L	21.2	25.0	85	68-127
Total Xylenes	UG/L	73.9	75.0	98	80-117
o-Xylene	UG/L	24.5	25.0	98	81-118
m/p-Xylenes	UG/L	49.3	50.0	99	80-118

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - SELECT VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	DUP-2 A07-3386 A7338605	MW-1 DOT A07-3386 A7338603	MW-D A07-3386 A7338602	MW-F A07-3386 A7338601	PW-1 A07-3386 A7338604
Sample Date	04/04/2007 14:00	04/04/2007 15:20	04/04/2007 11:42	04/04/2007 10:18	04/04/2007 14:00
Received Date	04/05/2007 09:15	04/05/2007 09:15	04/05/2007 09:15	04/05/2007 09:15	04/05/2007 09:15
Extraction Date					
Analysis Date	04/15/2007 23:38	04/15/2007 22:49	04/15/2007 22:25	04/15/2007 22:01	04/15/2007 23:13
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WATER	WATER	WATER	WATER	WATER
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	0.005 LITERS	0.005 LITERS	0.005 LITERS	0.005 LITERS	0.005 LITERS
% Dry					

NA = Not Applicable

METHOD 8260 - SELECT VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	TRIP BLANK A07-3386 A7338606				
Sample Date	04/04/2007				
Received Date	04/05/2007 09:15				
Extraction Date					
Analysis Date	04/15/2007 21:36				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

METHOD 8260 - SELECT VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	vblk71 A07-3386 A7B0543902				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	04/15/2007 18:59				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

ARCADIS

Laboratory Task Order No./P.O. No. ____

CHAIN-OF-CUSTODY RECORD

Project Number/Name: LML-West Lot / AY26515
Project Location: Utica, NY
Laboratory: STL Buffalo
Project Manager: Marc Sanford
Sampler(s)/Affiliation: KW / SC

Sample ID/Location	Matrix	Date/~~Time~~ Sampled	Time ~~Lab ID~~	SEL VOCs	HCRL Val Pres HCL					Remarks	Total
MW-F	L	4/4/07	1018	2						Questions?	2
MW-D	↓	↓	1142	2						Call Jeff Borsted	2
MW-1DCT	↓	↓	1520	2						518/452/7826	2
PW-1	↓	↓	1400	2						x19	2
DUP-2	↓	↓	—	2							2
Trip Blank	↓	—	—	1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 11

Relinquished by: [signature]	Organization: ARCADIS	Date 4/4/07	Time 1700	Seal Intact?
Received by: [signature]	Organization: STL	Date 4/5/07	Time 09:15	(Yes) No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks:

2.0°

Delivery Method: ☐ In Person ☑ Common Carrier FedEx (SPECIFY) ☐ Lab Courier ☐ Other ____ (SPECIFY)

AG 05-12/01