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Lockheed Martin Technology Services
Environmental Services REAC
2890 Woodbridge Avenue Building 209 Annex
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

DATE: March 30, 2006

TO: Don Bussey, U. S. EPA/ERT Work Assignment Manager

FROM: Ken Woodruff, REAC Task Leader KW

SUBJECT: Summary Report - Groundwater Sampling Results, Cayuga County Westbay Sampling Site, Cayuga County, New York, W A # 0-024.2

PURPOSE

The purpose of this Work Assignment (WA) was to (1) validate the analytical data for the May 2005 groundwater sampling event at the Cayuga County Westbay Sampling Site (Site) and, (2) complete a tabular summary of the analytical results from all sampling events that were conducted under WA # 0-024. Although individual analytical reports were available for each sampling event, validated results for all sampling events had never been integrated into a single report. The work was completed by personnel of the Response Engineering and Analytical Contract (REAC) under Amendment 2 of this WA at the request of the Environmental Protection Agency/Environmental Response Team (EPA/ERT).

BACKGROUND

The Site consists of approximately 2.5 square miles of mostly rural land located southwest of Auburn, New York (NY). Initial investigations under the direction of the New York State Department of Environmental Conservation (NYSDEC) indicated that a plume of groundwater, contaminated with volatile organic compounds (VOCs), mainly trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) extended from west of Auburn to the Village of Union Springs, approximately eight miles to the southwest. In 2003, under WA # RIA00212 of a previous contract, REAC personnel installed 11groundwater monitor wells in bedrock at various locations within the site at depths ranging from 187 feet to 250 feet below ground surface (bgs). Packer tests were completed in each well to determine the major water-bearing zones and the wells were completed as open bore-holes with single pneumatic packers that separated lower from upper water-bearing zones. Three abandoned domestic wells were also included in this monitor well network. The monitor well installation program and the results of the subsequent groundwater sampling were provided in a December 2003 Lockheed Martin/REAC Final Report.

Under an interagency agreement, the Water Resources Division of the U. S. Geological Survey (USGS) defined the geological and hydrologic framework of the Site using borehole geophysical logs. Their results are reported in USGS Open-File Report 03-468 (Anderson and Others, 2004). One of the conclusions of the USGS study was that contaminant distribution within this framework could not be adequately verified given the construction of the existing monitor wells and the sampling results to date. To better understand groundwater flow paths and head distribution, Westbay Instruments™ (Westbay) multi-level sampling systems were installed in 10 of the ERT/REAC monitor wells and in two residential wells (CY204, CY205) in 2004 under subsequent WA # R1A00345. Five to seven individual zones were isolated by hydraulic packers in each well that allowed measurement of heads and the collection of groundwater samples in each zone. The installation of the Westbay systems is described in a May 28, 2004 REAC Trip Report. Westbay systems were not installed in Monitor Well EPA-11 because of hole conditions and in one of the three residential wells because of incompatible well construction.

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Under the present WA, quarterly sampling events were conducted in July 2004, October 2004, December 2004, and May 2005 by personnel from the EPA, USGS, and REAC. The December 2004 event included only those wells where contaminants had been previously detected. Samples from all of these events were sent to the REAC Laboratory in Edison, New Jersey (NJ) for analysis of VOCs. The results for the July 2004 (first quarterly) sampling event are discussed in a Lockheed Martin/REAC Trip Report dated September 13, 2004. A second Trip Report dated January 7, 2005 includes the results of the October 20004 (second quarterly) and December 2004 (third quarterly) sampling events. However, the analytical data for the December 2004 event had not yet been validated and only preliminary analytical data were included in the Trip Report. Likewise, the analytical data from the fourth quarterly May 2005 sampling event not been validated prior to the initiation of the present report and the results had not been integrated into a summary report.

In July 2005, EPA and USGS personnel sampled a limited number of wells followed in August 2005 by a sampling event that included all of the Westbay network monitor wells. Samples from these two events were sent to outside laboratories under the EPA Contract Laboratory Program (CLP). Laboratory analytical data from the July and August 2005 sampling events were subsequently available as individual spreadsheet files or as paper copies.

Copies of the Final Analytical Report for sampling events completed under this WA are provided in the appendices as follows:

Sampling Event	Appendix
July 2004	A
October 2004	B
December 2004	C
May 2005	D

The electronic data deliverables (EDDs) for the July 05 and August 05 sampling events (EPA CLP case numbers 34370 and 34515 respectively) are not amenable to hard copy production without extensive reformatting. However, the EDDs are electronically archived at REAC under the Cayuga County Westbay Sampling Site file.

METHODS

The analytical data from the May 2005 sampling event were validated by REAC staff and the results provided both as a hard copy Final Analytical Report (Lockheed Martin, 2006) and as a Scribe-compatible EDD. The EDD was then imported into the existing Scribe data base for the Site. Scribe files containing the results from previous sampling events completed under the present WA were also checked for omissions and updated where necessary. EDDs of the results for the July and August 2005 sampling events were forwarded to REAC by EPA and then reformatted for importation into Scribe. Following submission and review of this Summary Report, the complete Scribe data base will then be uploaded to the ERT Information Management System (IMS) website for this project.

RESULTS

Analytical results for all of the sampling events completed under WA # 0-024 are tabulated in Table 1. The various depth zones isolated by the Westbay systems in each well are listed from top to bottom in the order in which they are normally sampled in the field. Only concentrations for the target analytes which include vinyl chloride, trans -1,2-dichloroethene (trans-1,2-DCE), cis-1,2-dichloroethene (cis-1,2-DCE), and trichloroethene (TCE) are shown on Table 1. Many samples also contained small amounts of carbon disulfide, methylene chloride, and chloromethane which are not reported on Table 1. For information purposes, a minimum laboratory detection limit of 100 microgram/liter (µg/L) is indicated on Table 1 for the May 2005 samples from Monitor Well EPA-2. Results for some of these samples showed non-detect or "J" values. However, results from other sampling events, in which the laboratory detection limits were more sensitive, indicated that low concentrations of target analytes were usually present in EPA-2. The correlation of the sampled zones with the stratigraphy is provided in Table 2.

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All analytical results indicate that one or more target analytes are consistently detected in monitor wells EPA-1, EPA-2, CY204, and CY205. The highest concentrations usually occur in the "D" or deepest zones although significant concentrations also occur in the "I" or intermediate zones of Monitor Well CY205. Low concentrations of cis-1,2-DCE were also detected in Monitor Well EPA-9 during all but the July and August 2005 sampling events.

REFERENCES

Anderson, J. Alton and others. 2004. Geophysical, Stratigraphic, and Flow-Zone Logs of Selected Test, Monitor, and Water-Supply Wells in Cayuga County, New York. U. S. Geological Survey Open-File Report 03-468. In cooperation with U. S. Environmental Protection Agency.

Lockheed Martin. 2003. Final Report, Volatile Organic Compound Source Area Assessment, Cayuga County Groundwater Contamination Site, Cayuga County, New York. Work Assignment # 0-212.

Lockheed Martin. 2004. Installation of Westbay Groundwater Sampling Systems Multi-Level Installations, Cayuga County, New York, Work Assignment # R1A00345 - Trip Report. (May 28, 2004).

Lockheed Martin. 2004. Monitor Well Sampling, Westbay Multi-Level Installations, Cayuga County, New York, Work Assignment # EAC00024 - Trip Report. (September 13, 2004).

Lockheed Martin. 2005. Monitor Well Sampling, Westbay Multi-Level Installations, Cayuga County, New York, Work Assignment # EAC00024, Trip Report B, October and December 2004 Sampling Events. (January 7, 2005).

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Tables

R2-0024479

TABLE 1
SUMMARY OF GROUNDWATER ANALYTIAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-1 (D3)	Jul-04	*024-0076*	**94**	**1,700**	**23**	**1.1**
		024-0077-dup	**99**	**1,800**	**24**	**1.2**
	Oct-04	*10204*	**94**	**1,200**	**17**	ND
		10205-dup	**97**	**1,200**	**18**	ND
	Dec-04	*A19510*	**120**	**1,000**	ND	ND
		A19511-dup	**140**	**1,100**	ND	ND
	May-05	*024-0325*	**187**	**767**	**14.2 J (50)**	ND (50)
	July-05	*B25F3*	ND	**1.9**	ND	ND
		B25F4-dup	ND	**2.4**	ND	ND
	Aug-05	*B3650*	**150**	**1,200**	**23 J**	ND
		B3651-dup	**140**	**1,200**	**13 J**	ND
EPA-1 (D2)	Jul-04	*024-0078*	**1.9**	**10**	ND	ND
	Oct-04	*10208*	ND	**9.1**	ND	ND
		10209-dup	ND	**9.0**	ND	ND
	Dec-04	*A19512*	**1.1**	**8.2**	ND	ND
	May-05	*024-0327*	**1.46 J**	**9.98**	ND	ND
	July-05	*B25F2*	ND	ND	ND	ND
	Aug-05	*B3649*	**0.42 J**	ND	**0.67 J**	ND
EPA-1 (D1)	Jul-04	*024-0079*	ND	**3.6**	ND	ND
	Oct-04	*10206*	ND	**4.7**	ND	ND
	Dec-04	*A19513*	ND	**5.0**	ND	ND
	May-05	*024-0328*	ND	**6.76**	ND	ND
	July-05	*B25F1*	**0.04 J**	**17**	**0.5**	ND
	Aug-05	*B3648*	ND	**6.3**	**0.33 J**	ND
EPA-1 (I2)	Oct-04	*10229*	ND	**1.6**	ND	ND
	Dec-04	*A19514*	ND	**3.3**	ND	ND
	May-05	*024-0329*	ND	**1.45 J**	ND	ND
EPA-1 (I1)	May-05	*024-0330*	ND	ND	ND	ND
EPA-1 (S3)	Jul-04	*024-0080*	ND	ND	ND	ND
	Aug-05	*B3652*	ND	ND	ND	ND
EPA-1 (S2)	Jul-04	*024-0081*	ND	ND	ND	ND
	May-05	*024-0331*	ND	ND	ND	ND
EPA-2 (D3)	Jul-04	*024-0070*	ND	**140**	**2.4**	**8.7**
		024-0071-dup	ND	**190**	**2.3**	**8.8**
	Oct-04	*10291*	**2.6 J**	**420**	**7.1**	**17**
	Dec-04	*A19527*	ND	**340**	ND	**6.7**
	May-05	*024-0332*	ND (100)	**1,240**	ND (100)	**92.0 J (100)**
	July-05	*B25F8*	ND	**0.63**	ND	ND
	Aug-05	*B3661*	**4.6 J**	**400**	**11 J**	**16 J**
EPA-2 (D2)	Jul-04	*024-0072*	ND	**22**	ND	**1.4**
	Oct-04	*10292*	**4.8 J**	**210**	**3.8**	**5.4**
		10293-dup	**5.7**	**220**	**4.7**	**5.9**
	Dec-04	*A19528*	**3.4**	**320**	**3.5**	**5.1**
	May-05	*024-0333*	ND (100)	**1,170**	ND (100)	**88.6 J (100)**
		024-0334-dup	ND(100)	**1,280**	ND (100)	**95.3 J (100)**
	July-05	*B25F6*	ND	ND	ND	ND
		B25F7	ND	ND	ND	ND
	Aug-05	*B3660*	**2.2 J**	**160**	**3.2 J**	**3.2 J**

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-2 (D1)	Jul-04	*024-0073*	ND	**51**	ND	**2.6**
	Oct-04	*10281*	**1.1 J**	**250**	**3.2**	**6.1**
	Dec-04	*A15929*	ND	**280**	ND	**8.6**
	May-05	*024-0335*	ND (100)	**1,300**	ND (100)	**93.6 J (100)**
	July-05	*B25F5*	ND	**0.21 J**	ND	ND
	Aug-05	*B3659*	ND	**220 E**	**6.4**	**4.9 J**
EPA-2 (I2)	Jul-04	*024-0074*	**6.3**	**640**	**8.1**	**41**
	Oct-04	*10280*	ND	**190**	**3.4**	**32**
	Dec-04	*A19530*	ND	**530**	**5.1**	**24**
	May-05	*024-0336*	ND (100)	**282**	ND (100)	**26.4 J (100)**
	Aug-05	*B3662*	ND	**1,500**	**29 J**	**52 J**
EPA-2 (I1)	Dec-04	*A19531*	ND	**12**	ND	ND
	May-05	*024-0337*	ND	**2.05 J**	ND	ND
EPA-3 (D3)	Jul-04	*024-0002*	ND	ND	ND	ND
	Oct-04	*10199*	ND	ND	ND	ND
	May-05	*024-0281*	ND	ND	ND	ND
	Aug-05	*B3665*	ND	ND	ND	ND
EPA-3 (D2)	Jul-04	*024-0003*	ND	ND	ND	ND
	Oct-04	*10200*	ND	ND	ND	ND
	May-05	*024-0265*	ND	ND	ND	ND
	Aug-05	*B3664*	ND	ND	ND	ND
EPA-4 (D3)	Jul-04	*024-0061*	ND	ND	ND	ND
		024-0062-dup	ND	ND	ND	ND
	Oct-04	*024-0200*	ND	ND	ND	ND
	May-05	*024-0302*	ND	ND	ND	ND
	Aug-05	*B3668*	ND	ND	ND	ND
EPA-4 (D2)	Jul-04	*024-0063*	ND	ND	ND	ND
	Oct-04	*024-0201*	ND	ND	ND	ND
	May-05	*024-0303*	ND	ND	ND	ND
	Aug-05	*B3667*	ND	ND	ND	ND
EPA-4 (D1)	Jul-04	*024-0064*	ND	ND	ND	ND
	Oct-04	*024-0202*	ND	ND	ND	ND
	May-05	*024-0304*	ND	ND	ND	ND
	Aug-05	*B3666*	ND	ND	ND	ND
EPA-4 (I2)	Jul-04	*024-0065*	ND	ND	ND	ND
	Oct-04	*024-0203*	ND	ND	ND	ND
	May-05	*024-0305*	ND	ND	ND	ND
	Aug-05	*B3669*	ND	ND	ND	ND
EPA-4 (S1)	Jul-04	*024-0066*	ND	ND	ND	ND
	Oct-04	*024-0207*	ND	ND	ND	ND
	May-05	*024-0306*	ND	ND	ND	ND
	Aug-05	*B3670*	ND	ND	ND	ND

ND = non-detect (minimum detection limit in parenthesis for selected analyses)
J = detected below method detection limit (detection limit in parenthesis if shown)
trans-1,2-DCE = trans-1,2-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
TCE = trichloroethene
* sample not received in lab. *dup* = duplicate

Depth zones in each well are listed in order of sampling:
D = deep
I = intermediate
S = shallow

TABLE 1 (continued)
SUMMARY OF GROUNDWATER ANALYTIAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-5 (D3)	Jul-04	*024-0085*	ND	ND	ND	ND
		024-0086-dup	ND	ND	ND	ND
	Oct-04	*10219*	ND	ND	ND	ND
	Dec-04	*A19516*	ND	ND	ND	ND
		A19517-dup	ND	ND	ND	ND
	May-05	*024-0269*	ND	ND	ND	ND
		024-0274-dup	ND	ND	ND	ND
	July-05	*B25G1*	ND	ND	ND	ND
	Aug-05	*B3673*	ND	**0.39 J**	ND	ND
		B3674-dup	ND	**0.48 J**	ND	ND
EPA-5 (D2)	Jul-04	*024-0087*	ND	ND	ND	ND
	Oct-04	*10221*	ND	ND	ND	ND
		10220-dup	ND	ND	ND	ND
	Dec-04	*A19518*	ND	ND	ND	ND
	May-05	*024-0270*	ND	ND	ND	ND
	July-05	*B25G0*	ND	ND	ND	ND
	Aug-05	*B3672*	ND	ND	ND	ND
EPA-5 (D1)	Jul-04	*024-0088*	ND	ND	ND	ND
	Oct-04	*10222*	ND	ND	ND	ND
	Dec-04	*A19519*	ND	ND	ND	ND
	May-05	*024-0271*	ND	ND	ND	ND
	July-05	*B25F9*	ND	ND	ND	ND
	Aug-05	*B3671*	ND	**0.1 J**	ND	ND
EPA-5 (I2)	Oct-04	*10223*	ND	**2.5**	ND	ND
	Dec-04	*A19520*	ND	**1.9**	ND	ND
	May-05	*024-0272*	ND	ND	ND	ND
EPA-5 (I1)	Oct-04	*10234*	ND	**1.8**	ND	ND
	May-05	*024-0273*	ND	ND	ND	ND
EPA-6 (D3)	Jul-04	*024-0008*	ND	ND	ND	ND
	Oct-04	*10194*	ND	ND	ND	ND
	May-05	*024-0290*	ND	ND	ND	ND
	Aug-05	*B3677*	ND	ND	ND	ND
EPA-6 (D2)	Jul-04	*024-0009*	ND	ND	ND	ND
	Oct-04	*10195*	ND	ND	ND	ND
	May-05	*024-0291*	ND	ND	ND	ND
	Aug-05	*B3676*	ND	ND	ND	ND
EPA-6 (D1)	Jul-04	*024-0010*	ND	ND	ND	ND
	Oct-04	*10196*	ND	ND	ND	ND
	May-05	*024-0292*	ND	ND	ND	ND
	Aug-05	*B3675*	ND	ND	ND	ND
EPA-6 (I2)	Jul-04	*024-0011*	ND	ND	ND	ND
	Oct-04	*10197*	ND	ND	ND	ND
	May-05	*024-0293*	ND	ND	ND	ND
	Aug-05	*B3678*	ND	ND	ND	ND
EPA-6 (I1)	Oct-04	*10198*	ND	ND	ND	ND
	May-05	*024-0294*	ND	ND	ND	ND

trans-1,2-DCE = trans-1,2-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
TCE = trichloroethene
dup = duplicate

Depth zones in each well are listed in order of sampling:
D = deep
I = intermediate
S = shallow

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-7 (D3)	Jul-04	*024-0049*	ND	ND	ND	ND
		024-0050-dup	ND	ND	ND	ND
	Oct-04	*10191*	ND	ND	ND	ND
	May-05	*024-0295*	ND	ND	ND	ND
	Aug-05	*B3681*	ND	ND	ND	ND
EPA-7 (D2)	Jul-04	*024-0051*	ND	ND	ND	ND
	Oct-04	*10192*	ND	ND	ND	ND
	May-05	*024-0296*	ND	ND	ND	ND
	Aug-05	*B3680*	ND	ND	ND	ND
EPA-7 (D1)	Jul-04	*024-0052*	ND	ND	ND	ND
	Oct-04	*10193*	ND	ND	ND	ND
	May-05	*024-0297*	ND	ND	ND	ND
	Aug-05	*B3679*	ND	ND	ND	ND
EPA-7 (I2)	Jul-04	*024-0053*	ND	ND	ND	ND
	Oct-04	*10224*	ND	ND	ND	ND
	May-05	*024-0298*	ND	ND	ND	ND
	Aug-05	*B3683*	ND	ND	ND	ND
EPA-7 (I1)	Jul-04	*024-0054*	ND	ND	ND	ND
	Oct-04	*10207*	ND	ND	ND	ND
	May-05	*024-0299*	ND	ND	ND	ND
	Aug-05	*B3682*	ND	ND	ND	ND
EPA-7 (S1)	Jul-04	*024-0055*	ND	ND	ND	ND
	Oct-04	*10226*	ND	ND	ND	ND
	May-05	*024-0300*	ND	ND	ND	ND
	Aug-05	*B3684*	ND	ND	ND	ND
EPA-8 (D3)	Jul-04	*024-0021*	ND	ND	ND	ND
	Oct-04	*10235*	ND	ND	ND	ND
	May-05	*024-0308*	ND	ND	ND	ND
	Aug-05	*B3686*	ND	ND	ND	ND
EPA-8 (D2)	Jul-04	*024-0025*	ND	ND	ND	ND
	Oct-04	*10236*	ND	ND	ND	ND
	May-05	*024-0309*	ND	ND	ND	ND
	Aug-05	*B3685*	ND	ND	ND	ND
EPA-8 (D1b)	Jul-04	*024-0029*	ND	ND	ND	ND
	Oct-04	*10237*	ND	ND	ND	ND
	May-05	*024-0310*	ND	ND	ND	ND
	Aug-05	*B3691*	ND	ND	ND	ND
EPA-8 (D1a)	Jul-04	*024-0030*	ND	ND	ND	ND
	Oct-04	*10238*	ND	ND	ND	ND
	May-05	*024-0311*	ND	ND	ND	ND
	Aug-05	*B3690*	ND	ND	ND	ND
EPA-8 (I2)	Jul-04	*024-0032*	ND	ND	ND	ND
	Oct-04	*10239*	ND	ND	ND	ND
	May-05	*024-0312*	ND	ND	ND	ND
	Aug-05	*B3688*	ND	ND	ND	ND
EPA-8 (I1)	Jul-04	*024-0033*	ND	ND	ND	ND
	Oct-04	*10243*	ND	ND	ND	ND
	May-05	*024-0313*	ND	ND	ND	ND
	Aug-05	*B3687*	ND	ND	ND	ND

ND = non-detect (minimum detection limit in parenthesis for selected analyses)
J = detected below method detection limit (detection limit in parenthesis if shown)

TABLE 1 (continued)
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-8 (S1)	Jul-04	*024-0034*	ND	ND	ND	ND
	Oct-04	*10244*	ND	ND	ND	ND
	May-05	*024-0314*	ND	ND	ND	ND
	Aug-05	*B3689*	ND	ND	ND	ND
EPA-9 (D3)	Jul-04	*024-0090*	ND	ND	ND	ND
		024-0091-dup	ND	ND	ND	ND
	Oct-04	*10303*	ND	ND	ND	ND
	Dec-04	*A19521*	ND	ND	ND	ND
	May-05	*024-0275*	ND	ND	ND	ND
	July-05	*B25G4*	ND	ND	ND	ND
	Aug-05	*B3694*	ND	ND	ND	ND
EPA-9 (D2)	Jul-04	*024-0092*	ND	ND	ND	ND
	Oct-04	*10311*	ND	ND	ND	ND
	Dec-04	*A19523*	ND	ND	ND	ND
	May-05	*024-0276*	ND	ND	ND	ND
	July-05	*B25G3*	ND	ND	ND	ND
	Aug-05	*B3693*	ND	ND	ND	ND
EPA-9 (D1)	Jul-04	*024-0093*	ND	ND	ND	ND
	Oct-04	*10310*	ND	ND	ND	ND
	Dec-04	*A19524*	ND	ND	ND	ND
	May-05	*024-0277*	ND	ND	ND	ND
	July-05	*B25G2*	ND	ND	ND	ND
	Aug-05	*B3692*	ND	ND	ND	ND
EPA-9 (I2)	Jul-04	*024-0094*	ND	ND	ND	ND
	Oct-04	*10312*	ND	ND	ND	ND
	Dec-04	*A19525*	ND	ND	ND	ND
	May-05	*024-0278*	ND	ND	ND	ND
	Aug-05	*B3696*	ND	ND	ND	ND
EPA-9 (I1)	Jul-04	*024-0095*	ND	ND	ND	ND
	Oct-04	*10313*	ND	ND	ND	ND
	Dec-04	*A19526*	ND	ND	ND	ND
	May-05	*024-0279*	ND	ND	ND	ND
	Aug-05	*B3695*	ND	ND	ND	ND
EPA-10 (D3)	Jul-04	*024-0012*	ND	ND	ND	ND
	Oct-04	*10202*	ND	ND	ND	ND
	May-05	*024-0283*	ND	ND	ND	ND
	Aug-05	*B3655*	ND	ND	ND	ND
EPA-10 (D2)	Jul-04	*024-0013*	ND	ND	ND	ND
	Oct-04	*10214*	ND	ND	ND	ND
	Aug-05	*B3654*	ND	ND	ND	ND
EPA-10 (D1)	Jul-04	*024-0014*	ND	ND	ND	ND
	Oct-04	*10215*	ND	ND	ND	ND
	May-05	*024-0285*	ND	ND	ND	ND
		024-0286-dup	ND	ND	ND	ND
	Aug-05	*B3653*	ND	ND	ND	ND

trans-1,2-DCE = trans-1,2-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
TCE = trichloroethene
* sample not received in lab. *dup* = duplicate

Depth zones in each well are listed in order of sampling:
D = deep
I = intermediate
S = shallow

			micrograms/liter			
Well No and Zone	Date	Sample No.	Vinyl Chloride	cis-1,2-DCE	trans-1,2-DCE	TCE
EPA-10 (I2)	Jul-04	*024-0016*	ND	ND	ND	ND
	Oct-04	*10216*	ND	ND	ND	ND
	May-05	*024-0287*	ND	ND	ND	ND
	Aug-05	*B3657*	ND	ND	ND	ND
EPA-10 (I1)	Jul-04	*024-0017*	ND	ND	ND	ND
	Oct-04	*10217*	ND	ND	ND	ND
	May-05	*024-0288*	ND	ND	ND	ND
	Aug-05	*B3656*	ND	ND	ND	ND
EPA-10 (S3)	Jul-04	*024-0018*	ND	ND	ND	ND
	Oct-04	*10218*	ND	ND	ND	ND
	May-05	*024-0289*	ND	ND	ND	ND
	Aug-05	*B3658*	ND	ND	ND	ND
CY204 (PPD1b)	Jul-04	*024-0038*	ND	**450**	**7.2**	**36**
	Oct-04	*10245*	ND	**310**	**5.3**	**23**
CY204 (D1a)	Jul-04	*024-0039*	ND	**390**	**4.9**	**23**
	Oct-04	*10246*	ND	**410**	ND	**16**
		10247-dup	ND	**500**	**7.0**	**27**
	May-05	*024-0315*	ND	**523**	**8.71**	**34.6**
		024-0316-dup	ND	**530**	**6.78**	**27.5**
	Aug-05	*B3642*	**0.2 J**	**600 E**	**11**	**25**
		B3643-dup	**0.27 J**	**600 E**	**8.5**	**33**
CY204 (I2)	Jul-04	*024-0040*	ND	**490**	**5.7**	**28**
	Oct-04	*10248*	ND	**450**	**7.7**	**32**
	May-05	*024-0317*	ND	**357**	**6.09**	**17.4**
CY204 (I1)	May-05	*024-0318*	ND	**306**	**3.35 J**	**16.6**
CY204 (S1)	Jul-04	*0024-0041*	ND	**2**	ND	ND
	Oct-04	*10249*	*	*	*	*
	May-05	*024-0319*	ND	ND	ND	ND
	Aug-05	*B3641*	ND	**1.8**	**0.1 J**	**0.68**
CY205 (PPD1b)	Jul-04	*024-0043*	ND	**350**	**4.3**	**22**
	Oct-04	*10282*	ND	**330**	**5.9**	**26**
CY205 (D1a)	Jul-04	*024-0044*	ND	**560**	**6.4**	**36**
		024-0045-dup	ND	**540**	**6.8**	**36**
	Oct-04	*10283*	ND	**490**	**7**	**33**
		10300-dup	ND	**510**	**6.8**	**34**
	May-05	*024-0320*	ND	**458**	ND	**25.3**
	Aug-05	*B3645*	ND	**500**	**12 J**	ND (25)
		B3646-dup	ND	**550**	**11 J**	**27**
CY205 (I2b)	Jul-04	*024-0046*	ND	**490**	**5.7**	**31**
	Oct-04	*10302*	ND	**520**	**5.8**	**34**
	May-05	*024-0321*	ND	**338**	**5.46**	**23.2**
	Aug-05	*B3647*	ND	**550**	**11 J**	**24 J**
CY205 (I2a)	Oct-04	*10301*	ND	**190**	**2.1**	**9.5**
	May-05	*024-0322*	ND	**101**	**1.58 J**	**5.74**
CY205 (S1)	Oct-04	*10302*	ND	ND	ND	ND
	May-05	*024-0323*	ND	**3.16 J**	ND	ND
	Aug-05	*B3644*	ND	**4.1**	**0.23 J**	ND

ND = non-detect (minimum detection limit in parenthesis for selected analyses)
J = detected below method detection limit (detection limit in parenthesis if shown)

TABLE 1
SUMMARY OFGROUNDWATER ANALYTICAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

Well No and Zone	micrograms/liter																							
	Vinyl Chloride						trans-1,2-DCE						cis-1,2-DCE						TCE					
	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05
EPA-1 (D3)	024-0076	10204	A19509	024-0325	B25F3	B3650	024-0076	10204	A19509	024-0325	B25F3	B3650	024-0076	10204	A19509	024-0325	B25F3	B3650	024-0076	10204	A19509	024-0325	B25F3	B3650
	94	94	120	187	ND	150	23	17	ND	14.2 J (50)	ND	23 J	1,700	1,200	1,000	767	17	1,200	1.1	ND	ND	ND (50)	ND	ND
EPA-1 (D2)	024-0078	10208	A19512	024-0284	B25F2	B3649	024-0078	10208	A19512	024-0284	B25F2	B3649	024-0078	10208	A19512	024-0284	B25F2	B3649	024-0078	10208	A19512	024-0284	B25F2	B3649
	1.9	ND	1.1	1.46 J	ND	0.42 J	ND	ND	ND	ND	ND	ND	10	9.1	8.2	9.98	ND	ND	ND	ND	ND	ND	ND	ND
EPA-1 (D1)	024-0079	10206	A19513	024-0328	B25F1	B3648	024-0079	10206	A19513	024-0328	B25F1	B3648	024-0079	10206	A19513	024-0328	B25F1	B3648	024-0079	10206	A19513	024-0328	B25F1	B3648
	ND	ND	ND	ND	0.04 J	ND	ND	ND	ND	ND	0.5	0.33 J	3.6	4.7	5	6.76	17	ND	ND	ND	ND	ND	ND	ND
EPA-1 (I2)	NS (dry)	10229	A19514	024-0329	NS	NS	NS (dry)	10229	A19514	024-0329	NS	NS	NS (dry)	10229	A19514	024-0329	NS	NS	NS (dry)	10229	A19514	024-0329	NS	NS
	NS (dry)	ND	ND	ND	NS	NS	NS (dry)	ND	ND	ND	NS	NS	NS (dry)	1.6	3.3	1.45 J	NS	NS	NS (dry)	ND	ND	ND	NS	NS
EPA-1 (I1)	NS	NS	NS	024-0330	NS	NS	NS	NS	NS	024-0330	NS	NS	NS	NS	NS	024-0330	NS	NS	NS	NS	NS	024-0330	NS	NS
	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS
EPA-1 (S3)	NS	NS	NS	NS	NS	B3652	NS	NS	NS	NS	NS	B3652	NS	NS	NS	NS	NS	B3652	NS	NS	NS	NS	NS	B3652
	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND
EPA-1 (S2)	024-0081	NS	NS	024-0331	NS	NS	024-0081	NS	NS	024-0331	NS	NS	024-0081	NS	NS	024-0331	NS	NS	024-0081	NS	NS	024-0331	NS	NS
	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS
EPA-2 (D3)	024-0070	10291	A19527	024-0332	B25F8	B3661	024-0070	10291	A19527	024-0332	B25F8	B3661	024-0070	10291	A19527	024-0332	B25F8	B3661	024-0070	10291	A19527	024-0332	B25F8	B3661
	ND	2.6 J	ND	ND (100)	ND	4.6 J	2.4	7.1	ND	ND (100)	ND	11 J	140	420	340	1,240	0.63	400	8.7	17	6.7	92.0 J (100)	ND	16 J
EPA-2 (D2)	024-0072	10292	A19528	024-0333	B25F6	B3660	024-0072	10292	A19528	024-0333	B25F6	B3660	024-0072	10292	A19528	024-0333	B25F6	B3660	024-0072	10292	A19528	024-0333	B25F6	B3660
	ND	4.8 J	3.4	ND (100)	ND	2.2 J	ND	3.8	3.5	ND (100)	ND	3.2 J	22	210	320	1,170	ND	ND	1.4	5.4	5.1	88.6 J (100)	ND	3.2 J
EPA-2 (D1)	024-0073	10281	A15929	024-0335	B25F5	B3659	024-0073	10281	A15929	024-0335	B25F5	B3659	024-0073	10281	A15929	024-0335	B25F5	B3659	024-0073	10281	A15929	024-0335	B25F5	B3659
	ND	1.1 J	ND	ND (100)	ND	ND	ND	3.2	ND	ND (100)	ND	6.4	51	250	280	1,300	ND	220 E	2.6	6.1	8.6	93.6 J (100)	ND	4.9 J
EPA-2 (I1)	NS	NS	A15830	024-0337	NS	NS	NS	NS	A15830	024-0337	NS	NS	NS	NS	A15830	024-0337	NS	NS	NS	NS	A15830	024-0337	NS	NS
	NS	NS	ND	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	NS	12	2.05 J	NS	NS	NS	NS	ND	ND	NS	NS
EPA-2 (I2)	024-0074	10280	A19531	024-0336	NS	B3662	024-0074	10280	A19531	024-0336	NS	B3662	024-0074	10280	A19531	024-0336	NS	B3662	024-0074	10280	A19531	024-0336	NS	B3662
	6.3	ND	ND	ND (100)	NS	ND	8.1	3.4	5.1	ND (100)	NS	29 J	640	190	530	282	NS	1,500	41	32	24	26.4 J (100)	NS	52 J
EPA-3 (D3)	024-0002	10199	NS	024-0281	NS	B3665	024-0002	10199	NS	024-0281	NS	B3665	024-0002	10199	NS	024-0281	NS	B3665	024-0002	10199	NS	024-0281	NS	B3665
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-3 (D2)	024-0003	10200	NS	024-0265	NS	B3664	024-0003	10200	NS	024-0265	NS	B3664	024-0003	10200	NS	024-0265	NS	B3664	024-0003	10200	NS	024-0265	NS	B3664
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-3 (D1)	024-0004	10201	NS	024-0280	NS	B3663	024-0004	10201	NS	024-0280	NS	B3663	024-0004	10201	NS	024-0280	NS	B3663	024-0004	10201	NS	024-0280	NS	B3663
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-3 (I2)	NS	10203	NS	024-0266	NS	NS	NS	10203	NS	024-0266	NS	NS	NS	10203	NS	024-0266	NS	NS	NS	10203	NS	024-0266	NS	NS
	NS	*	NS	ND	NS	NS	NS	*	NS	ND	NS	NS	NS	*	NS	ND	NS	NS	NS	*	NS	ND	NS	NS
EPA-3 (I1)	024-0005	10225	NS	024-0267	NS	NS	024-0005	10225	NS	024-0267	NS	NS	024-0005	10225	NS	024-0267	NS	NS	024-0005	10225	NS	024-0267	NS	NS
	ND	ND	NS	ND	NS	NS	ND	ND	NS	ND	NS	NS	ND	ND	NS	ND	NS	NS	ND	ND	NS	ND	NS	NS
EPA-3 (S2)	NS	NS	NS	024-0268	NS	NS	NS	NS	NS	024-0268	NS	NS	NS	NS	NS	024-0268	NS	NS	NS	NS	NS	024-0268	NS	NS
	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS
EPA-4 (D3)	024-0061	024-0200	NS	024-0302	NS	B3668	024-0061	024-0200	NS	024-0302	NS	B3668	024-0061	024-0200	NS	024-0302	NS	B3668	024-0061	024-0200	NS	024-0302	NS	B3668
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-4 (D2)	024-0063	024-0201	NS	024-0303	NS	B3667	024-0063	024-0201	NS	024-0303	NS	B3667	024-0063	024-0201	NS	024-0303	NS	B3667	024-0063	024-0201	NS	024-0303	NS	B3667
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-4 (D1)	024-0064	024-0202	NS	024-0304	NS	B3666	024-0064	024-0202	NS	024-0304	NS	B3666	024-0064	024-0202	NS	024-0304	NS	B3666	024-0064	024-0202	NS	024-0304	NS	B3666
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-4 (I2)	024-0065	024-0203	NS	024-0305	NS	B3669	024-0065	024-0203	NS	024-0305	NS	B3669	024-0065	024-0203	NS	024-0305	NS	B3669	024-0065	024-0203	NS	024-0305	NS	B3669
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-4 (S1)	024-0066	024-0207	NS	024-0306	NS	B3670	024-0066	024-0207	NS	024-0306	NS	B3670	024-0066	024-0207	NS	024-0306	NS	B3670	024-0066	024-0207	NS	024-0306	NS	B3670
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-5 (D3)	024-0086	10219	A19521	024-0269	B25G2	B3673	024-0086	10219	A19521	024-0269	B25G2	B3673	024-0086	10219	A19521	024-0269	B25G2	B3673	024-0086	10219	A19521	024-0269	B25G2	B3673
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48 J	ND	ND	ND	ND	ND	ND
EPA-5 (D2)	024-0087	10221	A19518	024-0270	B25G0	B3672	024-0087	10221	A19518	024-0270	B25G0	B3672	024-0087	10221	A19518	024-0270	B25G0	B3672	024-0087	10221	A19518	024-0270	B25G0	B3672
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA-5 (D1)	024-0088	10222	A19519	024-0271	B25F9	B3671	024-0088	10222	A19519	024-0271	B25F9	B3671	024-0088	10222	A19519	024-0271	B25F9	B3671	024-0088	10222	A19519	024-0271	B25F9	B3671
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1 J	ND	ND	ND	ND	ND	ND
EPA-5 (I2)	NS (dry)	10223	A19520	024-0272	NS	NS	NS (dry)	10223	A19520	024-0272	NS	NS	NS (dry)	10223	A19520	024-0272	NS	NS	NS (dry)	10223	A19520	024-0272	NS	NS
	NS (dry)	ND	ND	ND	NS	NS	NS (dry)	ND	ND	ND	NS	NS	dry	2.5	1.9	ND	NS	NS	dry	ND	ND	ND	NS	NS

TABLE 1 (CONTINUED)
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

Well No and Zone	micrograms/liter																							
	Vinyl Chloride						trans-1,2-DCE						cis-1,2-DCE						TCE					
	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05
EPA-5 (I1)	NS (dry)	10234	NS	024-0273	NS	NS	NS (dry)	10234	NS	024-0273	NS	NS	NS (dry)	10234	NS	024-0273	NS	NS	NS (dry)	10234	NS	024-0273	NS	NS
	NS (dry)	ND	NS	ND	NS	NS	dry	ND	NS	ND	NS	NS	dry	1.8	NS	ND	NS	NS	dry	ND	ND	ND	NS	NS
EPA-6 (D3)	024-0008	10194	NS	024-0290	NS	B3677	024-0008	10194	NS	024-0290	NS	B3677	024-0008	10194	NS	024-0290	NS	B3677	024-0008	10194	NS	024-0290	NS	B3677
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-6 (D2)	024-0009	10195	NS	024-0291	NS	B3676	024-0009	10195	NS	024-0291	NS	B3676	024-0009	10195	NS	024-0291	NS	B3676	024-0009	10195	NS	024-0291	NS	B3676
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-6 (D1)	024-0010	10196	NS	024-0292	NS	B3675	024-0010	10196	NS	024-0292	NS	B3675	024-0010	10196	NS	024-0292	NS	B3675	024-0010	10196	NS	024-0292	NS	B3675
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-6 (I2)	024-0011	10197	NS	024-0293	NS	B3678	024-0011	10197	NS	024-0293	NS	B3678	024-0011	10197	NS	024-0293	NS	B3678	024-0011	10197	NS	024-0293	NS	B3678
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-6 (I1)	NS	10198	NS	024-0294	NS	NS	NS	10198	NS	024-0294	NS	NS	NS	10198	NS	024-0294	NS	NS	NS	10198	NS	024-0294	NS	NS
	NS	ND	NS	ND	NS	NS	NS	ND	NS	ND	NS	NS	NS	ND	NS	ND	NS	NS	NS	ND	NS	ND	NS	NS
EPA-7 (D3)	024-0049	10191	NS	024-0295	NS	B3681	024-0049	10191	NS	024-0295	NS	B3681	024-0049	10191	NS	024-0295	NS	B3681	024-0049	10191	NS	024-0295	NS	B3681
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-7 (D2)	024-0051	10192	NS	024-0296	NS	B3680	024-0051	10192	NS	024-0296	NS	B3680	024-0051	10192	NS	024-0296	NS	B3680	024-0051	10192	NS	024-0296	NS	B3680
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-7 (D1)	024-0052	10193	NS	024-0297	NS	B3679	024-0052	10193	NS	024-0297	NS	B3679	024-0052	10193	NS	024-0297	NS	B3679	024-0052	10193	NS	024-0297	NS	B3679
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-7 (I2)	024-0053	10224	NS	024-0298	NS	B3683	024-0053	10224	NS	024-0298	NS	B3683	024-0053	10224	NS	024-0298	NS	B3683	024-0053	10224	NS	024-0298	NS	B3683
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-7 (I1)	024-0054	10207	NS	024-0299	NS	B3682	024-0054	10207	NS	024-0299	NS	B3682	024-0054	10207	NS	024-0299	NS	B3682	024-0054	10207	NS	024-0299	NS	B3682
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-7 (S1)	024-0055	10226	NS	024-0300	NS	B3684	024-0055	10226	NS	024-0300	NS	B3684	024-0055	10226	NS	024-0300	NS	B3684	024-0055	10226	NS	024-0300	NS	B3684
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (D3)	024-0021	10235	NS	024-0308	NS	B3686	024-0021	10235	NS	024-0308	NS	B3686	024-0021	10235	NS	024-0308	NS	B3686	024-0021	10235	NS	024-0308	NS	B3686
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (D2)	024-0025	10221	NS	024-0309	NS	B3685	024-0025	10221	NS	024-0309	NS	B3685	024-0025	10221	NS	024-0309	NS	B3685	024-0025	10221	NS	024-0309	NS	B3685
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (D1b)	024-0029	10237	NS	024-0310	NS	B3691	024-0029	10237	NS	024-0310	NS	B3691	024-0029	10237	NS	024-0310	NS	B3691	024-0029	10237	NS	024-0310	NS	B3691
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (D1a)	024-0030	10238	NS	024-0311	NS	B3690	024-0030	10238	NS	024-0311	NS	B3690	024-0030	10238	NS	024-0311	NS	B3690	024-0030	10238	NS	024-0311	NS	B3690
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (I2)	024-0032	10239	NS	024-0312	NS	B3688	024-0032	10239	NS	024-0312	NS	B3688	024-0032	10239	NS	024-0312	NS	B3688	024-0032	10239	NS	024-0312	NS	B3688
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-8 (I1)	024-0033	10243	NS	024-0313	NS	B3687	024-0033	10243	NS	024-0313	NS	B3687	024-0033	10243	NS	024-0313	NS	B3687	024-0033	10243	NS	024-0313	NS	B3687
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	0.37 J
EPA-8 (S1)	024-0034	10244	NS	024-0314	NS	B3689	024-0034	10244	NS	024-0314	NS	B3689	024-0034	10244	NS	024-0314	NS	B3689	024-0034	10244	NS	024-0314	NS	B3689
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-9 (D3)	024-0090	10303	A19521	024-0281	B25G4	B3694	024-0090	10303	A19521	024-0281	B25G4	B3694	024-0090	10303	A19521	024-0281	B25G4	B3694	024-0090	10303	A19521	024-0281	B25G4	B3694
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA-9 (D2)	024-0092	10311	A19523	024-0276	B25G3	B3693	024-0092	10311	A19523	024-0276	B25G3	B3693	024-0092	10311	A19523	024-0276	B25G3	B3693	024-0092	10311	A19523	024-0276	B25G3	B3693
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	3.2	2.3	3.58J	ND	ND	ND	ND	ND	ND	ND	ND
EPA-9 (D1)	024-0093	10310	A19524	024-0277	B25G2	B3692	024-0093	10310	A19524	024-0277	B25G2	B3692	024-0093	10310	A19524	024-0277	B25G2	B3692	024-0093	10310	A19524	024-0277	B25G2	B3692
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA-9 (I2)	024-0094	10312	A19525	024-0278	NS	B3696	024-0094	10312	A19525	024-0278	NS	B3696	024-0094	10312	A19525	024-0278	NS	B3696	024-0094	10312	A19525	024-0278	NS	B3696
	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND
EPA-9 (I1)	024-0095	10313	A19526	024-0279	NS	B3695	024-0095	10313	A19526	024-0279	NS	B3695	024-0095	10313	A19526	024-0279	NS	B3695	024-0095	10313	A19526	024-0279	NS	B3695
	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NS	ND
EPA-10 (D3)	024-0012	10202	NS	024-0283	NS	B3655	024-0012	10202	NS	024-0283	NS	B3655	024-0012	10202	NS	024-0283	NS	B3655	024-0012	10202	NS	024-0283	NS	B3655
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-10 (D2)	024-0013	10214	NS	NS	NS	B3654	024-0013	10214	NS	NS	NS	B3654	024-0013	10214	NS	NS	NS	B3654	024-0013	10214	NS	NS	NS	B3654
	ND	ND	NS	NS	NS	ND	ND	ND	NS	NS	NS	ND	ND	ND	NS	NS	NS	ND	ND	ND	NS	NS	NS	ND
EPA-10 (D1)	024-0014	10215	NS	024-0285	NS	B3653	024-0014	10215	NS	024-0285	NS	B3653	024-0014	10215	NS	024-0285	NS	B3653	024-0014	10215	NS	024-0285	NS	B3653
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
EPA-10 (I2)	024-0016	10216	NS	024-0287	NS	B3657	024-0016	10216	NS	024-0287	NS	B3657	024-0016	10216	NS	024-0287	NS	B3657	024-0016	10216	NS	024-0287	NS	B3657
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND

TABLE 1 (CONTINUED)
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

Well No and Zone	micrograms/liter																							
	Vinyl Chloride						trans-1,2-DCE						cis-1,2-DCE						TCE					
	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05	Jul-04	Oct-04	Dec-04	May-05	July-05	Aug-05
EPA-10 (I1)	*024-0017*	*10217*	*NS*	*024-0288*	*NS*	*B3656*	*024-0017*	*10217*	*NS*	*024-0288*	*NS*	*B3656*	*024-0017*	*10217*	*NS*	*024-0288*	*NS*	*B3656*	*024-0017*	*10217*	*NS*	*024-0288*	*NS*	*B3656*
	ND	ND	NS	ND	NS	*ND*	ND	ND	NS	ND	NS	*ND*	ND	ND	NS	ND	NS	*ND*	ND	ND	NS	ND	NS	*ND*
EPA-10 (S3)	*024-0018*	*10218*	*NS*	*024-0289*	*NS*	*B3658*	*024-0018*	*10218*	*NS*	*024-0289*	*NS*	*B3658*	*024-0018*	*10218*	*NS*	*024-0289*	*NS*	*B3658*	*024-0018*	*10218*	*NS*	*024-0289*	*NS*	*B3658*
	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND	ND	ND	NS	ND	NS	ND
CY204 (PPD1b)	*024-0038*	*10245*	*NS*	*NS*	*NS*	*NS*	*024-0038*	*10245*	*NS*	*NS*	*NS*	*NS*	*024-0038*	*10245*	*NS*	*NS*	*NS*	*NS*	*024-0038*	*10245*	*NS*	*NS*	*NS*	*NS*
	ND	ND	NS	NS	NS	NS	**7.2**	**5.3**	NS	NS	NS	NS	**450**	**310**	NS	NS	NS	NS	**36**	**23**	NS	NS	NS	NS
CY204 (D1a)	*024-0039*	*10246*	*NS*	*024-0315*	*NS*	*B3642*	*024-0039*	*10246*	*NS*	*024-0315*	*NS*	*B3642*	*024-0039*	*10246*	*NS*	*024-0315*	*NS*	*B3642*	*024-0039*	*10246*	*NS*	*024-0315*	*NS*	*B3642*
	ND	ND	NS	ND	NS	**0.2 J**	**4.9**	ND	NS	**8.71**	NS	**11**	**390**	**410**	NS	**523**	NS	**600 E**	**23**	**16**	NS	**34.6**	NS	**0.5 J**
CY204 (I2)	*024-0040*	*10248*	*NS*	*024-0317*	*NS*	*NS*	*024-0040*	*10248*	*NS*	*024-0317*	*NS*	*NS*	*024-0040*	*10248*	*NS*	*024-0317*	*NS*	*NS*	*024-0040*	*10248*	*NS*	*024-0317*	*NS*	*NS*
	ND	ND	NS	ND	NS	NS	**5.7**	**7.7**	NS	**6.09**	NS	NS	**490**	**450**	NS	**357**	NS	NS	**28**	**32**	NS	**17.4**	NS	NS
CY204 (I1)	*NS*	*NS*	*NS*	*024-0318*	*NS*	*NS*	*NS*	*NS*	*NS*	*024-0318*	*NS*	*NS*	*NS*	*NS*	*NS*	*024-0318*	*NS*	*NS*	*NS*	*NS*	*NS*	*024-0318*	*NS*	*NS*
	NS	NS	NS	ND	NS	NS	NS	NS	NS	**3.35 J**	NS	NS	NS	NS	NS	**306**	NS	NS	NS	NS	NS	**16.6**	NS	NS
CY204 (S1)	*0024-0041*	*10249*	*NS*	*024-0319*	*NS*	*B3641*	*0024-0041*	*10249*	*NS*	*024-0319*	*NS*	*B3641*	*0024-0041*	*10249*	*NS*	*024-0319*	*NS*	*B3641*	*0024-0041*	*10249*	*NS*	*024-0319*	*NS*	*B3641*
	ND	*	NS	ND	NS	ND	ND	*	NS	ND	NS	**0.1 J**	**2**	*	NS	ND	NS	**1.8**	ND	*	NS	ND	NS	ND
CY205 (PPD1b)	*024-0043*	*10282*	*NS*	*NS*	*NS*	*NS*	*024-0043*	*10282*	*NS*	*NS*	*NS*	*NS*	*024-0043*	*10282*	*NS*	*NS*	*NS*	*NS*	*024-0043*	*10282*	*NS*	*NS*	*NS*	*NS*
	ND	ND	NS	NS	NS	NS	**4.3**	**5.9**	NS	NS	NS	NS	**350**	**330**	NS	NS	NS	NS	**22**	**26**	NS	NS	NS	NS
CY205 (D1a)	*024-0044*	*10283*	*NS*	*024-0320*	*NS*	*B3645*	*024-0044*	*10283*	*NS*	*024-0320*	*NS*	*B3645*	*024-0044*	*10283*	*NS*	*024-0320*	*NS*	*B3645*	*024-0044*	*10283*	*NS*	*024-0320*	*NS*	*B3645*
	ND	ND	NS	ND	NS	ND	**6.4**	**7**	NS	ND	NS	**12 J**	**560**	**490**	NS	**458**	NS	ND	**36**	**33**	NS	**25.3**	NS	ND
CY205 (I2b)	*024-0046*	*10302*	*NS*	*024-0321*	*NS*	*B3647*	*024-0046*	*10302*	*NS*	*024-0321*	*NS*	*B3647*	*024-0046*	*10302*	*NS*	*024-0321*	*NS*	*B3647*	*024-0046*	*10302*	*NS*	*024-0321*	*NS*	*B3647*
	ND	ND	NS	ND	NS	ND	**5.7**	**5.8**	NS	**5.46**	NS	**11 J**	**490**	**520**	NS	**338**	NS	ND	**31**	**34**	NS	**23.2**	NS	**24 J**
CY205 (I2a)	*NS (dry)*	*10301*	*NS*	*024-0322*	*NS*	*NS*	*NS (dry)*	*10301*	*NS*	*024-0322*	*NS*	*NS*	*NS (dry)*	*10301*	*NS*	*024-0322*	*NS*	*NS*	*NS (dry)*	*10301*	*NS*	*024-0322*	*NS*	*NS*
	NS (dry)	ND	NS	ND	NS	NS	NS (dry)	**2.1**	NS	**1.58 J**	NS	NS	dry	**190**	NS	**101**	NS	NS	dry	**9.5**	NS	**5.74**	NS	NS
CY205 (S1)	*NS*	*10302*	*NS*	*024-0323*	*NS*	*B3644*	*NS*	*10302*	*NS*	*024-0323*	*NS*	*B3644*	*NS*	*10302*	*NS*	*024-0323*	*NS*	*B3644*	*NS*	*10302*	*NS*	*024-0323*	*NS*	*B3644*
	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	**0.23 J**	NS	ND	NS	**3.16 J**	NS	**4.1**	NS	ND	NS	ND	NS	ND

KEY

Sample No.
concentration

ND = non-detect (minimum detection limit in parenthesis for selected analyses)
NS = not sampled
E = estimated
J = detected below method detection limit (detection limit in parenthesis if shown)
* sample not received in lab.

Depth zones in each well are listed in order of sampling:
D = deep
I = intermediate
S = shallow

trans-1,2-DCE = *trans*-1,2-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
TCE = trichloroethene

TABLE 2
HYDROLOGIC ZONE DESIGNATIONS
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

Well No.	Zone	Geologic Unit
EPA-1	S2	Middle Onondaga
	S3	Lower Onondaga
	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-2	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-3	I1	Upper Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-4	S1	Marcellus
	S2	Upper Onondaga
	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-5	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-6	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-7	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-8	S1	Marcellus
	S2	Upper Onondaga
	I1	Upper Manlius
	I2	Lower Manlius
	D1-A	Upper Rondout
	D1-B	Lower Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-9	I1	Upper Manlius
	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
EPA-10	S3	Lower Onondaga
	I1	Upper Manlius
	I2	Lower Manlius
	D1	Rondout
	D2	Cobleskill
	D3	Forge Hollow (gypsum unit)
CY204	S1	Marcellus
	I2	Lower Manlius
	D1-A	Upper Rondout
	D1-B	Lower Rondout
CY205	I2-A	Upper Manlius
	I2-B	Lower Manlius
	D1-A	Lower Manlius/Upper Rondout
	D1-B	Middle Rondout

S = shallow zone D = deep zone
I = intermediate zone

0024-DSR-033006

APPENDIX A
FINAL ANALYTICAL REPORT FOR JULY 2004 SAMPLING EVENT
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Cayuga County Westbay Sampling Site
Auburn, NY

September 2004

EPA Work Assignment No. 0-024
LOCKHEED MARTIN Work Order EAC00024
EPA Contract No. EP-C-04-032

Submitted to
D. Bussey
EPA-ERTC

K. Woodruff 9/13/04
K. Woodruff Date
Task Leader

Vinod Kansal 9/14/04
V. Kansal Date
Analytical Section Leader

Donna Miller 9/15/04
D. Miller Date
Program Manager

Analysis by:
REAC

Prepared by:
G. Karustis

Reviewed by:
J. Soroka

R2-0024488

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Appendices will be furnished on request.

Introduction

REAC in response to WA 0-024, provided analytical support for environmental samples collected from Cayuga County Westbay Sampling Site, located in Auburn, NY as described in the following table. The support also included QA/QC, data review, and preparation of an analytical report containing a summary of the analytical methods, the results, and the QA/QC results.

The samples were treated with procedures consistent with those specified in SOP #1008.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis	Laboratory	Data Package
0-024-0001	7	7/7/2004	7/9/2004	Water	VOC	REAC	N 221
0-024-0002	12	7/8/2004	7/11/2004	Water	VOC	REAC	N 221
0-024-0002	9	7/9/2004	7/11/2004	Water	VOC	REAC	N 221
0-024-0002	1	7/10/2004	7/11/2004	Water	VOC	REAC	N 221
0-024-0004	10	7/12/2004	7/17/2004	Water	VOC	REAC	N 221
0-024-0005	11	7/13/2004	7/15/2004	Water	VOC	REAC	N 221
0-024-0006	9	7/14/2004	7/15/2004	Water	VOC	REAC	N 221
0-024-0007	14	7/15/2004	7/18/2004	Water	VOC	REAC	N 221
0-024-0008	1	7/15/2004	7/18/2004	Water	VOC	REAC	N 221
0-024-0008	6	7/16/2004	7/18/2004	Water	VOC	REAC	N 221
0-024-0009	8	7/19/2004	7/20/2004	Water	VOC	REAC	N 221
14923	1	7/13/2004	7/15/2004	Water	VOC	REAC	N 221

Case Narrative

The data in this report have been validated to two significant figures. Any other representation of the data is the responsibility of the user. Data validation flags have been included in the results table.

VOC in Water Package N 221

Method blank (WMBLK 070904-1 contained 5.2 µg/L acetone. The acetone concentration in samples 0-024-0001 and 0-024-0007 should be regarded as not detected.

The trip blank, sample 0-024-0007, contained 7.4 µg/L chloroform, 3.7 µg/L bromodichloromethane and 1.1 µg/L dibromochloromethane. The data are not affected because these analytes were not detected in the associated samples (samples 0-024-0001 through 0-024-0006).

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The trip blank, sample 0-024-0036, contained 4.4 µg/L acetone, 3.7 µg/L chloroform and 2.4 µg/L bromodichloromethane. The data affected as follows: The acetone concentration in samples 0-024-0015, 0-024-0018 and 0-024-0031 should be regarded as not detected. The chloroform and bromodichloromethane concentration in samples 0-024-0015 and 0-024-0031 should be regarded as not detected. The chloroform concentration in sample 0-024-0011 should be regarded as not detected.

The trip blank, sample 0-024-0047, contained 3.0 µg/L acetone, 6.3 µg/L chloroform, 3.4 µg/L bromodichloromethane and 1.1 µg/L dibromochloromethane. The data affected as follows: The acetone concentration in sample 0-024-0042 should be regarded as not detected. The chloroform concentration in samples 0-024-0042 and 0-024-0043 should be regarded as not detected. The bromodichloromethane concentration in sample 0-024-0042 should be regarded as not detected.

The trip blank, sample 0-024-0058, contained 4.9 µg/L acetone, 4.8 µg/L chloroform, 2.9 µg/L bromodichloromethane. The acetone, chloroform and bromodichloromethane concentrations in sample 0-024-0056 should be regarded as not detected.

The trip blank, sample 0-024-0068, contained 2.9 µg/L acetone, 6.1 µg/L chloroform and 3.2 µg/L bromodichloromethane. The acetone, chloroform and bromodichloromethane concentrations in sample 0-024-0060 should be regarded as not detected.

The trip blank, sample 0-024-0092, contained 6.8 µg/L chloroform, 3.5 µg/L bromodichloromethane and 1.0 µg/L dibromochloromethane. The data affected as follows: The chloroform and bromodichloromethane concentrations in samples 0-024-0069, 0-024-0083 and 0-024-0084 should be regarded as not detected. The chloroform concentrations in samples 0-024-0075 and 0-024-0089 should be regarded as not detected.

The acceptable QC limits were exceeded for the relative response factor for 1,2-dibromo-3-chloropropane (0.047%) in the continuing calibration check standard of 7/12/04 on system "B". The results of the 1,2-dibromo-3-chloropropane analysis for samples 0-024-0009 through 0-024-0012 and WMBLK 071204-1 should be regarded as rejected.

The acceptable QC limits were exceeded for the percent difference for acetone (29%) in the continuing calibration check standard of 7/12/04 on system "B". The data are not affected because acetone was not detected in the associated samples (0-024-0009 through 0-024-0012).

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (42%) and 2,2-dichloropropane (28%) in the continuing calibration check standard of 7/13/04 (12:14 AM) on system "A". The data are not affected because these analytes were not detected in the associated samples (WMBLK 071304-2 and 0-024-0029 through 0-024-0035, 0-024-0008, 0-024-0013 and 0-024-0021).

The acceptable QC limits were exceeded for the percent difference for 2,2-dichloropropane (27%) in the continuing calibration check standard of 7/14/04 (9:51 AM) on system "A". The data are not affected because these analytes were not detected in the associated samples (WMBLK 071404-2 and 0-024-0038 through 0-024-0047).

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (27%) in the continuing calibration check standard of 7/16/04 (4:16 AM) on system "A". The data are not affected because these analytes were not detected in the associated samples (WMBLK 071604-2 and 0-024-0051 through 0-024-0057, 27030, 0-024-0048, 0-024-0049, 0-024-0060, 0-024-0067 and 0-024-0068).

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (27%) and hexachlorobutadiene (26%) in the continuing calibration check standard of 7/20/04 (4:58 AM) on system "A". The data are not affected because these analytes were not detected in the associated samples (WMBLK 072004-2 and 0-024-0050, 0-024-0062, 0-024-0071 and 0-024-0081).

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (31%) and acetone (27%) in the continuing calibration check standard of 7/20/04 (19:18) on system "A". The acetone concentrations in samples 0-024-0083, 0-024-0084 and 0-024-0095 should be regarded as estimated. The vinyl chloride concentration in samples 0-024-0083 through 0-024-0090, 0-024-0092 through 0-024-0097 and WMBLK-072004-4 should be regarded as not detected.

Summary of Abbreviations

AA	Atomic Absorption
B	The analyte was found in the blank
BFB	Bromofluorobenzene
C	Centigrade
cont.	Continued
D	(Surrogate Table) this value is from a diluted sample and was not calculated (Result Table) this result was obtained from a diluted sample
Dioxin and/or	
PCDD and PCDF denotes Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans	
CLP	Contract Laboratory Protocol
COC	Chain of Custody
CONC	Concentration
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
DFTPP	Decafluorotriphenylphosphine
DL	Detection Limit
E	The value is greater than the highest linear standard and is estimated
EMPC	Estimated maximum possible concentration
ICAP	Inductively Coupled Argon Plasma
ISTD	Internal Standard
J	The value is below the method detection limit and is estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDL	Method Detection Limit
MI	Matrix Interference
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	either Not Applicable or Not Available
NC	Not Calculated
NR	Not Requested
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
PPB	Parts per billion
PPBV	Parts per billion by volume
PPMV	Parts per million by volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
U	Denotes not detected
W	Weathered analyte; Aroclor pattern displays a degradation of earlier eluting peaks

m^3	cubic meter	kg	kilogram	µg	microgram
L	liter	g	gram	pg	picogram
mL	milliliter	mg	milligram	ng	nanogram
µL	microliter				

* denotes a value that exceeds the acceptable QC limit

Abbreviations that are specific to a particular table are explained in footnotes on that table

Revision 7/16/03

R2-0024493

Analytical Procedure for VOC in Water

A modified 524.2 method for the analysis of Volatile Organic Compounds in water was used. Samples were purged, trapped, and desorbed to a GC/MS system. Prior to purging, the samples were spiked with a three component surrogate mixture consisting of toluene-d_8, 4-bromofluorobenzene and 1,2-dichloroethane-d_4 and a three component internal standard mixture consisting of bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d_5.

The purge and trap unit consisted of: A Tekmar concentrator (3000 series) equipped with an Archon autosampler (Dynateck Corp.) and a VOCARB 3000 trap (Supelco).

The purge and trap instrument conditions were:

Purge	10 min at 35° C
Dry Purge	2 min at 35° C
Desorb Preheat	245° C
Desorb	4 min at 250° C
Purge Flow Rate	40 mL/min
Bake	10 min at 260° C

A Hewlett Packard 5973 GC/MSD equipped with an HP Chem Station data system was used to analyze the data.

The instrument conditions were:

Column:	30 meter x 0.25 mm ID, RTx-Volatiles (Restek Corp.) column with 3.0 µm film thickness.
Temperature:	4 min at 40° C 9° C/min to 165° C, hold for 2 min. 12° C/min to 220° C, hold for 7 min.
Flow Rate	Helium at 1.0 mL/min.
Mass Spectrometer:	Electron Impact Ionization at a nominal electron energy of 70 electron volts, scanning from 35-350 amu at one scan/sec.

Computer: Preprogrammed to plot Extracted Ion Current Profile (EICP); capable of integrating ions and plotting abundances vs time or scan number. A library search (NIST-98) for tentatively identified compounds was performed on samples.

The GC/MS system was calibrated using 6 VOC standards at 5, 20, 50, 100, 150, and 200 µg/L. (Exception was acetone, calibrated using 5 VOC standards-20, 50, 100, 150 and 200 µg/L) Before analysis each day, the system was tuned with 50-ng BFB and passed a continuing calibration check when analyzing a 50 µg/L standard mixture in which the responses were evaluated by comparison to the average responses of the calibration curve.

The results are in Table 1.1; the tentatively identified compounds are listed in Table 1.2.

R2-0024494

The concentrations of the analytes were calculated using the following equation:

$$C_u = \frac{A_x \times I_{is} \times D}{A_{is} \times RF \text{ (or } RF_{ave})}$$

where

C_u	= Concentration of target analyte (µg/L)
A_x	= Area of the target analyte
I_{is}	= Concentration of specific internal standard (µg/L)
A_{is}	= Area of the specific internal standard
RF	= Response Factor
RF_{ave}	= average Response Factor
D	= Dilution factor

The average Response Factor is used when a sample is associated with an initial calibration curve. The Response Factor is used when a sample is associated with a continuing calibration curve.

Response Factor calculation:

The response factor (RF) for each specific analyte is quantitated based on the area response from the continuing calibration check as follows:

$$RF = \frac{A_c \times I_{is}'}{A_{is}' \times I_c}$$

where,

RF	= Response factor for a specific analyte
A_c	= Area of the analyte in the standard
I_{is}'	= Concentration of the specific internal standard
A_{is}'	= Area of the specific internal standard
I_c	= Concentration of the analyte in the standard

$$RF_{ave} = \frac{RF_1 + \ldots + RF_n}{n}$$

and

n = number of Samples

Revision of 01/21/04

R2-0024495

Table 1.1 Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0007		0-024-0001		0-024-0002		0-024-0003	
Location :	070904-1		TB		EPA-3(RB)		EPA-3(D3)		EPA-3(D2)	
File :	AV8358.D		AV8359.D		AV8360.D		AV8361.D		AV8362.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	5.2 J	8.0	U	52	U	52	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	7.4	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	3.7	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.1	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0004		0-024-0005		0-024-0006	
Location :	070904-1		EPA-3(D1)		EPA-3(I1)		EPA-3(QA-MP)	
File :	AV8358.D		AV8363.D		AV8364.D		AV8365.D	
Dil. Fact. :	1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	5.2 J	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0036		0-024-0014		0-024-0015		0-024-0016	
Location :	071204-1		TB		EPA-10(D1)		EPA-10(RB)		EPA-10(i2)	
File :	AV8374.D		AV8375.D		AV8376.D		AV8377.D		AV8378.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	4.4 J	8.0	U	8.0	U	44	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	3.7	1.0	U	1.0	U	19	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	2.4	1.0	U	1.0	U	12	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	1.0	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0017		0-024-0018		0-024-0019		0-024-0025	
Location :	071204-1		EPA-10(i1)		EPA-10(S3)		EPA-10(QA-MP)		EPA-8(D2)	
File :	AV8374.D		AV8379.D		AV8380.D		AV8381.D		AV8382.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	44	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0029		0-024-0030		0-024-0031		0-024-0032	
Location :	071304-2		EPA-8(D1b)		EPA-8(D1a)		EPA-8(RB)		EPA-8(I2)	
File :	AV8395.D		AV8396.D		AV8397.D		AV8398.D		AV8399.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	44	U	44
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	19	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	12	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0033		0-024-0034		0-024-0035		0-024-0008	
Location :	071304-2		EPA-8(i1)		EPA-8(S1)		EPA-8(MP)		EPA-6(D3)	
File :	AV8395.D		AV8400.D		AV8401.D		AV8402.D		AV8403.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0021		0-024-0013	
Location :	071304-2		EPA-8(D3)		EPA-10(D2)	
File :	AV8395.D		AV8404.D		AV8405.D	
Dil. Fact. :	1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0009		0-024-0010		0-024-0011		0-024-0012	
Location :	071204-1		EPA-6(D2)		EPA-6(D1)		EPA-6(i2)		EPA-10(D3)	
File :	BV9019.D		BV9020.D		BV9021.D		BV9022.D		BV9023.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	19	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0047		0-024-0038		0-024-0039		0-024-0040	
Location :	071404-2		TB		CY204(PPD1B)		CY204(D1A)		CY204(i2)	
File :	AV8418.D		AV8419.D		AV8420.D		AV8421.D		AV8422.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	3.0 J	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	7.2	1.0	4.9	1.0	5.7	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	450	1.0	390	1.0	490	1.0
Chloroform	U	1.0	6.3	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	36	1	23	1	28	1
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	3.4	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.1	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	1.1	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0041		0-024-0042		0-024-0043		0-024-0044	
Location :	071404-2		CY204(S1)		CY205(QA-RB)		CY205(PPD1B)		CY205(D1A)	
File :	AV8418.D		AV8423.D		AV8424.D		AV8425.D		AV8426.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	30	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	4.3	1.0	6.4	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	5.7	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	2.0	1.0	U	1.0	350	1.0	560	1.0
Chloroform	U	1.0	U	1.0	U	32	U	32	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	22	1.0	36	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	17	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0045		0-024-0046	
Location :	071404-2		CY205(D1A dup)		CY205(i2B)	
File :	AV8418.D		AV8427.D		AV8428.D	
Dil. Fact. :	1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	6.8	1.0	5.7	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	540	1.0	490	1.0
Chloroform	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	36	1.0	31	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank	0-024-0058
Location :	071504-2	TB
File :	AV8445.D	AV8453.D
Dil. Fact. :	1	1

Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0
Acetone	U	8.0	4.9 J	8.0
1,1-Dichloroethene	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0
Chloroform	U	1.0	4.8	1.0
1,1-Dichloropropene	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0
Benzene	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0
Bromodichloromethane	U	1.0	2.9	1.0
Dibromomethane	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0
Toluene	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0
Styrene	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0056		0-024-0048		0-024-0049	
Location :	071604-2		EPA-7(QA-RB)		EPA-7(QA-MP)		EPA-7(D3)	
File :	AV8460.D		AV8461.D		AV8462.D		AV8463.D	
Dil. Fact. :	1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	49	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	1.5	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	24	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	15	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0051		0-024-0052		0-024-0053		0-024-0054	
Location :	071604-2		EPA-7(D2)		EPA-7(D1)		EPA-7(i2)		EPA-7(i1)	
File :	AV8460.D		AV8465.D		AV8466.D		AV8467.D		AV8468.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0055		0-024-0057		27030		0-024-0068	
Location :	071604-2		EPA-7(S1)		EPA-6(QA-MP)		Cayuga County Lake,#2		TB	
File :	AV8460.D		AV8469.D		AV8470.D		AV8471.D		AV8472.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	2.9 J	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	6.1	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	3.2	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0067		0-024-0060	
Location :	071604-2		EPA-4(QA-MP)		EPA-4(QA-RB)	
File :	AV8460.D		AV8473.D		AV8474.D	
Dil. Fact. :	1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	29
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	3.0	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	31
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	16
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0061		0-024-0063		0-024-0064		0-024-0065	
Location :	071904-1		EPA-4(D3)		EPA-4(D2)		EPA-4(D1)		EPA-4(I2)	
File :	AV8479.D		AV8480.D		AV8481.D		AV8482.D		AV8483.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0066		0-024-0069		0-024-0070		0-024-0073	
Location :	071904-1		EPA-4(S1)		EPA-2(QA-RB)		EPA-2(D3)		EPA-2(D1)	
File :	AV8479.D		AV8484.D		AV8485.D		AV8486.D		AV8488.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	3.8 J	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	2.4	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	140	1.0	51	1.0
Chloroform	U	1.0	U	1.0	U	34	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	8.7	1.0	2.6	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	18	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank		0-024-0074		0-024-0076		0-024-0079		0-024-0080	
Location :	071904-1		EPA-2(i2)		EPA-1(D3)		EPA-1(D1)		EPA-1(S3)	
File :	AV8479.D		AV8489.D		AV8491.D		AV8493.D		AV8494.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	6.3	1.0	94	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	8.1	1.0	23	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	640	1.0	1700	1.0	3.6	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	41	1.0	1.1	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0062		0-024-0071		0-024-0050		0-024-0081	
Location :	072004-2		EPA-4(D3-DUP)		EPA-2(D-3)dup		EPA-7(D3 dup)		EPA-1(S2)	
File :	AV8501.D		AV8502.D		AV8503.D		AV8505.D		AV8506.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	2.3	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	190	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	8.8	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0097		0-024-0083		0-024-0084		0-024-0085	
Location :	072004-4		TB		EPA-1(QA-RB)		EPA-5(QA-RB)		EPA-5(D3)	
File :	AV8521.D		AV8522.D		AV8523.D		AV8524.D		AV8525.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	2.7 J	8.0	2.8 J	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	6.8	1.0	U	34	U	34	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	3.5	1.0	U	18	U	18	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.0	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0086		0-024-0087		0-024-0088		0-024-0089	
Location :	072004-4		EPA-5(D3)dup		EPA-5(D2)		EPA-5(D1)		EPA-5(QA-MP)	
File :	AV8521.D		AV8526.D		AV8527.D		AV8528.D		AV8529.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	34
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0090		0-024-0092		0-024-0093		0-024-0094	
Location :	072004-4		EPA-9(D3)		EPA-9(D2)		EPA-9(D1)		EPA-9(i2)	
File :	AV8521.D		AV8530.D		AV8531.D		AV8532.D		AV8533.D	
Dil. Fact. :	1		1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	2.5	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0095		0-024-0096	
Location :	072004-4		EPA-9(i1)		EPA-9(QA-MP)	
File :	AV8521.D		AV8534.D		AV8535.D	
Dil. Fact. :	1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	4.3 J	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water blank		0-024-0091		0-024-0077		0-024-0082	
Location :	072104-1		EPA-9(D3-dup)		EPA-1(D3)dup		EPA-1(QA-MP)	
File :	AV8540.D		AV8544.D		AV8545.D		AV8546.D	
Dil. Fact. :	1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	99	1.0	21	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	2.0	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	24	1.0	2.5	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	1800	1.0	320	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	1.2	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga Westbay Sampling Site

Sample # :	Water Blank		0-024-0072		0-024-0075		0-024-0078	
Location :	071904-1		EPA-2(D2)		EPA-2(QA-MP)		EPA-1(D2)	
File :	AV8479.D		AV8487.D		AV8490.D		AV8492.D	
Dil. Fact. :	1		1		1		1	
Analyte	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L	Conc. µg/L	MDL µg/L
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	1.9	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	2.0	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	22	1.0	180	1.0	10	1.0
Chloroform	U	1.0	U	1.0	U	34	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	1.4	1.0	12	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.2 Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID	Compound
Water Blank 070904-1	No TICs Found
0-024-0002	No TICs Found
0-024-0003	No TICs Found
0-024-0004	No TICs Found
0-024-0005	No TICs Found
0-024-0006	No TICs Found
Water Blank 071204-1	No TICs Found
0-024-0036	No TICs Found
0-024-0014	No TICs Found
0-024-0016	No TICs Found
0-024-0017	No TICs Found
0-024-0018	No TICs Found
0-024-0019	No TICs Found
0-024-0025	No TICs Found
Water Blank 071304-2	No TICs Found
0-024-0029	No TICs Found
0-024-0030	No TICs Found
0-024-0032	No TICs Found
0-024-0033	No TICs Found
0-024-0034	No TICs Found
0-024-0035	No TICs Found
0-024-0008	No TICs Found
0-024-0021	No TICs Found
0-024-0013	No TICs Found
0-024-0009	No TICs Found
0-024-0010	No TICs Found
0-024-0011	No TICs Found
0-024-0012	No TICs Found
Water Blank 071404-2	No TICs Found
0-024-0047	No TICs Found
0-024-0038	No TICs Found
0-024-0039	No TICs Found
0-024-0040	No TICs Found
0-024-0041	No TICs Found
0-024-0042	No TICs Found
0-024-0043	No TICs Found
0-024-0044	No TICs Found
0-024-0045	No TICs Found
0-024-0046	No TICs Found
Water Blank 071504-2	No TICs Found
Water Blank 071604-2	No TICs Found
0-024-0056	No TICs Found
0-024-0048	No TICs Found
0-024-0049	No TICs Found
0-024-0051	No TICs Found
0-024-0052	No TICs Found
0-024-0053	No TICs Found

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID	Compound
0-024-0054	No TICs Found
0-024-0055	No TICs Found
0-024-0057	No TICs Found
27030	No TICs Found
0-024-0067	No TICs Found
0-024-0060	No TICs Found
Water Blank 071904-1	No TICs Found
0-024-0061	No TICs Found
0-024-0063	No TICs Found
0-024-0064	No TICs Found
0-024-0065	No TICs Found
0-024-0066	No TICs Found
0-024-0069	No TICs Found
0-024-0070	No TICs Found
0-024-0072	No TICs Found
0-024-0073	No TICs Found
0-024-0074	No TICs Found
0-024-0075	No TICs Found
0-024-0076	No TICs Found
0-024-0078	No TICs Found
0-024-0079	No TICs Found
0-024-0080	No TICs Found
Water Blank 072004-2	No TICs Found
0-024-0062	No TICs Found
0-024-0071	No TICs Found
0-024-0050	No TICs Found
0-024-0081	No TICs Found
Water Blank 072004-4	No TICs Found
0-024-0097	No TICs Found
0-024-0083	No TICs Found
0-024-0084	No TICs Found
0-024-0085	No TICs Found
0-024-0086	No TICs Found
0-024-0087	No TICs Found
0-024-0088	No TICs Found
0-024-0089	No TICs Found
0-024-0090	No TICs Found
0-024-0092	No TICs Found
0-024-0093	No TICs Found
0-024-0094	No TICs Found
0-024-0095	No TICs Found
0-024-0096	No TICs Found
Water Blank 072104-1	No TICs Found
0-024-0091	No TICs Found
0-024-0077	No TICs Found
0-024-0082	No TICs Found

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0007	Unit	µg/L
LabFile	AV8359	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.35	17

*Estimated Concentration (Response Factor = 1.0)

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0001	Unit	µg/L
LabFile	AV8360	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.35	11

*Estimated Concentration (Response Factor = 1.0)

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0015	Unit	µg/L
LabFile	AV8377	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.35	7.6

*Estimated Concentration (Response Factor = 1.0)

R2-0024526

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0031	Unit	µg/L
LabFile	AV8398	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.35	5.3

*Estimated Concentration (Response Factor = 1.0)

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	Water Blank 071204-1	Unit	µg/L
LabFile	BV9019	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		Sulfur dioxide		5.41	7.5

*Estimated Concentration (Response Factor = 1.0)

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0058	Unit	µg/L
LabFile	AV8453	Con. Factor	1.0

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.35	6.3

*Estimated Concentration (Response Factor = 1.0)

Table 1.2 (cont.) Results of TIC for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample	0-024-0068	Unit	µg/L
LabFile	AV8472	Con. Factor	1

	CAS#	Compound	Q	RT	Conc
1		C4H10 Alkane		2.36	5.7

*Estimated Concentration (Response Factor = 1.0)

R2-0024530

Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water

Each sample was spiked with a three component mixture of CLP surrogate standards consisting of toluene-d_8, 4-bromofluorobenzene and 1,2-dichloroethane-d_4. The surrogate percent recoveries, listed in Table 2.1, ranged from 88 to 113. All four hundred and two values were within the acceptable QC limits. The internal standard areas (for bromochloromethane, 1,4-difluoro-benzene, and chlorobenzene-d_5) are also listed in Table 2.1. All four hundred and two areas are within the acceptable QC limits.

Results of the MS/MSD Percent Recoveries for VOC in Water

Samples 0-024-0002, 0-024-0003, 0- 024-0014, 0-024-0016, 0-024-0017, 0- 024-0062, 0-024-0050, 0-024-0071, 0- 024-0091 and 0-024-0077 were chosen for the matrix spike/matrix spike duplicate analysis (MS/MSD). The percent recoveries, listed in Table 2.2, ranged from 91 to 161 and all eighty-nine out of one hundred values are within the acceptable QC limits The relative percent differences, also listed in Table 2.2, ranged from 0 (zero) to 29 and forty-eight out of fifty values are within the acceptable QC limits.

R2-0024531

Table 2.1 Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
Cal Check Area	AV8357.D	183105	1356220	826570			
AV8358.D	Water Blank 070904-1	181993	1347298	778203	96	103	92
AV8359.D	0-024-0007	172805	1305637	761840	98	103	92
AV8360.D	0-024-0001	167349	1268796	745471	99	102	90
AV8361.D	0-024-0002	169378	1255948	736034	99	103	91
AV8362.D	0-024-0003	166283	1238135	726911	99	103	91
AV8363.D	0-024-0004	162495	1228034	719005	100	103	91
AV8364.D	0-024-0005	162216	1227153	719667	100	103	90
AV8365.D	0-024-0006	163205	1212004	712084	100	103	90
AV8366.D	0-024-0002 ms	163254	1262101	736292	101	100	88
AV8367.D	0-024-0002 msd	162376	1263921	731467	103	101	89
AV8368.D	0-024-0003 ms	159534	1246071	728309	102	100	88
AV8369.D	0-024-0003 msd	162671	1250582	729172	103	100	89
Cal Check Area	AV8373.D	180492	1374320	855937			
AV8374.D	Water Blank 071204-1	179467	1340599	769141	97	107	97
AV8375.D	0-024-0036	170773	1262139	740806	99	106	95
AV8376.D	0-024-0014	164876	1234625	726703	100	106	95
AV8377.D	0-024-0015	163793	1215964	716913	101	106	95
AV8378.D	0-024-0016	157555	1188780	708149	102	105	94
AV8379.D	0-024-0017	161465	1196880	711870	102	106	94
AV8380.D	0-024-0018	160451	1193040	706523	102	106	94
AV8381.D	0-024-0019	159428	1184238	707335	103	105	93
AV8382.D	0-024-0025	156669	1181154	695386	103	106	94
AV8383.D	0-024-0014 ms	155828	1241352	726370	103	104	92
AV8384.D	0-024-0014 msd	155588	1220928	716691	104	104	92
AV8385.D	0-024-0016 ms	154592	1230092	720321	104	104	92
AV8386.D	0-024-0016 msd	157779	1226441	721615	103	103	92
AV8387.D	0-024-0017 ms	154231	1222590	716526	104	103	92
AV8388.D	0-024-0017 msd	151583	1214428	715709	105	103	92
Cal Check Area	AV8393.D	166082	1260460	779641			
AV8395.D	Water Blank 071304-2	150975	1154560	687644	102	104	92
AV8396.D	0-024-0029	152414	1143429	678157	101	103	92
AV8397.D	0-024-0030	150960	1130875	677080	102	103	92
AV8398.D	0-024-0031	151026	1121755	676715	101	103	92
AV8399.D	0-024-0032	148191	1108998	673460	102	102	91
AV8400.D	0-024-0033	146558	1110312	665254	102	103	92
AV8401.D	0-024-0034	146652	1095064	665326	103	102	91
AV8402.D	0-024-0035	143697	1096971	660041	104	103	92
AV8403.D	0-024-0008	147943	1110230	663255	103	103	91
AV8404.D	0-024-0021	144824	1102203	662190	104	103	91
AV8405.D	0-024-0013	144523	1087753	657325	103	103	90

IS 1 =	Bromochloromethane	Surr. 1 =	1,2-Dichloroethane-d4	76 - 114
IS 2 =	1,4-Difluorobenzene	Surr. 2 =	Toluene-d8	88 - 110
IS 3 =	Chlorobenzene-d5	Surr. 3 =	p-Bromofluorobenzene	86 - 115

Table 2.1 (cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
Cal Check Area	BV9018.D	263380	2282560	1353560			
BV9019.D	Water Blank 071204-1	247218	2201376	1262429	101	103	92
BV9020.D	0-024-0009	242152	2158079	1243151	101	103	92
BV9021.D	0-024-0010	238968	2119362	1220011	101	103	92
BV9022.D	0-024-0011	234034	2111400	1221936	102	102	91
BV9023.D	0-024-0012	233852	2059322	1188073	103	103	92
Cal Check Area	AV8416.D	168677	1251440	767944			
AV8418.D	Water Blank 071404-2	156178	1181004	691880	100	103	92
AV8419.D	0-024-0047	155893	1156502	683848	99	103	93
AV8420.D	0-024-0038	159543	1160984	680085	98	104	92
AV8421.D	0-024-0039	160042	1146790	676869	96	104	92
AV8422.D	0-024-0040	157097	1142290	669472	97	104	91
AV8423.D	0-024-0041	148571	1107645	661715	99	103	91
AV8424.D	0-024-0042	151072	1116947	663783	99	103	92
AV8425.D	0-024-0043	156258	1131795	666586	98	104	92
AV8426.D	0-024-0044	156262	1122080	662997	98	103	92
AV8427.D	0-024-0045	154267	1124752	662880	99	103	91
AV8428.D	0-024-0046	156107	1111244	654962	99	104	92
Cal Check Area	AV8440.D	342768	2602530	1485200			
AV8445.D	Water Blank 071504-2	261243	1990302	1155084	108	101	93
AV8446.D	0-024-0038/10x	263705	1926826	1119342	106	101	93
AV8447.D	0-024-0039/10x	253389	1883121	1104994	108	101	92
AV8448.D	0-024-0040/10x	250951	1858649	1098242	108	101	92
AV8449.D	0-024-0043/10x	255168	1845340	1086705	109	102	91
AV8450.D	0-024-0044/10x	256917	1869454	1099886	109	101	91
AV8451.D	0-024-0045/10x	252569	1846269	1099437	110	101	91
AV8452.D	0-024-0046/10x	255235	1840761	1091888	110	102	91
AV8453.D	0-024-0058	244468	1809690	1076422	113	102	91

IS 1 =	Bromochloromethane	Surr. 1 =	1,2-Dichloroethane-d4	76 - 114
IS 2 =	1,4-Difluorobenzene	Surr. 2 =	Toluene-d8	88 - 110
IS 3 =	Chlorobenzene-d5	Surr. 3 =	p-Bromofluorobenzene	86 - 115

Table 2.1 (cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
Cal Check Area	AV8458.D	264611	1989660	1236400			
AV8460.D	Water Blank 071604-2	239595	1824221	1083644	100	103	92
AV8461.D	0-024-0056	240032	1796256	1068361	99	104	93
AV8462.D	0-024-0048	238413	1774237	1066191	100	104	92
AV8463.D	0-024-0049	239619	1778859	1058640	101	104	93
AV8465.D	0-024-0051	236118	1753728	1058389	101	103	91
AV8466.D	0-024-0052	234616	1781169	1063248	101	103	92
AV8467.D	0-024-0053	235573	1774202	1063910	102	103	92
AV8468.D	0-024-0054	237288	1774328	1069615	100	104	92
AV8469.D	0-024-0055	236500	1782259	1066772	102	104	92
AV8470.D	0-024-0057	235500	1767471	1067839	101	103	92
AV8471.D	27030	233618	1781335	1062319	101	104	92
AV8472.D	0-024-0068	238215	1782210	1070574	99	103	92
AV8473.D	0-024-0067	236215	1773386	1063098	101	104	92
AV8474.D	0-024-0060	236086	1768647	1062929	98	104	92
Cal Check Area	AV8478.D	274024	2060760	1283720			
AV8479.D	Water Blank 071904-1	260820	1981295	1167775	101	103	92
AV8480.D	0-024-0061	251884	1923529	1145088	101	103	91
AV8481.D	0-024-0063	240554	1859675	1117626	102	102	90
AV8482.D	0-024-0064	240264	1857325	1111971	102	103	90
AV8483.D	0-024-0065	240672	1843949	1110375	100	103	91
AV8484.D	0-024-0066	241870	1843265	1101082	100	104	90
AV8485.D	0-024-0069	240684	1846269	1111402	99	103	91
AV8486.D	0-024-0070	254693	1870254	1117728	97	103	90
AV8487.D	0-024-0072	252204	1859638	1111962	97	103	90
AV8488.D	0-024-0073	249199	1859389	1103165	97	103	90
AV8489.D	0-024-0074	251578	1864632	1106675	98	104	90
AV8490.D	0-024-0075	252351	1851161	1106075	97	104	90
AV8491.D	0-024-0076	254970	1878045	1104300	98	104	91
AV8492.D	0-024-0078	251256	1846563	1107695	97	102	89
AV8493.D	0-024-0079	240774	1822783	1093771	99	103	89
AV8494.D	0-024-0080	237857	1810649	1084426	100	103	89

IS 1 =	Bromochloromethane	Surr. 1 =	1,2-Dichloroethane-d4	76 - 114
IS 2 =	1,4-Difluorobenzene	Surr. 2 =	Toluene-d8	88 - 110
IS 3 =	Chlorobenzene-d5	Surr. 3 =	p-Bromofluorobenzene	86 - 115

Table 2.1 (cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
Cal Check Area	AV8499.D	261740	2014300	1248730			
AV8501.D	Water blank 072004-2	234666	1830243	1087133	101	103	93
AV8502.D	0-024-0062	233483	1806712	1082840	100	102	93
AV8503.D	0-024-0071	244538	1814292	1088053	97	103	93
AV8505.D	0-024-0050	234282	1784775	1076301	99	102	93
AV8506.D	0-024-0081	236046	1790877	1077600	100	103	93
AV8508.D	0-024-0062 ms	233956	1874465	1108592	102	101	92
AV8509.D	0-024-0062 msd	230723	1870532	1107095	102	101	92
AV8510.D	0-024-0050 ms	234841	1891257	1114659	102	101	91
AV8511.D	0-024-0050 msd	232123	1858919	1097077	102	102	93
AV8512.D	0-024-0071 ms	245729	1869682	1107628	99	101	92
AV8513.D	0-024-0071 msd	246832	1859519	1100472	99	102	92
AV8514.D	0-024-0070/2x	241396	1768477	1060308	97	103	92
AV8515.D	0-024-0074/10x	238408	1769941	1050234	99	104	94
Cal Check Area	AV8519.D	230042	1668290	1016970			
AV8521.D	Water blank 072004-4	213057	1571542	903927	100	104	93
AV8522.D	0-024-0097	207107	1541882	891554	99	105	93
AV8523.D	0-024-0083	206085	1533357	884668	100	105	93
AV8524.D	0-024-0084	207480	1527260	881956	98	105	93
AV8525.D	0-024-0085	201915	1502252	873465	99	105	93
AV8526.D	0-024-0086	204599	1496565	875003	99	104	93
AV8527.D	0-024-0087	206735	1505007	874139	100	105	92
AV8528.D	0-024-0088	203367	1489880	871844	99	104	91
AV8529.D	0-024-0089	201077	1475819	858965	99	105	93
AV8530.D	0-024-0090	204338	1486050	864541	99	105	92
AV8531.D	0-024-0092	201179	1470506	857409	99	104	92
AV8532.D	0-024-0093	202680	1476004	854216	100	105	93
AV8533.D	0-024-0094	196265	1472144	853188	100	105	93
AV8534.D	0-024-0095	201210	1474072	860235	99	105	94
AV8535.D	0-024-0096	201561	1471352	851363	99	105	93
Cal Check Area	AV8539.D	271791	1955790	1191180			
AV8540.D	Water blank 072104-1	257186	1873639	1081432	102	103	94
AV8544.D	0-024-0091	236987	1701896	995615	105	103	93
AV8545.D	0-024-0077	255230	1762266	1010141	102	103	93
AV8546.D	0-024-0082	251669	1709645	987893	102	104	94
AV8547.D	0-024-0077/20x	245348	1691278	983930	103	103	93
AV8548.D	0-024-0082/5x	247262	1732792	1004065	103	103	93
AV8549.D	0-024-0076/20x	245092	1701803	982971	102	104	94
AV8550.D	0-024-0091 ms	240730	1793308	1027050	104	102	92
AV8551.D	0-024-0091 msd	242838	1845511	1054887	102	102	91
AV8552.D	0-024-0077 ms	258722	1899461	1073866	98	103	92
AV8553.D	0-024-0077 msd	259035	1891861	1076651	99	102	92

IS 1 =	Bromochloromethane	Surr. 1 =	1,2-Dichloroethane-d4	76 - 114
IS 2 =	1,4-Difluorobenzene	Surr. 2 =	Toluene-d8	88 - 110
IS 3 =	Chlorobenzene-d5	Surr. 3 =	p-Bromofluorobenzene	86 - 115

Table 2.2 Results of the MS/MSD Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: 0-024-0002

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	66.6	70.6	133	141	6	14	61 - 145
Benzene	U	50.0	50.0	47.3	48.2	95	96	2	11	76 - 127
Trichloroethene	U	50.0	50.0	45.3	47.3	91	95	4	14	71 - 120
Toluene	U	50.0	50.0	52.0	53.6	104	107	3	13	76 - 125
Chlorobenzene	U	50.0	50.0	52.0	52.5	104	105	1	13	75 - 130

Sample ID: 0-024-0003

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	72.6	71.5	145	143	2	14	61 - 145
Benzene	U	50.0	50.0	49.1	49.3	98	99	0	11	76 - 127
Trichloroethene	U	50.0	50.0	47.8	48.0	96	96	1	14	71 - 120
Toluene	U	50.0	50.0	53.7	54.1	107	108	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	52.6	53.0	105	106	1	13	75 - 130

Sample ID: 0-024-0014

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	59.7	61.5	119	123	3	14	61 - 145
Benzene	U	50.0	50.0	54.7	55.8	109	112	2	11	76 - 127
Trichloroethene	U	50.0	50.0	53.0	54.1	106	108	2	14	71 - 120
Toluene	U	50.0	50.0	61.7	62.5	123	125	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	60.2	60.9	120	122	1	13	75 - 130

R2-0024536

Table 2.2 (cont.) Results of the MS/MSD Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: 0-024-0016

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	64.3	62.0	129	124	4	14	61 - 145
Benzene	U	50.0	50.0	56.7	57.1	113	114	1	11	76 - 127
Trichloroethene	U	50.0	50.0	55.1	55.1	110	110	0	14	71 - 120
Toluene	U	50.0	50.0	63.4	63.5	127 *	127 *	0	13	76 - 125
Chlorobenzene	U	50.0	50.0	61.5	61.7	123	123	0	13	75 - 130

Sample ID: 0-024-0017

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	63.0	49.7	126	100	24 *	14	61 - 145
Benzene	U	50.0	50.0	56.0	56.1	112	112	0	11	76 - 127
Trichloroethene	U	50.0	50.0	54.2	54.2	108	108	0	14	71 - 120
Toluene	U	50.0	50.0	63.2	62.8	126 *	126 *	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	61.3	61.1	123	122	0	13	75 - 130

Sample ID: 0-024-0062

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	80.5	79.0	161 *	158 *	2	14	61 - 145
Benzene	U	50.0	50.0	53.7	52.8	107	106	2	11	76 - 127
Trichloroethene	U	50.0	50.0	56.2	54.6	112	109	3	14	71 - 120
Toluene	U	50.0	50.0	60.5	59.2	121	118	2	13	76 - 125
Chlorobenzene	U	50.0	50.0	58.9	58.0	118	116	2	13	75 - 130

Table 2.2 (cont.) Results of the MS/MSD Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: 0-024-0050

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.		MSD % Rec.		RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	73.7	75.2	147	*	150	*	2	14	61 - 145
Benzene	U	50.0	50.0	52.1	53.6	104		107		3	11	76 - 127
Trichloroethene	U	50.0	50.0	54.1	55.6	108		111		3	14	71 - 120
Toluene	U	50.0	50.0	58.7	60.4	117		121		3	13	76 - 125
Chlorobenzene	U	50.0	50.0	57.0	58.9	114		118		3	13	75 - 130

Sample ID: 0-024-0071

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.		MSD % Rec.		RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	76.3	73.6	153	*	147	*	4	14	61 - 145
Benzene	U	50.0	50.0	53.3	52.9	107		106		1	11	76 - 127
Trichloroethene	8.8	50.0	50.0	65.8	63.4	114		109		4	14	71 - 120
Toluene	U	50.0	50.0	60.0	59.1	120		118		2	13	76 - 125
Chlorobenzene	U	50.0	50.0	58.0	57.4	116		115		1	13	75 - 130

Sample ID: 0-024-0091

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.		MSD % Rec.		RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	80.6	60.2	161	*	120		29	* 14	61 - 145
Benzene	U	50.0	50.0	51.2	51.6	102		103		1	11	76 - 127
Trichloroethene	U	50.0	50.0	51.9	52.5	104		105		1	14	71 - 120
Toluene	U	50.0	50.0	57.6	57.9	115		116		1	13	76 - 125
Chlorobenzene	U	50.0	50.0	56.6	56.7	113		113		0	13	75 - 130

Sample ID: 0-024-0077

Compound Name	Sample Conc. µg/L	MS Spike Added µg/L	MSD Spike Added µg/L	MS Conc. µg/L	MSD Conc. µg/L	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	2	50	50	56.6	57.7	109	111	2	14	61 - 145
Benzene	U	50	50	50.1	51	100	102	2	11	76 - 127
Trichloroethene	1.2	50	50	52	52.9	102	103	2	14	71 - 120
Toluene	U	50	50	56.1	56.9	112	114	2	13	76 - 125
Chlorobenzene	U	50	50	55	55.6	110	111	1	13	75 - 130

R2-0024538

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ KW
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: K. Woodruff Phone: 609 865-9317

0-024-0001
No: ~~14919~~ KW
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

7/9/04

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOA				
292	0-024-0001	EPA-3 (RB)	GW	7/7/04	3	40 ml vial/cool					
293	0- -0002	EPA-3 (D3)	GW								
294	0- -0003	EPA-3 (D2)	GW								
295	0- -0004	EPA-3 (D1)	GW								
296	0- -0005	EPA-3 (I1)	GW								
297	0- -0006	EPA-3 (QA-MP)	GW								
298	0- -0007	~~EPA-3~~ TB KW	W								

KW

KW

050

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

GW = ground water

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analysis	K. Woodruff	7/7/04	[illegible]	7/9/04	[illegible]	[illegible]	[illegible]	7/9/04	[illegible]	7-9-04	10:00

002-DAR-09/15/04

R2-0024539

REAC, Edison
(732) 321-4200
EPA ~~Contract 68-C99-223~~ EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: K. Woodruff Phone: 609 865-9317

No: ~~14221~~ 0-024-0002 02
Sheet 01 of ~~01~~ (Do not copy)
(for addnl. samples use new form)

7/12/04

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0309	0-024-0008	EPA-6 (D3)	GW	7/8/04	3	40 ml vial/4°C	X				
0310	09	EPA-6 (D2)					X				
0311	10	EPA-6 (D1)					X				
0312	11	EPA-6 (i2)					X				
0313	12	EPA-10 (D3)					X				
0314	13	EPA-10 (D2)					X				
0315	14	EPA-10 (D1)					X				
0316	15	EPA-10 (RB)	W				X				
0317	16	EPA-10 (i2)	GW				X				
0318	17	EPA-10 (i1)					X				
0319	18	EPA-10 (S3)					X				
0320	19	EPA-10 (Q4-MP)					X				
	20	EPA-6 (i2									
0321	0-024-0021	EPA-8 (D3)	GW	7/9/04	3	40 ml vial/4°C	X				
0322	25	EPA-8 (D2)					X				
0324	29	EPA-8 (D1b)					X				
0325	30	EPA-8 (D1a)					X				
0326	31	EPA-8 (RB)					X				
0327	32	EPA-8 (I2)					X				

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

N.B.
Two Sets of 0008 — full (6 vials)
no sets of 0021 — full

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analyses	K. Woodruff	7/11/04	R. Woods	7/11/04	1400
all/analyses	R. Woods	7/11/04	[illegible]	7/11/04	[illegible]

Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analyses	[illegible]	7/12	M. Nemec	7-12-04	1630

0024-DAR-09/15/04

R2-0024540

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ NW
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: R. Woodruff Phone: ~~570 288-1~~ 609 865-9317

0-024-0002
No: ~~14922~~ NW 02
Sheet ~~01~~ of ~~01~~ 02 (Do not copy)
(for addnl. samples use new form)

7/12/04

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0328	0-024-0033	EPA-8 (i1)	GW	7/9/04	3	40ml vial/cool	X				
0329	0-024-0034	EPA-8 (S1)	GW	7/9/04	3	↓	X				
0330	0-024-0035	EPA-8 (MP)	GW	7/9/04	3	↓	X				
0331	0-024-0036	TB	W	7/10/04	3	↓	X				

NW

NW

052

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all analysis	R. Woodruff	7/12/04	[illegible]	7/12/04	1400	all/cool	[illegible]	7/12/04	[illegible]	7-12-04	1830

024-DAR-09/15/04

R2-0024541

REAC, Edison,
(732) 321-4200
EPA Contract ~~68-C99-223~~
EP-C-04-038

CHAIN OF CUST RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: R. Woodruff Phone: 609 865-9317

0-02 0004
No: ~~14920~~ KW
Sheet **01** of **01** (Do not copy)
(for addnl. samples use new form)

Sample Identification | **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0384	0-024-0038	CY 204 (PPD1B)	GW	7/12/2004	3	40 ml vial / 4°C					
0385	0039	CY 204 (D1A)									
0386	0040	CY 204 (i2)									
0387	0041	CY 204 (S1)									
0388	0042	CY 205 (QA-RB)	W								
0389	0043	CY 205 (PPD1B)	GW								
0390	0044	CY 205 (D1A)									
0391	0045	CY 205 (D1A dup)									
0392	0046	CY 205 (i2B)									
0393	0047	TR									

KW

KW

053

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

RC

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analyses	R. Woodruff	12/13/04	[illegible]	7/13/04	1000	all/VOA	[illegible]	7/13/04	[illegible]	7/14/04	10:00

002-DAR-09/15/04

R2-0024542

CHAIN OF CUSTODY RECORD

No: 0-024-0005
Cooler #:
Lab:
Lab Phone:

REAC, Edison, NJ
EPA Contract #: EP-C-04-032

Site #: 024
Contact Name: R. Woodruff
Contact Phone: 609 865-9317

7/15/04

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
0343	0-024-0048	EPA-7(QA-MP)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0344	0-024-0049	EPA-7(D3)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0345	0-024-0050	EPA-7(D3 dup)	VOAs	Ground Water	7/13/2004	5	40 ml vial	4 C	Y
0346	0-024-0051	EPA-7(D2)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0347	0-024-0052	EPA-7(D1)	VOAs	ground water	7/13/2004	3	40 ml vial	4 C	
0348	0-024-0053	EPA-7(i2)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0349	0-024-0054	EPA-7(i1)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0350	0-024-0055	EPA-7(S1)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0351	0-024-0056	EPA-7(QA-RB)	VOAs	Water	7/13/2004	3	40 ml vial	4 C	

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	R. Woodruff	7/14/04	[illegible]	7/15/04	1:30	all/VOA	[illegible]	7/15/04	[illegible]	7-15-04	11:15

054

0024-DAR-09/15/04

CHAIN OF CUSTODY RECORD

No: 0-024-0005

REAC, Edison, NJ
EPA Contract #: EP-C-04-032

Site #: 024
Contact Name:
Contact Phone:

Cooler #:
Lab:
Lab Phone:

7/15/04

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
0352	0-024-0057	EPA-6(QA-MP)	VOAs	Ground Water	7/13/2004	3	40 ml vial	4 C	
0353	0-024-0058	TB	VOAs	Filtered Water	7/13/2004	3	40 ml vial	4 C	

AW

055

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	R. Woodhead	7/14/04	[signature]	7/15-04	1010	[signature]	[signature]	7/15/04	[signature]	7-15-04	11:15

0024-DAR-09/15/04

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ NW
EP-C-04-032

7/15/04

CHAIN OF CUSTODY RECORD

Project Name: Cayuga County
Project Number: VJ0-0240
LM Contact: Scott Grossman Phone: 732-321-4230

No: 14923
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0342	27030	Cayuga Lake, #2	W	7/13/04	3	40ml vial/cool	X				
				NW						NW	

056

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

0027-DAR-09/15/04

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analysis	K. Woodruff	7/14/04	[illegible]	7/15/04	1000	all/lab	[illegible]	7/15/04	J. Morris	7-15-04	1100

R2-0024545

REAC, Edison,
(732) 321-4200
EPA Contract ~~68-C99-223~~
(NW) EP-C-04-032

CHAIN OF CUST RECORD

Project Name: Cayuga Co. Wellhead Sampling
Project Number: 0024
LM Contact: K. Woodruff Phone: 609 865-9317

0006

No: ~~14524~~ NW
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

7/15/04

Sample Identification — **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs
0354	0-024-0060	EPA-4 (QA-RB)	W	7/14/04	3	40ml vial/4°C	
0355	- -0061	EPA-4 (D3)	GW		3		
0356	- -0062	EPA-4 (D3-DUP)			5 *		
0357	- -0063	EPA-4 (D2)			3		
0358	- -0064	EPA-4 (D1)			3		
0359	- -0065	EPA-4 (i2)			3		
0360	- -0066	EPA-4 (S1)			3		
0361	- -0067	EPA-4 (QA-MP)			3		
0362	- -0068	TB	W		3		

NW

057

HW

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

* MS/MSD

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

0024-DAR-09/15/04

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all analyses	K. Woodruff	7/15/04	[illegible]	7/15/04	0750	ALL/ANALYSIS	[illegible]	7/15/04	[illegible]	7/15/04	1610
all analyses	[illegible]	7/15/04	[illegible]	7-15-04	1600						

R2-0024546

CHAIN OF CUSTODY RECORD

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

No: 0-024-0007
Cooler #:
Lab: REAC
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
0380	0-024-0069	EPA-2(QA-RB)	VOAs	Rinsate Blank	7/15/2004	3	40 ml vial	4 C	
0381	0-024-0070	EPA-2(D3)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0382	0-024-0071	EPA-2(D-3)dup	VOAs	Ground Water	7/15/2004	5	40 ml vial	4 C	Y
0383	0-024-0072	EPA-2(D2)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0384	0-024-0073	EPA-2(D1)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0385	0-024-0074 RW	EPA-2(i2)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0386	0-024-0075 RW	EPA-2(QA-MP)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0387	0-024-0076 RW	EPA-1(D3)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0388	0-024-0077 RW	EPA-1(D3) dup	VOAs	Ground Water	7/15/2004	5	40 ml vial	4 C	y

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analysis	K. Woodruff	7/18/04	Charlie Ross	7/18/04	3:PM	analysis	Charlie Ross	7/19/04	[illegible]	7/19/04	[illegible]
all/analysis	[illegible]	7/19/04	[illegible]	7-19-04	10:15						

058

0024-DAR-09/15/04

R2-0024547

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

CHAIN OF CUSTODY RECORD
Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

No: 0-024-0007
Cooler #:
Lab: REAC
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
0389	0-024-0078	EPA-1(D2)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0390	0-024-0079	EPA-1(D1)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0391	0-024-0080	EPA-1(S3)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0392	0-024-0081	EPA-1(S2)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	
0393	0-024-0082	EPA-1(QA-MP)	VOAs	Ground Water	7/15/2004	3	40 ml vial	4 C	

059

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	7/18/04	[illegible]	7/18/04	3:PM	[illegible]	[illegible]	7/19/04	[illegible]	7/19/04	[illegible]
[illegible]	[illegible]	7/19/04	[illegible]	7-19-04	10:15						

0024-DAR-09/15/04

R2-0024548

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: K Woodruff Phone: 609 865-9317

No: 0-024-0008
Sheet **01** of **01** (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0373	0-024-0083	EPA-1 (QA-RB)	W	7/15/04	3	Hcl vial/4°C	X				
0374	- -0084	EPA-5 (QA-RB)	W	7/16/04	3		X				
0375	- -0085	EPA-5 (D3)	GW		3		X				
0376	- -0086	EPA-5 (D3) dup	GW		3		X				
0377	- -0087	EPA-5 (D2)	GW		3		X				
0378	- -0088	EPA-5 (D1)	GW		3		X				
0379	- -0089	EPA-5 (QA-MP)	GW		3		X				
~~0380~~											

KW

KW

060

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all samples	K Woodruff	7/18/04	Mark Thomas	7/18/04	3:00pm	none	Mark Thomas	7/19/04	[illegible]	[illegible]	[illegible]
all samples	[illegible]	7/19/04	M. Menus	7-19-04	10:00						

0024-DAR-09/15/04

R2-0024549

REAC, Edison
(732) 321-4200
EPA Contract ~~68-C99-223~~ KW
EP-C-04-032

CHAIN OF CUST RECORD

Project Name: Cayuga Co. Westbay Sampling
Project Number: 0-024
LM Contact: K Woodruff Phone: 609 865-9317

0-0 -0009
No: ~~14926~~ KW
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

7/20/04

Sample Identification | **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOAs				
0394	0-024-0090	EPA-9(D3)	GW	7/19/04	3	40ml vial/4°C	X				
0395	- -0091	EPA-9(D3-dup)	GW		5 *		X				
0396	- -0092	EPA-9(D2)	GW		3		X				
0397	- -0093	EPA-9(D1)	GW		3		X				
0398	- -0094	EPA-9(i2)	GW		3		X				
0399	- -0095	EPA-9(i1)	GW		3		X				
0400	- -0096	EPA-9(QA-MP)	GW		3		X				
0401	- -0097	TB	W		3		X				

KW

R.W.

061

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

* MS/MSD

(40)

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analyses	K Woodruff	7/20/04	[illegible]	7/20/04	1154	all/VOA	[illegible]	7/20/04	[illegible]	7/20/04	1400

0024-CAR-09/15/04

R2-0024550

APPENDIX B
FINAL ANALYTICAL REPORT FOR OCTOBER 2004 SAMPLING EVENT
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

0024-DSR-033006

ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Cayuga County Westbay
Cayuga County, NY

December 2004

EPA Work Assignment No. 0-024
LOCKHEED MARTIN Work Order EAC00024
EPA Contract No. EP-C-04-032

Submitted to
D. Bussey
EPA-ERT

K Woodruff 12/30/04
K. Woodruff Date
Task Leader

Vinod Kansal 1/3/05
V. Kansal Date
Analytical Section Leader

Donna Miller 1/11/05
D. Miller Date
Program Manager

Analysis by:
REAC

Prepared by:
J. Johnson

Reviewed by:
J. Soroka

0024-DAR-011105

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Appendix will be furnished on request.

Introduction

REAC in response to WA 0-024, provided analytical support for environmental samples collected from Cayuga County Westbay, located in Cayuga County, NY as described in the following table. The support also included QA/QC, data review, and preparation of an analytical report containing a summary of the analytical methods, the results, and the QA/QC results.

The samples were treated with procedures consistent with those specified in SOP #1008.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis	Laboratory	Data Package
0-024-0011	11	10/09/2004	10/12/2004	Water	VOC	REAC	N 315
0-024-0012	21	10/12/2004	10/14/2004				
0-024-0013	21	10/13/2004	10/15/2004				
0-024-0014	19	10/14/2004	10/15/2004				

Case Narrative

The data in this report have been validated to two significant figures. Any other representation of the data is the responsibility of the user. All data validation flags have been inserted into the results tables.

VOC in Water Package N 315

Samples 10203 and 10249 were not received at the laboratory for analysis. No results are available for these samples.

The trip blank sample 10227 contained acetone (1.2ug/L), chloroform (9.9ug/L), bromodichloromethane (3.9ug/L) and dibromochloromethane (1.1ug/L). Sample 10228 is considered non-detect for acetone, chloroform and bromodichloromethane.

The trip blank sample 0-024-0161 contained acetone (1.4ug/L), chloroform (7.1ug/L), and bromodichloromethane (2.9ug/L). Sample 27024 is considered non-detect for acetone, chloroform and bromodichloromethane. Samples 10223 and 10234 are considered non-detect for acetone.

The trip blank sample 0-024-216 contained acetone (2.2ug/L), chloroform (7.9ug/L), bromodichloromethane (4.0ug/L),and dibromochloromethane (1.3ug/L). Sample 0-024-0199 is considered non-detect for acetone, chloroform and bromodichloromethane.

The trip blank sample 27029 contained chloroform (9.3ug/L), bromodichloromethane (4.3ug/L), and dibromochloromethane (1.3ug/L). Sample 10290 is considered non-detect for chloroform and bromodichloromethane.

The rinsate blank sample 10228 contained 2-butanone (1.8ug/L). Data not affected, compound was not detected in the associated samples.

The rinsate blank sample 27024 contained 2-butanone (3.0ug/L). Data not affected, compound was not detected in the associated samples.

The rinsate blank sample 10290 contained acetone (2.0ug/L). Data not affected, compound was not detected in the associated samples or was >10x the blank contamination.

The rinsate blank sample 0-024-0199 contained 2-butanone (2.7ug/L). Data not affected, compound was not detected in the associated samples

In the initial calibration (B instrument) the average response factor (RF) was not met by 1,2-dibromo-3-chloropropane (0.049). The 1,2-dibromo-3-chloropropane results are rejected for the following samples: water blank 101304-1, 10227, 10228, 10194,10195, 10196, 10197, 10198, 10199, 10200, 10201, 10225, water blank 101404-2, 0-024-0161, 27024, 10202, 10214, 10215, 10216, 10217, 10218, 10219, 10220, 10222, water blank 101504-1, 10221, 10223, 10234, 10235, 10236, 10237, 10238, 10239, 10243, 10244, water blank 101804-1, 10280, 10281, 10290, 10291, 10292, 10302, and 10303.

The acceptable QC limits were exceeded for the relative response factor for 1,2-dibromo-3-chloropropane (0.045)in the continuing calibration check standard (BV9445). This compound was previously qualified as rejected for the associated samples by the initial calibration non-conformance.

The acceptable QC limits were exceeded for the relative response factor for 1,2-dibromo-3-chloropropane (0.047)in the continuing calibration check standard (BV9467). This compound was previously qualified as rejected for the associated samples by the initial calibration non-conformance.

The acceptable QC limits were exceeded for the relative response factor for 1,2-dibromo-3-chloropropane (0.047)in the continuing calibration check standard (BV9508). This compound was previously qualified as rejected for the associated samples by the initial calibration non-conformance.

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (38%) in the continuing calibration check standard of 10/13/04. This analyte was not detected in the associated samples. The data are not affected.

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (64%) in the continuing calibration check standard of 10/14/04. Vinyl chloride is estimated for samples: water blank 101404-2, 0-024-0161, 27024, 10202, 10214, 10215, 10216, 10217, 10218, 10219, 10220, and 10222.

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (68%) in the continuing calibration check standard of 10/15/04. Vinyl chloride is estimated for samples: water blank 101504-1,10221, 10223, 10234, 10235, 10236, 10237, 10238, 10239, 10243, and 10244.

The acceptable QC limits were exceeded for the percent difference for vinyl chloride (73%) and trichlorofluoromethane (55%) in the continuing calibration check standard of 10/18/04 (BV9508). Vinyl chloride and trichlorofluoromethane are estimated for samples: water blank 101804-1,10280, 10281, 10290, 10291, 10292, 10302 and 10303.

The acceptable QC limits were exceeded for the percent difference for acetone (49%) in the continuing calibration check standard of 10/16/04. This analyte was not detected in the associated samples. The data are not affected.

The acceptable QC limits were exceeded for the percent difference for dichlorodifluoromethane (30%), 2-butanone (27%),and 1,1, 2, 2-tetrachloroethane (26%) in the continuing calibration check standard of 10/18/04 (AV9029). These analytes were not detected in the associated samples. The data are not affected.

The acceptable QC limits were exceeded for the percent difference for dichlorodifluoromethane (36%) and acetone (48%) in the continuing calibration check standard of 10/19/04. Acetone is estimated in sample 10313.

Summary of Abbreviations

AA	Atomic Absorption
B	The analyte was found in the blank
BFB	Bromofluorobenzene
C	Centigrade
cont.	Continued
D	(Surrogate Table) this value is from a diluted sample and was not calculated (Result Table) this result was obtained from a diluted sample
Dioxin and/or PCDD and PCDF	denotes Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans
CLP	Contract Laboratory Protocol
COC	Chain of Custody
CONC	Concentration
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
DFTPP	Decafluorotriphenylphosphine
DL	Detection Limit
E	The value is greater than the highest linear standard and is estimated
EMPC	Estimated maximum possible concentration
ICAP	Inductively Coupled Argon Plasma
ISTD	Internal Standard
J	The value is below the method detection limit and is estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDL	Method Detection Limit
MI	Matrix Interference
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	either Not Applicable or Not Available
NC	Not Calculated
NR	Not Requested
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
PPB	Parts per billion
PPBV	Parts per billion by volume
PPMV	Parts per million by volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
R	The datum is rejected
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
U	Denotes not detected
W	Weathered analyte; Aroclor pattern displays a degradation of earlier eluting peaks

m^3	cubic meter	kg	kilogram	µg	microgram
L	liter	g	gram	pg	picogram
mL	milliliter	mg	milligram	ng	nanogram
µL	microliter				

* denotes a value that exceeds the acceptable QC limit

Abbreviations that are specific to a particular table are explained in footnotes on that table

Revision 11/18/04

R2-0024557

Analytical Procedure for VOC in Water

A modified 524.2 method for the analysis of Volatile Organic Compounds in water was used. Samples were purged, trapped, and desorbed to a GC/MS system. Prior to purging, the samples were spiked with a three component surrogate mixture consisting of toluene-d_8, 4-bromofluorobenzene and 1,2-dichloroethane-d_4 and a three component internal standard mixture consisting of bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d_5.

The purge and trap unit consisted of: A Tekmar concentrator (3000 series) equipped with an Archon autosampler (Dynateck Corp.) and a VOCARB 3000 trap (Supelco).

The purge and trap instrument conditions were:

Purge	10 min at 35° C
Dry Purge	2 min at 35° C
Desorb Preheat	245° C
Desorb	4 min at 250° C
Purge Flow Rate	40 mL/min
Bake	10 min at 260° C

A Hewlett Packard 5973 GC/MSD equipped with an HP Chem Station data system was used to analyze the data.

The instrument conditions were:

Column:	30 meter x 0.25 mm ID, RTx-Volatiles (Restek Corp.) column with 3.0 µm film thickness.
Temperature:	4 min at 40° C 9° C/min to 165° C, hold for 2 min. 12° C/min to 220° C, hold for 7 min.
Flow Rate	Helium at 1.0 mL/min.
Mass Spectrometer:	Electron Impact Ionization at a nominal electron energy of 70 electron volts, scanning from 35-350 amu at one scan/sec.

Computer: Preprogrammed to plot Extracted Ion Current Profile (EICP); capable of integrating ions and plotting abundances vs time or scan number. A library search (NIST-98) for tentatively identified compounds was performed on samples.

The GC/MS system was calibrated using 6 VOC standards at 5, 20, 50, 100, 150, and 200 µg/L. (Exception was acetone, calibrated using 5 VOC standards-20, 50, 100, 150 and 200 µg/L). Before analysis each day, the system was tuned with 50-ng BFB and passed a continuing calibration check when analyzing a 50 µg/L standard mixture in which the responses were evaluated by comparison to the average responses of the calibration curve.

The results are in Table 1.1; the tentatively identified compounds are listed in Table 1.2.

The concentrations of the analytes were calculated using the following equation:

$$C_u = \frac{A_x \times I_{is} \times D}{A_{is} \times RF \text{ (or } RF_{ave})}$$

where

C_u	= Concentration of target analyte (µg/L)
A_x	= Area of the target analyte
I_{is}	= Concentration of specific internal standard (µg/L)
A_{is}	= Area of the specific internal standard
RF	= Response Factor
RF_{ave}	= average Response Factor
D	= Dilution factor

The average Response Factor is used when a sample is associated with an initial calibration curve. The Response Factor is used when a sample is associated with a continuing calibration curve.

Response Factor calculation:

The response factor (RF) for each specific analyte is quantitated based on the area response from the continuing calibration check as follows:

$$RF = \frac{A_c \times I_{is}'}{A_{is}' \times I_c}$$

where,

RF	= Response factor for a specific analyte
A_c	= Area of the analyte in the standard
I_{is}'	= Concentration of the specific internal standard
A_{is}'	= Area of the specific internal standard
I_c	= Concentration of the analyte in the standard

$$RF_{ave} = \frac{RF_1 + \ldots + RF_n}{n}$$

and

n = number of Samples

Revision of 01/21/04

R2-0024559

Table 1.1 Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101304-1		10227		10228		10194		10195	
Location :			TB1		EPA-3(QA-MP)		EPA-6(D3)		EPA-6(D2)	
Analyzed :	10/13/2004		10/13/2004		10/13/2004		10/13/2004		10/13/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	1.2 J	8.0	U	12	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	1.8	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	9.9	1.0	U	50	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	3.9	1.0	U	39	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.1	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1318

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101304-1		10196		10197		10198		10199	
Location :			EPA-6(D1)		EPA-6(I2)		EPA-6(I1)		EPA-3(D3)	
Analyzed :	10/13/2004		10/13/2004		10/13/2004		10/13/2004		10/14/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	1.1	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1319

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101304-1		10200		10201		10225	
Location :			EPA-3(D2)		EPA-3(D1)		EPA-3(I1)	
Analyzed :	10/13/2004		10/14/2004		10/14/2004		10/14/2004	
Dil. Fact. :	1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

rv1320

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101404-2		0-024-0161		27024		10202		10214	
Location :			TB2		EPA-10(QA-RB)		EPA-10(D3)		EPA-10(D2)	
Analyzed :	10/14/2004		10/14/2004		10/14/2004		10/14/2004		10/14/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	

Compound	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Acetone	U		8.0	1.4	J	8.0	U		14	U		8.0	U		8.0
1,1-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U		1.0	U		1.0	3.0		1.0	U		1.0	U		1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroform	U		1.0	7.1		1.0	U		36	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	2.9		1.0	U		15	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-Pentanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	R		1.0	R		1.0	R		1.0	R		1.0	R		1.0
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0

rv1321

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101404-2		10215		10216		10217		10218	
Location :			EPA-10(D1)		EPA-10(I2)		EPA-10(I1)		EPA-10(S3)	
Analyzed :	10/14/2004		10/15/2004		10/15/2004		10/15/2004		10/15/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U J	1.0	U J	1.0	U J	1.0	U J	1.0	U J	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1322

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101404-2		10219		10220		10222	
Location :			EPA-5(D3)		EPA-5(D3)dup		EPA-5(D1)	
Analyzed :	10/14/2004		10/15/2004		10/15/2004		10/15/2004	
Dil. Fact. :	1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L	

Compound	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U		1.0	U		1.0	U		1.0	U		1.0
Acetone	U		8.0	U		8.0	U		8.0	U		8.0
1,1-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U		1.0	U		1.0	U		1.0	U		1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0
Chloroform	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	U		1.0	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-Pentanone	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	R		1.0	R		1.0	R		1.0	R		1.0
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0

rv1323

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1		10221		10223		10234		10235	
Location :			EPA-5(D2)		EPA-5(I2)		EPA-5(I1)		EPA-8(D3)	
Analyzed :	10/15/2004		10/15/2004		10/15/2004		10/15/2004		10/15/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U J	1.0	U J	1.0	U J	1.0	U J	1.0	U J	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	14	U	14	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	2.5	1.0	1.8	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1324

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1		10236		10237		10238		10239	
Location :			EPA-8(D2)		EPA-8(D1b)		EPA-8(D1a)		EPA-8(I2)	
Analyzed :	10/15/2004		10/15/2004		10/15/2004		10/15/2004		10/15/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U J	1.0	U J	1.0	U J	1.0	U J	1.0	U J	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-Pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	R	1.0	R	1.0	R	1.0	R	1.0	R	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1325

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1			10243			10244		
Location :				EPA-8(I1)			EPA-8(S1)		
Analyzed :	10/15/2004			10/15/2004			10/15/2004		
Dil. Fact. :	1			1			1		
Unit :	µg/L			µg/L			µg/L		
Compound	*Conc.*		*MDL*	*Conc.*		*MDL*	*Conc.*		*MDL*
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U	J	1.0	U	J	1.0	U	J	1.0
Bromomethane	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U		1.0	U		1.0	U		1.0
Acetone	U		8.0	U		8.0	U		8.0
1,1-Dichloroethene	U		1.0	U		1.0	U		1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0
2-Butanone	U		1.0	U		1.0	U		1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0
Chloroform	U		1.0	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	U		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0
4-Methyl-2-Pentanone	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	R		1.0	R		1.0	R		1.0
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0

rv1326

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water blank 101804-1			10280			10281			10290			10291		
Location :				EPA-2(I2)			EPA-2(D1)			EPA-2(QA-RB)			EPA-2(D3)		
Analyzed :	10/18/2004			10/18/2004			10/18/2004			10/18/2004			10/18/2004		
Dil. Fact. :	1			1			1			1			1		
Unit :	µg/L			µg/L			µg/L			µg/L			µg/L		
Compound	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U	J	1.0	U	J	1.0	1.1	J	1.0	U	J	1.0	2.6	J	1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Acetone	U		8.0	U		8.0	U		8.0	2.0	J	8.0	U		8.0
1,1-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	3.4		1.0	3.2		1.0	U		1.0	7.1		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	190		1.0	250		1.0	U		1.0	420		1.0
Chloroform	U		1.0	U		1.0	U		1.0	U		47	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	32		1.0	6.1		1.0	U		1.0	17		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	U		1.0	U		1.0	U		22	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-Pentanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	R		1.0	R		1.0	R		1.0	R		1.0	R		1.0
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0

rv1327

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water blank 101804-1			10292			10302			10303		
Location :				EPA-2(D2)			CY205(I2b)			EPA-9(D3)		
Analyzed :	10/18/2004			10/19/2004			10/19/2004			10/19/2004		
Dil. Fact. :	1			1			1			1		
Unit :	µg/L			µg/L			µg/L			µg/L		
Compound	*Conc.*		*MDL*	*Conc.*		*MDL*	*Conc.*		*MDL*	*Conc.*		*MDL*
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U	J	1.0	4.8	J	1.0	U	J	1.0	U	J	1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Acetone	U		8.0	U		8.0	U		8.0	U		8.0
1,1-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	3.8		1.0	5.8		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U		1.0	U		1.0	U		1.0	U		1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	210		1.0	520		1.0	U		1.0
Chloroform	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	5.4		1.0	34		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	U		1.0	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-Pentanone	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	R		1.0	R		1.0	R		1.0	R		1.0
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0

rv1328

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1		0-024-0216		0-024-0199		0-024-0200		0-024-0202	
Location :			TB4		EPA-4(QA-RB)		EPA-4(D3)		EPA-4(D1)	
Analyzed :	10/15/2004		10/15/2004		10/15/2004		10/15/2004		10/15/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	2.2 J	8.0	U	22	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	2.7	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	7.9	1.0	U	39	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	4.0	1.0	U	20	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.3	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1329

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1	0-024-0201	0-024-0203	0-024-0207	10191
Location :		EPA-4(D2)	EPA-4(I2)	EPA-4(S1)	EPA-7(D3)
Analyzed :	10/15/2004	10/15/2004	10/15/2004	10/15/2004	10/15/2004
Dil. Fact. :	1	1	1	1	1
Unit :	µg/L	µg/L	µg/L	µg/L	µg/L

Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1330

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101504-1		10192		10224		10226		10207	
Location :			EPA-7(D2)		EPA-7(I2)		EPA-7(S1)		EPA-7(I1)	
Analyzed :	10/15/2004		10/16/2004		10/16/2004		10/16/2004		10/16/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1331

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101604-2		10204		10205		10208		10209	
Location :			EPA-1(D3)		EPA-1(D3) DUP		EPA-1(D2)		EPA-1(D2)DUP	
Analyzed :	10/16/2004		10/16/2004		10/16/2004		10/16/2004		10/16/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	94	1.0	97	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	17	1.0	18	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	1200	1.0	1200	1.0	9.1	1.0	9.0	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1332

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101604-2		10229		10206		10245		10248	
Location :			EPA-1(I2)		EPA-1(D1)		CY204(D1B)		CY204(I2)	
Analyzed :	10/16/2004		10/17/2004		10/17/2004		10/17/2004		10/17/2004	
Dil. Fact. :	1		1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	5.3	1.0	7.7	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	1.6	1.0	4.7	1.0	310	1.0	450	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	23	1.0	32	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

rv1333

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101604-2	10247	10193
Location :		CY204(D1A)DUP	EPA-7(D1)
Analyzed :	10/16/2004	10/17/2004	10/17/2004
Dil. Fact. :	1	1	1
Unit :	µg/L	µg/L	µg/L

Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	7.0	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	500	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	27	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

rv1334

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101804-1	10282	10283	10301	10246
Location :		CY205(D1b)	CY205(D1a)	CY205(I2a)	CY204(D1A)
Analyzed :	10/18/2004	10/18/2004	10/18/2004	10/18/2004	10/18/2004
Dil. Fact. :	1	1	1	1	10
Unit :	µg/L	µg/L	µg/L	µg/L	µg/L

Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	20
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	80
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	10
trans-1,2-Dichloroethene	U	1.0	5.9	1.0	7.0	1.0	2.1	1.0	U	10
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	10
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
cis-1,2-Dichloroethene	U	1.0	330	1.0	490	1.0	190	1.0	410	10
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Trichloroethene	U	1.0	26	1.0	33	1.0	9.5	1.0	16	10
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	10
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	20
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	10
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	10

rv1335

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101804-1	27029	10312
Location :		TB3	EPA-9(I2)
Analyzed :	10/18/2004	10/19/2004	10/19/2004
Dil. Fact. :	1	1	1
Unit :	µg/L	µg/L	µg/L

Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0
Chloroform	U	1.0	9.3	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	4.3	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	1.3	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

rv1336

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101904-1		10293		10300	
Location :			EPA-2(D2)dup		CY205(D1a)dup	
Analyzed :	10/19/2004		10/19/2004		10/19/2004	
Dil. Fact. :	1		1		1	
Unit :	µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	5.7	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	4.7	1.0	6.8	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	220	1.0	510	1.0
Chloroform	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	5.9	1.0	34	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0

rv1337

Table 1.1(Cont.) Results of the Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample # :	Water Blank 101904-1		10313		10310		10311	
Location :			EPA-9(I1)		EPA-9(D1)		EPA-9(D2)	
Analyzed :	10/19/2004		10/19/2004		10/19/2004		10/19/2004	
Dil. Fact. :	1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	24 J	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	3.2	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

rv1338

Table 1. 2 Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #	Compound
Water Blank 101604-2 (Sys. A)	No Peaks Found
10204	No Peaks Found
10205	No Peaks Found
10208	No Peaks Found
10209	No Peaks Found
10229	No Peaks Found
10206	No Peaks Found
10245	No Peaks Found
10248	No Peaks Found
10247	No Peaks Found
10193	No Peaks Found
Water Blank 101804-1 (Sys. A)	No Peaks Found
10282	No Peaks Found
10283	No Peaks Found
10301	No Peaks Found
10246/10x	No Peaks Found
10312	No Peaks Found
Water Blank 101804-1 (Sys. B)	No Peaks Found
10280	No Peaks Found
10281	No Peaks Found
10291	No Peaks Found
10292	No Peaks Found
10302	No Peaks Found
10303	No Peaks Found
Water Blank 101904-1 (Sys. A)	No Peaks Found
10293	No Peaks Found
10300	No Peaks Found
10313	No Peaks Found
10310	No Peaks Found
10311	No Peaks Found
Water Blank 101304-1 (Sys. B)	No Peaks Found
10227	No Peaks Found
10228	No Peaks Found
10194	No Peaks Found
10195	No Peaks Found
10196	No Peaks Found
10197	No Peaks Found
10198	No Peaks Found
10199	No Peaks Found
10200	No Peaks Found
10201	No Peaks Found
10225	No Peaks Found
Water Blank 101404-2 (Sys. B)	No Peaks Found
0-024-0161	No Peaks Found
27024	No Peaks Found
10202	No Peaks Found
10214	No Peaks Found

R2-0024581

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #	Compound
10215	No Peaks Found
10216	No Peaks Found
10217	No Peaks Found
10218	No Peaks Found
10219	No Peaks Found
10220	No Peaks Found
10222	No Peaks Found
Water Blank 101504-1 (Sys. B)	No Peaks Found
10221	No Peaks Found
10223	No Peaks Found
10234	No Peaks Found
10237	No Peaks Found
10238	No Peaks Found
10239	No Peaks Found
10243	No Peaks Found
10244	No Peaks Found
Water Blank 101504-1 (Sys. A)	No Peaks Found
0-024-0199	No Peaks Found
0-024-0200	No Peaks Found
0-024-0202	No Peaks Found
0-024-0201	No Peaks Found
0-024-0203	No Peaks Found
0-024-0207	No Peaks Found
10191	No Peaks Found
10192	No Peaks Found
10224	No Peaks Found
10226	No Peaks Found
10207	No Peaks Found

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #10235 Unit µg/L
LabFile #BV9497 Con. Factor 1.0

	CAS#	Compound	Q	RT	Conc
1	7446-09-5	Sulfur dioxide	74	5.86	8.2

*Estimated Concentration (Response Factor = 1.0)

R2-0024583

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #10236 Unit µg/L
LabFile #BV9498 Con. Factor 1.0

	CAS#	Compound	Q	RT	Conc
1	7446-09-5	Sulfur dioxide	83	4.9	5.9

*Estimated Concentration (Response Factor = 1.0)

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #10290 | Unit µg/L
LabFile #BV9514 | Con. Factor 1.0

	CAS#	Compound	Q	RT	Conc
1		C4 Alkane		2.31	9.5

*Estimated Concentration (Response Factor = 1.0)

R2-0024585

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #0-024-216 Unit µg/L
LabFile #AV8991 Con. Factor 1.0

	CAS#	Compound	Q	RT	Conc
1		C4 Alkane		2.36	6.9

*Estimated Concentration (Response Factor = 1.0)

R2-0024586

Table 1. 2(Cont.) Results of TIC for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample #27029 Unit µg/L
LabFile #AV9042 Con. Factor 1.0

	CAS#	Compound	Q	RT	Conc
1		C4 Alkane		2.35	12

*Estimated Concentration (Response Factor = 1.0)

R2-0024587

Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water

Each sample was spiked with a three component mixture of CLP surrogate standards consisting of toluene-d_8, p-bromofluorobenzene and 1,2-dichloroethane-d_4. The surrogate percent recoveries, listed in Table 2.1, ranged from 91 to 109. All three hundred forty two values were within the acceptable QC limits. The internal standard areas for bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d_5) are also listed in Table 2.1. All three hundred forty two areas are within the acceptable QC limits.

Results of the MS/MSD Percent Recoveries for VOC in Water

Samples 10195, 10200 , 10214, 10221, 10244, 0-024-0201, 10206, 10247, 10293, and 10300 were chosen for the matrix spike/matrix spike duplicate analysis (MS/MSD). The percent recoveries, listed in Table 2.2, ranged from 88 to 157. Ninety eight out of one hundred values are within the acceptable QC limits. The relative percent differences, also listed in Table 2.2, ranged from 0 (zero) to 22. Forty eight out of fifty values are within the acceptable QC limits.

Table 2.1 Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/14/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
BV9469.D	Water Blank 101404-2	286964	2443017	1477213	102	101	97
BV9470.D	*0-024-0161*	*286819*	*2413601*	*1470479*	*102*	*100*	*97*
BV9471.D	27024	280662	2420027	1468148	101	101	97
BV9472.D	10202	282803	2414600	1469993	103	101	97
BV9473.D	10214	279068	2395673	1461610	103	101	97
BV9474.D	10214 MS	283993	2545702	1510046	103	100	94
BV9475.D	10214 MSD	283469	2549023	1507291	102	100	95
BV9476.D	10215	277224	2392859	1458329	104	101	96
BV9477.D	10216	276186	2355961	1438258	104	101	97
BV9478.D	10217	275427	2347104	1441102	104	101	96
BV9479.D	10218	279483	2367570	1447590	103	101	97
BV9480.D	10219	275245	2329499	1428840	103	100	97
BV9481.D	10220	272058	2342771	1430769	104	101	97
BV9482.D	10222	272299	2344860	1432086	103	101	96

Cal Check Area	BV9467.D	321673	2642940	1615870

				Surrogate Limits Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv747

R2-0024589

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/13/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
BV9446.D	Water Blank 101304-1	303854	2582596	1504305	102	100	97
BV9447.D	10227	300470	2536689	1494305	101	100	96
BV9448.D	10228	304954	2522355	1495903	101	100	96
BV9449.D	10194	296324	2512512	1484506	103	100	95
BV9450.D	10195	291646	2487896	1476893	103	100	95
BV9451.D	10195 MS	299018	2630191	1523093	104	99	93
BV9452.D	10195 MSD	303120	2630173	1528895	104	99	93
BV9453.D	10196	293748	2445224	1474203	105	99	93
BV9454.D	10197	291287	2454014	1477338	105	99	93
BV9455.D	10198	290001	2431505	1468332	105	99	93
BV9456.D	10199	288349	2413162	1463767	105	99	93
BV9457.D	10200	284850	2420952	1471190	105	99	91
BV9458.D	10200 MS	296107	2576418	1521887	106	98	91
BV9459.D	10200 MSD	291597	2568167	1509300	105	99	91
BV9460.D	10201	286724	2407761	1466128	106	99	91
BV9461.D	10225	282592	2389259	1452270	107	100	92

Cal Check Area	BV9445.D	322480	2679950	1567410

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv748

R2-0024590

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/15/04
Matrix *Water*

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
BV9491.D	Water Blank 101504-1	285007	2439272	1466773	102	102	97
BV9492.D	10221	276635	2372758	1448243	102	101	97
BV9493.D	10221 MS	285776	2531460	1493453	103	101	96
BV9494.D	10221 MSD	280530	2517066	1489804	103	101	96
BV9495.D	10223	277563	2354470	1436998	102	101	97
BV9496.D	10234	271197	2310172	1411627	102	102	97
BV9497.D	10235	268595	2302319	1411660	103	101	97
BV9498.D	10236	263113	2316252	1404242	103	103	97
BV9499.D	10237	263256	2308575	1405226	103	102	97
BV9500.D	10238	261918	2287489	1401355	104	102	97
BV9501.D	10239	258667	2245909	1369464	100	102	97
BV9502.D	10243	258232	2203859	1350060	101	102	97
BV9503.D	10244	255205	2227547	1358253	103	102	98
BV9504.D	10244 MS	256363	2347729	1382460	102	102	97
BV9505.D	10244 MSD	260232	2365948	1398877	103	101	97

Cal Check Area	BV9490.D	312901	2575130	1590310

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv751

R2-0024591

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/18/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
BV9509.D	Water Blank 101804-1	264233	2379547	1418550	103	101	96
BV9510.D	10280	286428	2352359	1419075	99	101	96
BV9511.D	10280/10x	274049	2293232	1385551	100	101	97
BV9512.D	10281	285904	2303751	1388269	99	101	97
BV9513.D	10281/10x	274452	2239081	1362108	100	101	97
BV9514.D	10290	254955	2223094	1365095	105	100	96
BV9515.D	10291	274905	2281975	1367512	99	101	96
BV9516.D	10291/10x	275880	2250295	1369963	100	100	96
BV9517.D	10292	273752	2282515	1367427	99	101	96
BV9518.D	10292/10x	267804	2257760	1370243	100	100	95
BV9519.D	10302	276526	2262320	1369281	99	101	96
BV9520.D	10302/10x	267742	2244139	1359416	101	101	96
BV9521.D	10303	256815	2203893	1352760	107	100	97

Cal Check Area	BV9508.D	288125	2481830	1513380

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv752

R2-0024592

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/15/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV8990.D	Water Blank 101504-1	277345	2235014	1236848	100	101	98
AV8991.D	0-024-0216	270796	2176601	1214103	100	101	97
AV8992.D	0-024-0199	262182	2070625	1167241	100	101	97
AV8993.D	0-024-0200	250146	2038410	1147395	104	100	97
AV8994.D	0-024-0202	243983	1995010	1130164	104	99	95
AV8995.D	0-024-0201	243840	1962754	1110989	105	100	96
AV8996.D	0-024-0201 MS	240974	2012700	1130940	106	99	94
AV8997.D	0-024-0201 MSD	240254	1989121	1106429	105	101	95
AV8998.D	0-024-0203	231911	1883189	1080875	106	99	95
AV8999.D	0-024-0207	231292	1856441	1065776	107	99	94
AV9000.D	10191	226679	1827116	1055051	109	99	94
AV9001.D	10192	223137	1815089	1050179	109	99	93
AV9002.D	10224	220172	1806501	1040376	109	100	92
AV9003.D	10226	223819	1803452	1035627	108	100	93
AV9004.D	10207	225659	1783027	1036707	108	99	92

Cal Check Area	AV8989.D	290639	2323950	1312500

			Surrogate Limits	Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv749

R2-0024593

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/16/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9011.D	Water Blank 101604-2	219824	1773697	1039558	102	101	98
AV9012.D	10204	229339	1770502	1030239	98	100	97
AV9013.D	10205	221363	1754017	1011417	99	102	97
AV9014.D	10208	215017	1727948	1005721	99	101	97
AV9015.D	10209	213886	1711464	1001390	98	101	96
AV9016.D	10229	198479	1670680	987147	100	101	94
AV9017.D	10206	206005	1660274	974566	101	100	96
AV9018.D	10206 MS	209676	1715352	996377	102	100	94
AV9019.D	10206 MSD	209533	1708710	987637	102	99	95
AV9020.D	10245	203663	1620484	956277	100	101	95
AV9021.D	10248	208003	1611742	945968	101	101	94
AV9022.D	10247	204622	1581366	930119	102	101	95
AV9023.D	10247 MS	204873	1626289	946893	103	100	94
AV9024.D	10247 MSD	202972	1611686	939440	103	100	93
AV9025.D	10193	189068	1522294	914712	106	99	95

Cal Check Area	AV9009.D	240283	1908770	1142560

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv750

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/18/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9030.D	Water Blank 101804-1	295413	2129869	1181774	99	101	95
AV9031.D	10282	299756	2080617	1138679	97	103	95
AV9032.D	10283	292440	2068931	1139574	98	102	94
AV9033.D	10301	293454	2044205	1134765	98	101	94
AV9034.D	10204/20x	274676	1958488	1084529	99	102	95
AV9035.D	10205/20x	282760	1944905	1087455	100	101	94
AV9036.D	10245/10x	277087	1925753	1065232	100	101	95
AV9037.D	10246/10x	275079	1900523	1058053	101	101	94
AV9038.D	10247/10x	271110	1891248	1048898	99	102	94
AV9039.D	10248/10x	271321	1881302	1049095	100	101	94
AV9040.D	10282/10x	267773	1866041	1040660	101	101	94
AV9041.D	10283/10x	261783	1858348	1033745	101	101	94
AV9042.D	27029	247446	1824681	1019612	104	101	95
AV9043.D	10312	245840	1797575	1016824	106	100	93

Cal Check Area	AV9029.D	306873	2241000	1270210

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv753

R2-0024595

Table 2.1 (Cont.) Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water
WA# 0-024 Cayuga County Westbay

Analysis Date 10/19/04
Matrix Water

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9050.D	Water Blank 101904-1	260285	1927084	1053510	101	102	94
AV9051.D	10293	267669	1893466	1036826	98	102	93
AV9052.D	10293MS	258291	1893876	1039712	99	100	92
AV9053.D	10293MSD	267512	1892195	1027086	98	101	93
AV9054.D	10300	257089	1813641	993342	98	103	93
AV9055.D	10300MS	257637	1864208	1015592	97	101	92
AV9056.D	10300MSD	263702	1860017	1019516	98	101	92
AV9057.D	10293/10x	256422	1775152	983379	98	102	93
AV9058.D	10300/10x	252521	1742525	962568	98	103	93
AV9059.D	10313	235632	1699345	959077	102	103	93
AV9060.D	10310	230565	1690825	945536	102	102	94
AV9061.D	10311	241219	1688813	944708	102	101	94

Cal Check Area	AV9049.D	274373	1987980	1146150

				Surrogate Limits
				Water
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

isv754

Table 2.2 Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10195

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	65.6	63.9	131	128	3	14	61 - 145
Benzene	U	50.0	50.0	56.9	56.2	114	112	1	11	76 - 127
Trichloroethene	U	50.0	50.0	57.6	56.2	115	112	2	14	71 - 120
Toluene	U	50.0	50.0	60.6	59.6	121	119	2	13	76 - 125
Chlorobenzene	U	50.0	50.0	59.6	59.3	119	119	1	13	75 - 130

msv469

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10200

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	53.9	61.3	108	123	13	14	61 - 145
Benzene	U	50.0	50.0	55.8	59.1	112	118	6	11	76 - 127
Trichloroethene	U	50.0	50.0	52.2	56.6	104	113	8	14	71 - 120
Toluene	U	50.0	50.0	57.7	61.3	115	123	6	13	76 - 125
Chlorobenzene	U	50.0	50.0	58.9	60.3	118	121	2	13	75 - 130

msv470

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10214

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	44.4	53.2	89	106	18 *	14	61 - 145
Benzene	U	50.0	50.0	48.3	50.1	97	100	4	11	76 - 127
Trichloroethene	U	50.0	50.0	46.3	49.8	93	100	7	14	71 - 120
Toluene	U	50.0	50.0	51.8	54.6	104	109	5	13	76 - 125
Chlorobenzene	U	50.0	50.0	53.9	54.8	108	110	2	13	75 - 130

msv471

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10221

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	51.2	46.7	102	93	9	14	61 - 145
Benzene	U	50.0	50.0	47.9	44.7	96	90	7	11	76 - 127
Trichloroethene	U	50.0	50.0	47.5	43.7	95	88	8	14	71 - 120
Toluene	U	50.0	50.0	52.2	49.0	104	98	6	13	76 - 125
Chlorobenzene	U	50.0	50.0	52.2	49.9	104	100	5	13	75 - 130

msv472

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10244

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	49.5	54.9	99	110	10	14	61 - 145
Benzene	U	50.0	50.0	46.6	48.2	93	97	4	11	76 - 127
Trichloroethene	U	50.0	50.0	45.3	48.3	91	97	6	14	71 - 120
Toluene	U	50.0	50.0	52.2	53.8	104	108	3	13	76 - 125
Chlorobenzene	U	50.0	50.0	53.2	54.1	106	108	2	13	75 - 130

msv473

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 0-024-0201

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	57.4	53.7	115	107	7	14	61 - 145
Benzene	U	50.0	50.0	52.7	52.8	105	106	0	11	76 - 127
Trichloroethene	U	50.0	50.0	49.6	48.9	99	98	2	14	71 - 120
Toluene	U	50.0	50.0	56.0	56.8	112	114	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	55.4	56.8	111	114	2	13	75 - 130

msv474

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10206

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	61.4	59.8	123	120	3	14	61 - 145
Benzene	U	50.0	50.0	52.4	52.5	105	105	0	11	76 - 127
Trichloroethene	U	50.0	50.0	49.3	49.2	99	98	0	14	71 - 120
Toluene	U	50.0	50.0	56.6	57.1	113	114	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	55.6	56.2	111	112	1	13	75 - 130

msv475

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10247

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	56.5	54.2	113	108	4	14	61 - 145
Benzene	U	50.0	50.0	52.3	51.0	105	102	3	11	76 - 127
Trichloroethene	22.6	50.0	50.0	72.6	70.9	100	97	4	14	71 - 120
Toluene	U	50.0	50.0	55.8	54.7	112	109	2	13	76 - 125
Chlorobenzene	U	50.0	50.0	55.4	54.7	111	109	1	13	75 - 130

msv476

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10293

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	78.6	70.0	157 *	140	12	14	61 - 145
Benzene	U	50.0	50.0	55.5	55.4	111	111	0	11	76 - 127
Trichloroethene	5.9	50.0	50.0	59.1	58.9	106	106	0	14	71 - 120
Toluene	U	50.0	50.0	58.6	58.9	117	118	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	58.1	57.9	116	116	0	13	75 - 130

msv477

Table 2.2 (Cont.) Results of the MS/MSD Analysis for VOC in Water
WA# 0-024 Cayuga County Westbay

Sample ID: 10300

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	60.1	74.9	120	150 *	22 *	14	61 - 145
Benzene	U	50.0	50.0	54.8	54.5	110	109	1	11	76 - 127
Trichloroethene	34.1	50.0	50.0	91.2	88.6	114	109	5	14	71 - 120
Toluene	U	50.0	50.0	58.3	57.5	117	115	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	57.8	57.3	116	115	1	13	75 - 130

msv478

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

CHAIN OF CUSTODY RECORD
Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

No: 0-024-0011
Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
1165	10194	EPA-6(D3)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1166	10195	EPA-6(D2)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1167	10196	EPA-6(D1)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1168	10197	EPA-6(i2)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1169	10198	EPA-6(i1)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1170	10199	EPA-3(D3)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1171	10200	EPA-3(D2)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	RW
1172	10201	EPA-3(D1)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1173	10203	EPA-3(i2)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1174	10225	EPA-3(i1)	VOAs	Ground Water	10/9/2004	3	40 ml vial	4 C	
1175	10227	TB1	VOAs	Blank	10/9/2004	2	40 ml vial	4 C	
1176	10228	EPA-3 (QA-MP)	VOAs	Rinsate Blank	10/9/2004	3	40 ml vial	4 C	

RW

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	10/11/04	[illegible]	10/11/04	1000	all/analyses	[illegible]	10/13/04	[illegible]	10-13-04	8:45

054

0024-DAR-011105

R2-0024607

:EAC, Edison, N
732) 321-4200
:PA Contract ~~68-C99-223~~ HW
EP-C-04-032

CHAIN OF CUSTO RECORD

Project Name: Cuyahoga County
Project Number: 0-024
LM Contact: K. Wendrutt Phone: 609-865-9317

0-024 J12

No: ~~14927~~ 92 HW
Sheet 01 of ~~01~~ (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOCs				
1191	0-024-0161	TB2	W	10/12/04	3	40 ml vial / 4°C	X				
1192	10202	EPA-10(D3)	GW		3		X				
1193	10214	EPA-10(D2)			3		X				
1194	10215	EPA-10(D1)			3 #		X				
1195	10216	EPA-10(I2)			3 #		X				
1196	10217	EPA-10(I1)			3		X				
1197	10218	EPA-10(S3)			3		X				
1198	10219	EPA-5(D3)			3		X				
1199	10220	EPA-5(D3) DUP			2		X			HW	
1190	10221	EPA-5(D2)			3		X				
1191	10222	EPA-5(D1)			3		X				
1192	10223	EPA-5(I2)			3		X				
1193	10234	EPA-5(I1)			3		X				
1194	10235	EPA-8(D3)			3		X				
1195	10236	EPA-8(D2)			3		X				
1196	10237	EPA-8(D1b)			3		X				
1197	10238	EPA-8(D1a)			3		X				
1198	10239	EPA-8(I2)			3		X				
1199	10243	EPA-8(I1)			3		X				

055

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

1024, one vial broken
1026, one vial missing

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
cell/analyses	K. Wendrutt	10/13/04	[illegible]	10/19/04	1100	cell/analyses	[illegible]	10/15/04	[illegible]	10/15/04	1120

0024DAR-011105

R2-0024608

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ KW
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: Cayuga County
Project Number: 9 9 0-024
LM Contact: K Woodruff Phone: 609-865-9317

0-024-0012

No: 02 ~~14928~~
Sheet ~~01~~ of ~~01~~ (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOCs				
1200	* 10244	EPA-8(S1)	GW	10/12/04	5	40ml vial/4°C	X				
1201	27024	EPA-10(QA-RB)	W	10/12/04	2	40ml vial/4°C	X				

KW

056

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

* MS/MSD

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all analyses	K. Woodruff	10/12/04	[illegible]	10/14/04	[illegible]	all analyses	[illegible]	10/15/04	[illegible]	10.15.04	1:20

0024-DAR-011105

R2-0024609

CHAIN OF CUSTODY RECORD

No: 0-024-0013

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
1202 1190	10245	CY204(D1B)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1203 1191	10246	CY204(D1A)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1204 1192	10247	CY204(D1A) dup	VOAs	Ground Water	10/13/2004	5	40 ml vial	4 C	Y
1205 1193	10248	CY204(I2)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1206 1194	10249	CY204(S1)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1207 1195	10280	EPA-2(I2)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	n
1208 1196	10281	EPA-2(D1)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	n
1209 1197	10282	CY205(D1b)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1210 1198	10283	CY205(D1a)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1211 1199	~~10290~~ 10290 KW	EPA-2(QA-RB)	VOAs	Rinsate Blank	10/13/2004	3	40 ml vial	4 C	N
1316	10291	EPA-2(D3)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1317	10292	EPA-2(D2)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	n
1318	10293	EPA-2(D2) dup	VOAs	Ground Water	10/13/2004	5	40 ml vial	4 C	Y
1319	10300	CY205(D1a) dup	VOAs	Ground Water	10/13/2004	5	40 ml vial	4 C	Y

Special Instructions: 10249 is Lost

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analysis	K. Woodruff	10/14/04	[signature]	10/15/04	1032	all analysis	[signature]	10/15/04	[signature]	10-15-04	16:30

057

0024-DAR-011105

R2-0024610

CHAIN OF CUSTODY RECORD

No: 0-024-0013

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
1214	10301	CY205(i2a)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	n
1213	10302	~~CY205(i2b)~~ KW CX205 (i2b)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	n
1217	10303	EPA-9(D3)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1215	10310	EPA-9(D1)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1216	10311	EPA-9(D2)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1217	10312	EPA-9(i2)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1218	10313	EPA-9(i1)	VOAs	Ground Water	10/13/2004	3	40 ml vial	4 C	N
1219	27029	TB3	VOAs	Blank	10/13/2004	3	40 ml vial	4 C	N

058

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	10/14/04	[illegible]	10/15/04	1050	all analyses	[illegible]	10/15/04	[illegible]	10.15.04	16:30

0024-DAR-011105

EAC, Edison, N
32) 321-4200
PA Contract ~~68-C99-223~~ EPA-C-04-032

CHAIN OF CUSTO ECORD

Project Name: Cowing Cor
Project Number: 0-024
LM Contact: K. Wardwell Phone: 609 865-9317

0-024 0014
No: ~~14930~~
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC1
~~220~~	0-024-0200	EPA-4 (D3)	GW	10/14/04	3	40ml vial/cool	X
220	0-024-0199	EPA-4 (QA-RB)	W		3		X
221	0-024-0202	EPA-4 (D1)	GW		3		X
222	0-024-0201	EPA-4 (D2)			3		X
223	0-024-0203	EPA-4 (I2)			3		X
224	0-024-0207	EPA-4 (S1)			3		X
225	10191	EPA-7 (D3)			2		X
226	10192	EPA-7 (D2)			3		X
227	10224	EPA-7 (I2)			3		X
228	10226	EPA-7 (S1)			3		X
229	10207	EPA-7 (I1)			3		X
230	10193	EPA-7 (D1)			3		X
231	10204	EPA-1 (D3)			3		X
232	10205	EPA-1 (D3) DUP			5		X
233	10208	EPA-1 (D2)			3		X
234	10209	EPA-1 (D2) DUP			5		X
235	10229	EPA-1 (I2)			3		X
236	10206	EPA-1 (D1)			3		X
237	0-024-0216	TB4	W		3		X

059

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
all/analysis	K. Wardwell	10/14/04	[illegible]	10/15/04	[illegible]	all/analysis	[illegible]	10/15/04	[illegible]	10-15-04	8:30

002 AR-011105

R2-0024612

APPENDIX C
FINAL ANALYTICAL REPORT FOR DECEMBER 2004 SAMPLING EVENT
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Cayuga County Westbay Sampling Site
Auburn, NY

February 2005

EPA Work Assignment No. 0-024
LOCKHEED MARTIN Work Order EAC00024
EPA Contract No. EP-C-04-032

Submitted to
D. Bussey
EPA-ERTC

K. Woodruff — 2/14/05
K. Woodruff, Task Leader — Date

Vinod Kansal — 2/15/05
V. Kansal, Analytical Section Leader — Date

Donna Miller — 2/21/05
D. Miller, Program Manager — Date

Analysis by:
REAC

Prepared by:
Mark Bernick

Reviewed by:
J. Soroka

0024-DAR-021405

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Appendices will be furnished on request.

Introduction

REAC in response to WA 0-024, provided analytical support for environmental samples collected from Cayuga County Westbay Sampling Site, located in Auburn, NY as described in the following table. The support also included QA/QC, data review, and preparation of an analytical report containing a summary of the analytical methods, the results, and the QA/QC results.

The samples were treated with procedures consistent with those specified in SOP #1008.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis	Laboratory	Data Package
18682	6	12/15/04	12/17/04	Water	VOC	REAC	P001
	11	12/16/04					
18683	5						

Case Narrative

The data in this report have been validated to two significant figures. Any other representation of the data is the responsibility of the user. Data validation flags have been included in the results table.

VOC in Water Package P001

Water method blank WMBLK A122104-2 contained 8.5 µg/L acetone. Acetone was not detected in the associated samples; the data are not affected

Rinsate blank sample19509(12/15/04) contained 6.5 µg/L acetone, 3.8 µg/L chloroform and 2.4 µg/L bromodichloromethane. The results for these compounds in the associated samples were either not detected or greater then ten time the blank concentration; the data are not affected.

Rinsate blank sample19515(12/16/04) contained 5.8 µg/L acetone, 3.9 µg/L chloroform and 2.5 µg/L bromodichloromethane. The acetone results for samples 19520, 19526 and 19528 are reported as not detected because the sample concentrations were less then ten time the blank concentration.

The relative response factor exceeded the acceptable QC limits for the 5.0 µg/L calibration standard for 1,2-dibromo-3-chloropropane in the initial calibrations of 12/17/04 (RF= 0.037) and 12/21/04 (RF= 0.044). The reported 1,2-dibromo-3-chloropropane MDL is based on the 20 µg/L initial calibration standard for WMBLK A121704-3, WMBLK A121804-2, WMBLK A122104-2 and samples 19509, 19530, 19531, 19512 through 19521 and 19523 through 19526.

The percent relative standard deviation exceeded the acceptable QC limits for naphthalene (33%) in the initial calibration on 12/20/04. Naphthalene was not detected in the associated samples; the data are not affected.

The percent difference exceeded the acceptable QC limits for hexachlorobutadiene (26%) in the continuing calibration check standard on 12/17/04. Hexachlorobutadiene was not detected in the associated samples; the data are not affected.

The percent difference exceeded the acceptable QC limits for chloromethane (30%), vinyl chloride (29%), bromomethane (35%), chloroethane (29%), trichlorofluoromethane (32%), acetone (94%), 1,1-dichloroethene (78%), 2-butanone (52%) and 2-hexanone (31%)in the continuing calibration check standard on 12/18/04. The acetone results for samples 19509 and 19515 are estimated; the acetone results for MBLK A121804-2, samples 19518 through 19521, 19524, 19526, and 19530 are rejected. The 1,1-dichloroethene and 2-butanone results for MBLK A121804-2, samples 19509, 19515, 19518 through 19521, 19524, 19526, and 19530 are estimated.

The surrogate percent recoveries exceeded the acceptable QC limits for bromochloromethane for samples 19525 (117%), 19525MS (114%) and 19525MSD (117%) and for chlorobenzene-d5 for samples 19525 (85%), 19523MS (85%) and 19525MSD (84 %) . All results for sample 19525 are estimated.

Summary of Abbreviations

AA	Atomic Absorption
B	The analyte was found in the blank
BFB	Bromofluorobenzene
C	Centigrade
cont.	Continued
D	(Surrogate Table) this value is from a diluted sample and was not calculated (Result Table) this result was obtained from a diluted sample
Dioxin	denotes Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans and/or PCDD and PCDF
CLP	Contract Laboratory Protocol
COC	Chain of Custody
CONC	Concentration
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
DFTPP	Decafluorotriphenylphosphine
DL	Detection Limit
E	The value is greater than the highest linear standard and is estimated
EMPC	Estimated maximum possible concentration
ICAP	Inductively Coupled Argon Plasma
ISTD	Internal Standard
J	The value is estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDL	Method Detection Limit
MI	Matrix Interference
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	either Not Applicable or Not Available
NC	Not Calculated
NR	Not Requested
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
PAL	Performance Acceptance Limit
PPB	Parts per billion
PPBV	Parts per billion by volume
PPMV	Parts per million by volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
TIC	Tentatively Identified Compound
TCLP	Toxicity Characteristic Leaching Procedure
U	Denotes not detected
UJ	Denotes MDL is estimated
W	Weathered analyte; the results should be regarded as estimated

m^3	cubic meter	kg	kilogram	µg	microgram
L	liter	g	gram	pg	picogram
mL	milliliter	mg	milligram	ng	nanogram
µL	microliter	*	denotes a value that exceeds the acceptable QC limit		

Abbreviations that are specific to a particular table are explained in footnotes on that table

Revision 9/8/04

Analytical Procedure for VOC in Water

A modified 524.2 method for the analysis of Volatile Organic Compounds in water was used. Samples were purged, trapped, and desorbed to a GC/MS system. Prior to purging, the samples were spiked with a three component surrogate mixture consisting of toluene-d_8, 4-bromofluorobenzene and 1,2-dichloroethane-d_4 and a three component internal standard mixture consisting of bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d_5.

The purge and trap unit consisted of: A Tekmar concentrator (3000 series) equipped with an Archon autosampler (Dynateck Corp.) and a VOCARB 3000 trap (Supelco).

The purge and trap instrument conditions were:

Purge	10 min at 35° C
Dry Purge	2 min at 35° C
Desorb Preheat	245° C
Desorb	4 min at 250° C
Purge Flow Rate	40 mL/min
Bake	10 min at 260° C

A Hewlett Packard 5973 GC/MSD equipped with an HP Chem Station data system was used to analyze the data.

The instrument conditions were:

Column:	30 meter x 0.25 mm ID, RTx-Volatiles (Restek Corp.) column with 3.0 µm film thickness.
Temperature:	4 min at 40° C 9° C/min to 165° C, hold for 2 min. 12° C/min to 220° C, hold for 7 min.
Flow Rate	Helium at 1.0 mL/min.
Mass Spectrometer:	Electron Impact Ionization at a nominal electron energy of 70 electron volts, scanning from 35-350 amu at one scan/sec.

Computer: Preprogrammed to plot Extracted Ion Current Profile (EICP); capable of integrating ions and plotting abundances vs time or scan number. A library search (NIST-98) for tentatively identified compounds was performed on samples.

The GC/MS system was calibrated using 6 VOC standards at 5, 20, 50, 100, 150, and 200 µg/L. (Exception was acetone, calibrated using 5 VOC standards-20, 50, 100, 150 and 200 µg/L) Before analysis each day, the system was tuned with 50-ng BFB and passed a continuing calibration check when analyzing a 50 µg/L standard mixture in which the responses were evaluated by comparison to the average responses of the calibration curve.

The results are in Table 1.1; the tentatively identified compounds are listed in Table 1.2.

The concentrations of the analytes were calculated using the following equation:

$$C_u = \frac{A_x \times I_{is} \times D}{A_{is} \times RF \text{ (or } RF_{ave})}$$

where

C_u	= Concentration of target analyte (µg/L)
A_x	= Area of the target analyte
I_{is}	= Concentration of specific internal standard (µg/L)
A_{is}	= Area of the specific internal standard
RF	= Response Factor
RF_{ave}	= average Response Factor
D	= Dilution factor

The average Response Factor is used when a sample is associated with an initial calibration curve. The Response Factor is used when a sample is associated with a continuing calibration curve.

Response Factor calculation:

The response factor (RF) for each specific analyte is quantitated based on the area response from the continuing calibration check as follows:

$$RF = \frac{A_c \times I_{is}'}{A_{is}' \times I_c}$$

where,

RF	= Response factor for a specific analyte
A_c	= Area of the analyte in the standard
I_{is}'	= Concentration of the specific internal standard
A_{is}'	= Area of the specific internal standard
I_c	= Concentration of the analyte in the standard

$$RF_{ave} = \frac{RF_1 + \ldots + RF_n}{n}$$

and

n = number of Samples

Revision of 01/21/04

Table 1.1 Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample #	Water Blank A 121704-3		19512		19513		19514		19517	
Location			EPA-1(D2)		EPA-1(D1)		EPA-1(I2)		EPA-5 (D3 DUP)	
Collected			12/15/04		12/15/04		12/15/04		12/16/04	
Dil. Fact.	1		1		1		1		1	
Unit	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	1.1	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	8.2	1.0	5.0	1.0	3.3	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	20	U	20	U	20	U	20	U	20
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 121704-3		19516	
Location :			EPA-5 (D3)	
Collected :			12/16/04	
Dil. Fact. :	1		1	
Unit :	µg/L		µg/L	
Compound	*Conc.*	*MDL*	*Conc.*	*MDL*
Dichlorodifluoromethane	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0
Acetone	U	8.0	U	8.0
1,1-Dichloroethene	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	U	1.0
Chloroform	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0
Benzene	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0
Toluene	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0
Styrene	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	20	U	20
1,2,4-Trichlorobenzene	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 121804-2			19509			19515			19518			19519		
Location :				Rinsate Blank			EPA-5 RB			EPA-5 (D2)			EPA-5 (D1)		
Collected :				12/15/04			12/16/04			12/16/04			12/16/04		
Dil. Fact	1			1			1			1			1		
Unit :	µg/L			µg/L			µg/L			µg/L			µg/L		
Compound	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Acetone	R		8.0	6.5	J	8.0	5.8	J	8.0	R		8.0	R		8.0
1,1-Dichloroethene	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroform	U		1.0	3.8		1.0	3.9		1.0	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	2.4		1.0	2.5		1.0	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-pentanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	U		20	U		20	U		20	U		20	U		20
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 121804-2			19520			19521			19524			19526		
Location :				EPA-5 (I2)			EPA-9 (D3)			EPA-9 (D1)			EPA-9 (I1)		
Collected :				12/16/04			12/16/04			12/16/04			12/16/04		
Dil. Fact. :	1			1			1			1			1		
Unit :	µg/L			µg/L			µg/L			µg/L			µg/L		
Compound	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloromethane	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
Vinyl Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichlorofluoromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Acetone	R		8.0	R		8.0	R		8.0	R		8.0	R		8.0
1,1-Dichloroethene	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
Methylene Chloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Disulfide	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Methyl-t-butyl Ether	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,2-Dichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Butanone	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0	U	J	1.0
2,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,2-Dichloroethene	U		1.0	1.9		1.0	U		1.0	U		1.0	U		1.0
Chloroform	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Carbon Tetrachloride	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Benzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Trichloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromodichloromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Dibromomethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
cis-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
trans-1,3-Dichloropropene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2-Trichloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Dibromochloromethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromoethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromoform	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Methyl-2-pentanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Toluene	U		1.0	U		1.0	U		1.0	U		1.0	1.1		1.0
2-Hexanone	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Tetrachloroethene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Chlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,1,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Ethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p&m-Xylene	U		2.0	U		2.0	U		2.0	U		2.0	U		2.0
o-Xylene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Styrene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Isopropylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,1,2,2-Tetrachloroethane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichloropropane	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Propylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Bromobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3,5-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
2-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
4-Chlorotoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
tert-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,4-Trimethylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
sec-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
p-Isopropyltoluene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,3-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,4-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
n-Butylbenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2-Dibromo-3-chloropropane	U		20	U		20	U		20	U		20	U		20
1,2,4-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Hexachlorobutadiene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
Naphthalene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0
1,2,3-Trichlorobenzene	U		1.0	U		1.0	U		1.0	U		1.0	U		1.0

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 121804-2			19530		
Location :				EPA-2 (I2)		
Collected :				12/16/04		
Dil. Fact. :	1			2		
Unit :	µg/L			µg/L		
Compound	Conc.		MDL	Conc.		MDL
Dichlorodifluoromethane	U		1.0	U		2.0
Chloromethane	U		2.0	U		4.0
Vinyl Chloride	U		1.0	U		2.0
Bromomethane	U		1.0	U		2.0
Chloroethane	U		1.0	U		2.0
Trichlorofluoromethane	U		1.0	U		2.0
Acetone	R		8.0	R		16
1,1-Dichloroethene	U	J	1.0	U	J	2.0
Methylene Chloride	U		1.0	U		2.0
Carbon Disulfide	U		1.0	U		2.0
Methyl-t-butyl Ether	U		1.0	U		2.0
trans-1,2-Dichloroethene	U		1.0	5.1		2.0
1,1-Dichloroethane	U		1.0	U		2.0
2-Butanone	U	J	1.0	U	J	2.0
2,2-Dichloropropane	U		1.0	U		2.0
cis-1,2-Dichloroethene	U		1.0	530		2.0
Chloroform	U		1.0	U		2.0
1,1-Dichloropropene	U		1.0	U		2.0
1,2-Dichloroethane	U		1.0	U		2.0
1,1,1-Trichloroethane	U		1.0	U		2.0
Carbon Tetrachloride	U		1.0	U		2.0
Benzene	U		1.0	U		2.0
Trichloroethene	U		1.0	24		2.0
1,2-Dichloropropane	U		1.0	U		2.0
Bromodichloromethane	U		1.0	U		2.0
Dibromomethane	U		1.0	U		2.0
cis-1,3-Dichloropropene	U		1.0	U		2.0
trans-1,3-Dichloropropene	U		1.0	U		2.0
1,1,2-Trichloroethane	U		1.0	U		2.0
1,3-Dichloropropane	U		1.0	U		2.0
Dibromochloromethane	U		1.0	U		2.0
1,2-Dibromoethane	U		1.0	U		2.0
Bromoform	U		1.0	U		2.0
4-Methyl-2-pentanone	U		1.0	U		2.0
Toluene	U		1.0	U		2.0
2-Hexanone	U		1.0	U		2.0
Tetrachloroethene	U		1.0	U		2.0
Chlorobenzene	U		1.0	U		2.0
1,1,1,2-Tetrachloroethane	U		1.0	U		2.0
Ethylbenzene	U		1.0	U		2.0
p&m-Xylene	U		2.0	U		4.0
o-Xylene	U		1.0	U		2.0
Styrene	U		1.0	U		2.0
Isopropylbenzene	U		1.0	U		2.0
1,1,2,2-Tetrachloroethane	U		1.0	U		2.0
1,2,3-Trichloropropane	U		1.0	U		2.0
n-Propylbenzene	U		1.0	U		2.0
Bromobenzene	U		1.0	U		2.0
1,3,5-Trimethylbenzene	U		1.0	U		2.0
2-Chlorotoluene	U		1.0	U		2.0
4-Chlorotoluene	U		1.0	U		2.0
tert-Butylbenzene	U		1.0	U		2.0
1,2,4-Trimethylbenzene	U		1.0	U		2.0
sec-Butylbenzene	U		1.0	U		2.0
p-Isopropyltoluene	U		1.0	U		2.0
1,3-Dichlorobenzene	U		1.0	U		2.0
1,4-Dichlorobenzene	U		1.0	U		2.0
n-Butylbenzene	U		1.0	U		2.0
1,2-Dichlorobenzene	U		1.0	U		2.0
1,2-Dibromo-3-chloropropane	U		20	U		20
1,2,4-Trichlorobenzene	U		1.0	U		2.0
Hexachlorobutadiene	U		1.0	U		2.0
Naphthalene	U		1.0	U		2.0
1,2,3-Trichlorobenzene	U		1.0	U		2.0

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample #	Water Blank A 122004-2		19528		19527		19529		19510	
Location			EPA-2 (D2)		EPA-2 (D3)		EPA-2 (D1)		EPA-1 (D3)	
Collected			12/16/04		12/16/04		12/16/04		12/15/04	
Dil Fact.	1		2		5		5		20	
Unit	µg/L		µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Chloromethane	U	2.0	U	4.0	U	10	U	10	U	40
Vinyl Chloride	U	1.0	3.4	2.0	U	5.0	U	5.0	120	20
Bromomethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Chloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Trichlorofluoromethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Acetone	U	8.0	U	16	69	40	64	40	280	160
1,1-Dichloroethene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Methylene Chloride	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Carbon Disulfide	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Methyl-t-butyl Ether	U	1.0	U	2.0	U	5.0	U	5.0	U	20
trans-1,2-Dichloroethene	U	1.0	3.5	2.0	U	5.0	U	5.0	U	20
1,1-Dichloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
2-Butanone	U	1.0	U	2.0	U	5.0	U	5.0	U	20
2,2-Dichloropropane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
cis-1,2-Dichloroethene	U	1.0	320	2.0	340	5.0	280	5.0	1000	20
Chloroform	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,1-Dichloropropene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2-Dichloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,1,1-Trichloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Carbon Tetrachloride	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Benzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Trichloroethene	U	1.0	5.1	2.0	6.7	5.0	8.6	5.0	U	20
1,2-Dichloropropane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Bromodichloromethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Dibromomethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
cis-1,3-Dichloropropene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
trans-1,3-Dichloropropene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,1,2-Trichloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,3-Dichloropropane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Dibromochloromethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2-Dibromoethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Bromoform	U	1.0	U	2.0	U	5.0	U	5.0	U	20
4-Methyl-2-pentanone	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Toluene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
2-Hexanone	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Tetrachloroethene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Chlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,1,1,2-Tetrachloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Ethylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
p&m-Xylene	U	2.0	U	4.0	U	10	U	10	U	40
o-Xylene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Styrene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Isopropylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,1,2,2-Tetrachloroethane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2,3-Trichloropropane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
n-Propylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Bromobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,3,5-Trimethylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
2-Chlorotoluene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
4-Chlorotoluene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
tert-Butylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2,4-Trimethylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
sec-Butylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
p-Isopropyltoluene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,3-Dichlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,4-Dichlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
n-Butylbenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2-Dichlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2-Dibromo-3-chloropropane	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2,4-Trichlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Hexachlorobutadiene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
Naphthalene	U	1.0	U	2.0	U	5.0	U	5.0	U	20
1,2,3-Trichlorobenzene	U	1.0	U	2.0	U	5.0	U	5.0	U	20

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 122004-2		19511	
Location :			EPA-1 (D3 DUP)	
Collected :			12/15/04	
Dil. Fact. :	1		20	
Unit :	µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	20
Chloromethane	U	2.0	U	40
Vinyl Chloride	U	1.0	140	20
Bromomethane	U	1.0	U	20
Chloroethane	U	1.0	U	20
Trichlorofluoromethane	U	1.0	U	20
Acetone	U	8.0	270	160
1,1-Dichloroethene	U	1.0	U	20
Methylene Chloride	U	1.0	U	20
Carbon Disulfide	U	1.0	U	20
Methyl-t-butyl Ether	U	1.0	U	20
trans-1,2-Dichloroethene	U	1.0	U	20
1,1-Dichloroethane	U	1.0	U	20
2-Butanone	U	1.0	U	20
2,2-Dichloropropane	U	1.0	U	20
cis-1,2-Dichloroethene	U	1.0	1100	20
Chloroform	U	1.0	U	20
1,1-Dichloropropene	U	1.0	U	20
1,2-Dichloroethane	U	1.0	U	20
1,1,1-Trichloroethane	U	1.0	U	20
Carbon Tetrachloride	U	1.0	U	20
Benzene	U	1.0	U	20
Trichloroethene	U	1.0	U	20
1,2-Dichloropropane	U	1.0	U	20
Bromodichloromethane	U	1.0	U	20
Dibromomethane	U	1.0	U	20
cis-1,3-Dichloropropene	U	1.0	U	20
trans-1,3-Dichloropropene	U	1.0	U	20
1,1,2-Trichloroethane	U	1.0	U	20
1,3-Dichloropropane	U	1.0	U	20
Dibromochloromethane	U	1.0	U	20
1,2-Dibromoethane	U	1.0	U	20
Bromoform	U	1.0	U	20
4-Methyl-2-pentanone	U	1.0	U	20
Toluene	U	1.0	U	20
2-Hexanone	U	1.0	U	20
Tetrachloroethene	U	1.0	U	20
Chlorobenzene	U	1.0	U	20
1,1,1,2-Tetrachloroethane	U	1.0	U	20
Ethylbenzene	U	1.0	U	20
p&m-Xylene	U	2.0	U	40
o-Xylene	U	1.0	U	20
Styrene	U	1.0	U	20
Isopropylbenzene	U	1.0	U	20
1,1,2,2-Tetrachloroethane	U	1.0	U	20
1,2,3-Trichloropropane	U	1.0	U	20
n-Propylbenzene	U	1.0	U	20
Bromobenzene	U	1.0	U	20
1,3,5-Trimethylbenzene	U	1.0	U	20
2-Chlorotoluene	U	1.0	U	20
4-Chlorotoluene	U	1.0	U	20
tert-Butylbenzene	U	1.0	U	20
1,2,4-Trimethylbenzene	U	1.0	U	20
sec-Butylbenzene	U	1.0	U	20
p-Isopropyltoluene	U	1.0	U	20
1,3-Dichlorobenzene	U	1.0	U	20
1,4-Dichlorobenzene	U	1.0	U	20
n-Butylbenzene	U	1.0	U	20
1,2-Dichlorobenzene	U	1.0	U	20
1,2-Dibromo-3-chloropropane	U	1.0	U	20
1,2,4-Trichlorobenzene	U	1.0	U	20
Hexachlorobutadiene	U	1.0	U	20
Naphthalene	U	1.0	U	20
1,2,3-Trichlorobenzene	U	1.0	U	20

Table 1.1 Cont. Results of the Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 122104-2		19531		19523		19525	
Location :			EPA-2 (I1)		EPA-9 (D2)		EPA-9 (I2)	
Collected :			12/16/04		12/16/04		12/16/04	
Dil. Fact. :	1		1		1		1	
Unit :	µg/L		µg/L		µg/L		µg/L	
Compound	Conc.	MDL	Conc.	MDL	Conc.	MDL	Conc.	MDL
Dichlorodifluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloromethane	U	2.0	U	2.0	U	2.0	U	2.0
Vinyl Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Bromomethane	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	U	1.0	U	1.0	U	1.0	U	1.0
Acetone	8.5	8.0	U	8.0	U	8.0	U	8.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Disulfide	U	1.0	U	1.0	U	1.0	U	1.0
Methyl-t-butyl Ether	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,2-Dichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
2-Butanone	U	1.0	U	1.0	U	1.0	U	1.0
2,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	U	1.0	12	1.0	2.3	1.0	U	1.0
Chloroform	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Carbon Tetrachloride	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	U	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Bromodichloromethane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromomethane	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2-Trichloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
Dibromochloromethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromoethane	U	1.0	U	1.0	U	1.0	U	1.0
Bromoform	U	1.0	U	1.0	U	1.0	U	1.0
4-Methyl-2-pentanone	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	U	1.0	U	1.0	U	1.0	U	1.0
2-Hexanone	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	U	1.0	U	1.0	U	1.0	U	1.0
Chlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p&m-Xylene	U	2.0	U	2.0	U	2.0	U	2.0
o-Xylene	U	1.0	U	1.0	U	1.0	U	1.0
Styrene	U	1.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichloropropane	U	1.0	U	1.0	U	1.0	U	1.0
n-Propylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
Bromobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,3,5-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
2-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
4-Chlorotoluene	U	1.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,4-Trimethylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
sec-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
p-Isopropyltoluene	U	1.0	U	1.0	U	1.0	U	1.0
1,3-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,4-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
n-Butylbenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
1,2-Dibromo-3-chloropropane	U	20	U	20	U	20	U	20
1,2,4-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0
Hexachlorobutadiene	U	1.0	U	1.0	U	1.0	U	1.0
Naphthalene	U	1.0	U	1.0	U	1.0	U	1.0
1,2,3-Trichlorobenzene	U	1.0	U	1.0	U	1.0	U	1.0

Table 1.2 Results of TIC for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample #	Compound
Water Blank A 121704-3	*No TICs Found*
19512	*No TICs Found*
19513	*No TICs Found*
19514	*No TICs Found*
19517	*No TICs Found*
19516	*No TICs Found*
Water Blank A 121804-2	*No TICs Found*
19518	*No TICs Found*
19519	*No TICs Found*
19520	*No TICs Found*
19521	*No TICs Found*
19524	*No TICs Found*
19526	*No TICs Found*
19530/2x	*No TICs Found*
Water Blank A 122004-2	*No TICs Found*
19528/2x	*No TICs Found*
19527/5x	*No TICs Found*
19529/5x	*No TICs Found*
19510/20x	*No TICs Found*
19511/20x	*No TICs Found*
Water Blank A 122104-2	*No TICs Found*
19531	*No TICs Found*
19523	*No TICs Found*
19525	*No TICs Found*

Table 1.2 (Cont.) Results of TIC for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample #	19509	Unit	µg/L
LabFile#	AV9316	Con. Factor	1.00

	CAS#	Compound	Q	RT	Conc.
1		Unknown Alkane		2.35	124

* Esimated Concerntration (Response Factor = 1)

Table 1.2 (Cont.) Results of TIC for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample #	19515	Unit	µg/L
LabFile#	AV9317	Con. Factor	1.00

	CAS#	Compound	Q	RT	Conc.
1		Unknown Alkane		2.35	174

* Esimated Concerntration (Response Factor = 1)

Results of the Internal Standard Areas and Surrogate Percent Recoveries for VOC in Water

Each sample was spiked with a three component mixture of CLP surrogate standards consisting of toluene-d_8, 4-bromofluorobenzene and 1,2-dichloroethane-d_4. The surrogate percent recoveries, listed in Table 2.1, ranged from 84 to 117. Ninety-three out of 99 recoveries were within the acceptable QC limits. The internal standard areas (for bromochloromethane, 1,4-difluoro-benzene, and chlorobenzene-d_5) are also listed in Table 2.1. All ninety-nine areas are within the acceptable QC limits.

Results of the MS/MSD Percent Recoveries for VOC in Water

Samples 19514, 19523 and 19525 were chosen for the matrix spike/matrix spike duplicate analysis (MS/MSD). The percent recoveries, listed in Table 2.2, ranged from 98 to 212. Twenty-eight out of thirty recoveries are within the acceptable QC limits The relative percent differences, also listed in Table 2.2, ranged from 0 (zero) to 3. All fifteen values are within the acceptable QC limits.

Table 2.1 Results of the Internal Standard Areas & Surrogate Percent Recoveries for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Analysis Date 12/17/04

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9294.D	Water Blank A 121704-3	254815	1871847	1114069	104	103	93
AV9300.D	19512	225978	1626765	969938	104	102	90
AV9301.D	19513	211888	1516947	922639	108	102	90
AV9302.D	19514	203933	1474706	892882	111	103	90
AV9303.D	19514 ms	205586	1490988	909763	110	100	91
AV9304.D	19514 msd	210246	1538660	928702	109	100	89
AV9305.D	19517	197928	1424502	872081	112	102	90
AV9306.D	19516	194769	1397209	855350	113	102	89
Cal Check Area	AV9293.D	275006	1980740	1233590			

Analysis Date 12/18/04

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9315.D	Water Blank A 121804-2	189440	1391507	852114	100	104	88
AV9316.D	19509	186811	1332266	826533	102	103	89
AV9317.D	19515	188068	1362129	838431	100	103	88
AV9318.D	19518	188123	1311972	818292	100	103	88
AV9319.D	19519	183878	1334169	820525	101	104	87
AV9320.D	19520	187468	1329501	815368	99	105	88
AV9321.D	19521	182425	1331266	817738	102	104	89
AV9323.D	19524	182518	1317853	809073	101	104	89
AV9327.D	19526	187832	1321822	814333	101	106	90
AV9329.D	19530/2x	198411	1304986	798417	95	105	90
Cal Check Area	AV9313.D	216997	1557560	1014440			

Analysis Date 12/20/04

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9342.D	Water Blank A 122004-2	210072	1519603	905320	110	103	88
AV9343.D	19528/2x	212622	1461747	869592	105	103	87
AV9344.D	19530/10x	208917	1429120	855558	106	103	87
AV9345.D	19527/5x	204819	1406040	838064	107	104	87
AV9346.D	19529/5x	204532	1382847	836028	107	103	88
AV9348.D	19510/20x	204431	1398092	842280	105	104	86
AV9349.D	19511/20x	203114	1391973	836843	105	104	86
Cal Check Area	AV9335.D	231384	1644090	1061160			

Analysis Date 12/21/04

File ID	Sample No.	IS 1	IS 2	IS 3	Surr. 1	Surr. 2	Surr. 3
AV9362.D	Water Blank A 122104-2	274526	2002608	1153130	104	103	91
AV9363.D	19531	247908	1790005	1050844	108	102	88
AV9364.D	19523	224636	1622767	968746	111	101	87
AV9365.D	19523 ms	219681	1660801	986610	113	100	86
AV9366.D	19523 msd	215263	1639371	975901	114	100	85 *
AV9367.D	19525	203992	1527155	921255	117 *	101	85 *
AV9368.D	19525 ms	208125	1588672	944275	114 *	101	86
AV9369.D	19525 msd	208181	1608374	963174	117 *	100	84 *
Cal Check Area	AV9355.D	236205	1735560	1118410			

				Surrogate QC Limits
IS 1	Bromochloromethane	Surr. 1	1,2-Dichloroethane-d4	76 - 114
IS 2	1,4-Difluorobenzene	Surr. 2	Toluene-d8	88 - 110
IS 3	Chlorobenzene-d5	Surr. 3	p-Bromofluorobenzene	86 - 115

Table 2.2 Results of MS/MSD Analysis for VOC in Water
WA # 0-024, Cayuga County Westbay Sampling Site

Sample ID: 19523

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	57.4	57.4	115	115	0	14	61 - 145
Benzene	U	50.0	50.0	53.8	53.6	108	107	0	11	76 - 127
Trichloroethene	U	50.0	50.0	50.8	50.2	102	100	1	14	71 - 120
Toluene	U	50.0	50.0	53.8	53.4	108	107	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	51.2	50.6	102	101	1	13	75 - 130

Sample ID: 19525

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	57.0	55.6	114	111	3	14	61 - 145
Benzene	U	50.0	50.0	55.0	53.8	110	108	2	11	76 - 127
Trichloroethene	U	50.0	50.0	50.8	49.2	102	98	3	14	71 - 120
Toluene	U	50.0	50.0	55.0	53.4	110	107	3	13	76 - 125
Chlorobenzene	U	50.0	50.0	51.8	50.8	104	102	2	13	75 - 130

Sample ID: 19514

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50.0	50.0	105.8	104.7	212 *	208 *	2	14	61 - 145
Benzene	U	50.0	50.0	53.4	52.7	107	105	2	11	76 - 127
Trichloroethene	U	50.0	50.0	51.0	50.4	102	101	1	14	71 - 120
Toluene	U	50.0	50.0	55.2	54.8	110	110	1	13	76 - 125
Chlorobenzene	U	50.0	50.0	54.4	53.5	109	107	2	13	75 - 130

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~
EPC-04-032
NW

CHAIN OF CUSTODY RECORD

Project Name: CAYUGA County WestBay
Project Number: 0-024
LM Contact: Ken Woodruff Phone:

No: 18682
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC
2111	A 19509 EPA1	Rinsate Blank	W	12/15/04	3	Cool 4°C glass	VOC
2112	A 19510	EPA-1 (D3)	W	12/15/04	3	cool 4°C glass	VOC
2113	A 19511	EPA-1 (D3 Dup)	W	12/15/04	3	cool 4°C glass	VOC
2114	A 19512	EPA-1 (D2)	W	12/15/04	3	cool 4°C glass	VOC
2115	A 19513	EPA-1 (D1)	W	12/15/04	3	Cool 4°C glass	VOC
2116	A 19514	EPA-1 (I2)	W	12/15/04	3	cool 4°C glass	VOC
2117	A19515	EPA-5 RB	W	2/16/04	3	" "	VOC
2118	A19516	EPA-5 (D3)	W	2/16/04	3	" "	VOC
2119	A19517	EPA-5 (D3 Dup)	W	"	3	" "	VOC
2120	A19518	EPA-5 (D2)	W	"	3	" "	VOC
2121	A19519	EPA-5 (D1)	W	"	3	" "	VOC
2122	A19520	EPA-5 (I2)	W	"	3	" "	VOC
2123	A19521	EPA-9 (D3)	W	"	3	" "	VOC
2124	A19522	EPA-9 (D2)	W	"	3	" "	VOC
2125	A19524	EPA-9 (D1)	W	"	3	" "	VOC
2126	A19525	EPA-9 (I2)	W	"	3	" "	VOC
2127	A19526	EPA-9 (I1)	W	"	3	" "	VOC

020

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
(W) Water
X- Other

Special Instructions:

2°C

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
water	[signature]	12/16/04	[signature]	12/17/04	13:00	all analyses	[signature]	12/17/04	[signature]	12/17/04	13:45

002-DAR-021405

R2-0024635

REAC, Edison, N
(732) 321-4200
EPA Contract ~~68-C99-223~~
EPC 04-032
(NV)

CHAIN OF CUSTODY RECORD

Project Name: CAYUGA CO, WESTBAY
Project Number: C-024
LM Contact: Ken Weichrupp Phone:

No: 18683
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative		VOC				
2128	A19527	EPA-2 (D3)	W	12/16/04	3	glass	4°C	VOC				
2129	A19528	EPA-2 (D2)	"	"	"	"	"	VOC				
2130	A19529	EPA-2 (D1)	"	"	"	"	"	VOC				
2131	A19530	EPA-2 (I2)	"	"	"	"	"	VOC				
2132	A19531	EPA-2 (I1)	"	"	"	"	"	VOC				

021

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

2°C

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
VOCs	[signature]	12/16/04	[signature]	12/17/04	13:00	all analyses	[signature]	12/17/04	[signature]	12/17/04	1245

0024-DAR-021405

R2-0024636

APPENDIX D
FINAL ANALYTICAL REPORT FOR MAY 2004 SAMPLING EVENT
CAYUGA COUNTY WESTBAY SAMPLING SITE
CAYUGA COUNTY, NEW YORK

Lockheed Martin Technology Services
Environmental Services REAC
2890 Woodbridge Avenue Building 209 Annex
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

DATE: 10 March 2006

TO: R. Singhvi EPA/ERTC

FROM: V. Kansal Analytical Section Leader Vinod Kansal

SUBJECT: DOCUMENT TRANSMITTAL UNDER WORK ASSIGNMENT #0-024

Attached please find the following document prepared under this work assignment:

Cayuga County Westbay Sampling Site - Analytical Report

Central File WA #0-024	(w/attachment)
D. Bussey	Work Assignment Manager (w/attachment)
K. Woodruff	Task Leader (w/attachment)
J. Soroka	Data Validation and Report Writing Group Leader (w/o attachment)

ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Cayuga County Westbay Sampling Site
Auburn, NY

March 2006

EPA Work Assignment No. 0-024
LOCKHEED MARTIN Work Order EAC00024
EPA Contract No. EP-C-04-032

Submitted to
D. Bussey
EPA-ERTC

K. Woodruff 3/10/06
K. Woodruff — Date
Task Leader

Vinod Kansal 3/10/06
V. Kansal — Date
Analytical Section Leader

Donna Miller 3/13/06
D. Miller — Date
Program Manager

Analysis by:
REAC

Prepared by:
M. Bernick

Reviewed by:
J. Soroka

0024-DAR-031006

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Appendix will be furnished on request.

Introduction

REAC in response to WA0-024, provided analytical support for environmental samples collected from Cayuga County Westbay Sampling Site, located in Auburn, NY as described in the following table. The support also included QA/QC, data review, and preparation of an analytical report containing a summary of the analytical methods, the results, and the QA/QC results.

The samples were treated with procedures consistent with those specified in SOP #1008.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis (Method)	Lab	Data Package
0-024-050905-001	18	5/9/05	5/11/05	Water	VOC (SOP 1806)	REAC	P219
0-024-051105-001	19	5/11/05	5/13/05				
0-024-051205-001	22	5/12/05	5/16/05				
	14	5/13/05					

Case Narrative

Values less than 25% of the reporting limits for organic analyses have not been reported.

<u>VOC in Soil Package P 219</u>

TICs were not reported by the laboratory as requested by the work assignment manager.

In the initial calibration on system A on 05/17/05 the RF for 1,2-dibromo-3-chloropropane was below the minimum RF QC limit for the 5 µg/L standard. The reported RLs are based on the 20 µg/l standard for water blank 051705-02 and 051805-01, samples 0-024-0302, 0-024-0319, 0-024-0320, 0-024-0322, 0-024-0323, 0-024-0325, 0-024-0327, 0-024-0335 and 0-024-0336.

Due to the high concentration of target analytes the following samples were analyzed diluted: 0-024-0332 through 0-024-0336 (20X), 0-024-0325 (10X) and 0-024-0320 (5X). The reported RL for these samples are based on the respected dilution factors of the samples.

Summary of Abbreviations

C	Centigrade
cont.	Continued
D	(Surrogate Table) value is from a diluted sample and was not calculated (Result Table) result was obtained from a diluted sample
Dioxin	Polychlorinated Dibenzo-p-dioxins (PCDD) and Dibenzofurans (PCDF)
CLP	Contract Laboratory Procedure
COC	Chain of Custody
Conc	Concentration
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
DL	Detection Limit
E	Value is greater than the highest linear standard and is estimated
EMPC	Estimated maximum possible concentration
ICAP	Inductively Coupled Argon Plasma
IS	Internal Standard
J	Value is estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDL	Method Detection Limit
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	either Not Applicable or Not Available
NC	Not Calculated
NR	Not Requested
NS	Not Spiked
% D	Percent Difference
% Rec.	Percent Recovery
PAL	Permissible Acceptance Limit
ppbv	parts per billion by volume
PQL	Practical Quantitation Limit
QA/QC	*Quality Assurance/Quality Control*
QL	Quantitation Limit
R	The value is not usable
RL	Reporting Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
Surr	Surrogate
TCLP	Toxic Characteristics Leaching Procedure
U	Not detected

m^3	cubic meter	kg	kilogram	µg	microgram
L	liter	g	gram	pg	picogram
mL	milliliter	mg	milligram	ng	nanogram
µL	microliter	$\mu g/m^3$	microgram/cubic meter		
*	Value exceeds the acceptable QC limit				

Revision 8/03/05

Table 1.1 Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051105-1		0-024-0264		0-024-0265		0-024-0266		0-024-0267	
Location :			EPA-3(QA-RB)		EPA-3(D2)		EPA-3(i2)		EPA-3(I1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051105-1		0-024-0268		0-024-0269		0-024-0270		0-024-0271	
Location :			EPA-3(S2)		EPA-5(D3)		EPA-5(D2)		EPA-5(D1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051105-1		0-024-0272	
Location :			EPA-5(i2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00
Acetone	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00
Benzene	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00
Toluene	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00
Styrene	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051205-1		0-024-0274		0-024-0275		0-024-0276		0-024-0277	
Location :			EPA-5(D3) dup		EPA-9(D3)		EPA-9(D2)		EPA-9(D1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	3.58 J	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051205-1		0-024-0278		0-024-0279		0-024-0280	
Location :			EPA-9(I2)		EPA-9(i1)		EPA-3(D1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	15.7 J	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051305-1		0-024-0273		0-024-0281		0-024-0284		0-024-0282		
Location :			EPA-5(i1)		EPA-3(D3)		EPA-1(D2)		EPA-10(QA-MP)		
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L		RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	6.21	J	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	4.27	J	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	1.32	J	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U		10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051305-1		0-024-0283		0-024-0285		0-024-0286		0-024-0287	
Location :			EPA-10(D3)		EPA-10(D1)		EPA-10(D1) DUP		EPA-10(i2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051305-1		0-024-0288		0-024-0289		0-024-0290		0-024-0291	
Location :			EPA-10(i1)		EPA-10(S3)		EPA-6(D3)		EPA-6(D2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Sample # :	Water Blank B 051405-2		0-024-0292		0-024-0293		0-024-0294		0-024-0295	
Location :			EPA-6 (D1)		EPA-6 (I2)		EPA-6 (i1)		EPA-7 (D3)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051405-2		0-024-0296		0-024-0297		0-024-0298		0-024-0299	
Location :			EPA-7 (D2)		EPA-7 (D1)		EPA-7 (i2)		EPA-7 (i1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051405-2		0-024-0300	
Location :			EPA-7 (S1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	
Dichlorodifluoromethane	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00
Acetone	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00
Benzene	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00
Toluene	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00
Styrene	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051705-1		0-024-0317		0-024-0321		0-024-0328		0-024-0326	
Location :			CY204(i2)		CY205(i2B)		EPA-1(D1)		EPA-1(D1)Dup.	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	176	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	6.09	5.00	5.46	5.00	U	5.00	16.7	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	357	50.0	338	50.0	6.76	5.00	664	100
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	17.4	5.00	23.2	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank B 051705-1		0-024-0303		0-024-0304		0-024-0305	
Location :			EPA-4(D2)		EPA-4(D1)		EPA-4(i2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051805-2		0-024-0307		0-024-0306		0-024-0308		0-024-0309	
Location :			EPA-8 (QA-RB)		EPA-4 (S1)		EPA-8 (D3)		EPA-8 (D2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	2.12 J	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	1.58 J	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051805-2		0-024-0310		0-024-0311		0-024-0312		0-024-0313	
Location :			EPA-8 (D1b)		EPA-8 (D1a)		EPA-8 (i2)		EPA-8 (i1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051805-2		0-024-0314		0-024-0315		0-024-0316		0-024-0318		
Location :			EPA-8 (S1)		CY204(D1A)		CY204(D1A) Dup.		CY204(i1)		
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L		RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U		20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	8.71	5.00	6.78	5.00	3.35	J	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	523	50.0	530	50.0	306		50.0
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Trichloroethene	U	5.00	U	5.00	34.6	5.00	27.5	5.00	16.6		5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U		10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U		5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051805-3		0-024-0329		0-024-0330		0-024-0331		0-024-0337	
Location :			EPA-1(i2)		EPA-1(i1)		EPA-1(S2)		EPA-2(i1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	1.45 J	5.00	U	5.00	U	5.00	2.05 J	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Sample # :	Water Blank B 051805-3		0-024-0324		
Location :			EPA-1(QA-RB)		
Compound	Conc. ug/L	RL ug/L	Conc. ug/L		RL ug/L
Dichlorodifluoromethane	U	5.00	U		5.00
Chloromethane	U	5.00	U		5.00
Vinyl Chloride	U	5.00	U		5.00
Bromomethane	U	5.00	U		5.00
Chloroethane	U	5.00	U		5.00
Trichlorofluoromethane	U	5.00	U		5.00
Acetone	U	20.0	U		20.0
1,1-Dichloroethene	U	5.00	U		5.00
Methylene Chloride	U	5.00	U		5.00
Carbon Disulfide	U	5.00	U		5.00
Methyl-t-butyl Ether	U	5.00	U		5.00
trans-1,2-Dichloroethene	U	5.00	U		5.00
1,1-Dichloroethane	U	5.00	U		5.00
2-Butanone	U	5.00	U		5.00
2,2-Dichloropropane	U	5.00	U		5.00
cis-1,2-Dichloroethene	U	5.00	U		5.00
Chloroform	U	5.00	2.94	J	5.00
1,1-Dichloropropene	U	5.00	U		5.00
1,2-Dichloroethane	U	5.00	U		5.00
1,1,1-Trichloroethane	U	5.00	U		5.00
Carbon Tetrachloride	U	5.00	U		5.00
Benzene	U	5.00	U		5.00
Trichloroethene	U	5.00	U		5.00
1,2-Dichloropropane	U	5.00	U		5.00
Bromodichloromethane	U	5.00	2.13	J	5.00
Dibromomethane	U	5.00	U		5.00
cis-1,3-Dichloropropene	U	5.00	U		5.00
trans-1,3-Dichloropropene	U	5.00	U		5.00
1,1,2-Trichloroethane	U	5.00	U		5.00
1,3-Dichloropropane	U	5.00	U		5.00
Dibromochloromethane	U	5.00	U		5.00
1,2-Dibromoethane	U	5.00	U		5.00
Bromoform	U	5.00	U		5.00
4-Methyl-2-pentanone	U	5.00	U		5.00
Toluene	U	5.00	U		5.00
2-Hexanone	U	5.00	U		5.00
Tetrachloroethene	U	5.00	U		5.00
Chlorobenzene	U	5.00	U		5.00
1,1,1,2-Tetrachloroethane	U	5.00	U		5.00
Ethylbenzene	U	5.00	U		5.00
p&m-Xylene	U	10.0	U		10.0
o-Xylene	U	5.00	U		5.00
Styrene	U	5.00	U		5.00
Isopropylbenzene	U	5.00	U		5.00
1,1,2,2-Tetrachloroethane	U	5.00	U		5.00
1,2,3-Trichloropropane	U	5.00	U		5.00
n-Propylbenzene	U	5.00	U		5.00
Bromobenzene	U	5.00	U		5.00
1,3,5-Trimethylbenzene	U	5.00	U		5.00
2-Chlorotoluene	U	5.00	U		5.00
4-Chlorotoluene	U	5.00	U		5.00
tert-Butylbenzene	U	5.00	U		5.00
1,2,4-Trimethylbenzene	U	5.00	U		5.00
sec-Butylbenzene	U	5.00	U		5.00
p-Isopropyltoluene	U	5.00	U		5.00
1,3-Dichlorobenzene	U	5.00	U		5.00
1,4-Dichlorobenzene	U	5.00	U		5.00
n-Butylbenzene	U	5.00	U		5.00
1,2-Dichlorobenzene	U	5.00	U		5.00
1,2-Dibromo-3-chloropropane	U	5.00	U		5.00
1,2,4-Trichlorobenzene	U	5.00	U		5.00
Hexachlorobutadiene	U	5.00	U		5.00
Naphthalene	U	5.00	U		5.00
1,2,3-Trichlorobenzene	U	5.00	U		5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank B 051905-2		0-024-0332		0-024-0333		0-024-0334	
Location :			EPA-2(D3)		EPA-2(D2)		EPA-2(D2) dup.	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	100	U	100	U	100
Chloromethane	U	5.00	U	100	U	100	U	100
Vinyl Chloride	U	5.00	U	100	U	100	U	100
Bromomethane	U	5.00	U	100	U	100	U	100
Chloroethane	U	5.00	U	100	U	100	U	100
Trichlorofluoromethane	U	5.00	U	100	U	100	U	100
Acetone	U	20.0	U	400	U	400	U	400
1,1-Dichloroethene	U	5.00	U	100	U	100	U	100
Methylene Chloride	U	5.00	U	100	U	100	U	100
Carbon Disulfide	U	5.00	U	100	U	100	U	100
Methyl-t-butyl Ether	U	5.00	U	100	U	100	U	100
trans-1,2-Dichloroethene	U	5.00	U	100	U	100	U	100
1,1-Dichloroethane	U	5.00	U	100	U	100	U	100
2-Butanone	U	5.00	U	100	U	100	U	100
2,2-Dichloropropane	U	5.00	U	100	U	100	U	100
cis-1,2-Dichloroethene	U	5.00	1240	100	1170	100	1280	100
Chloroform	U	5.00	U	100	U	100	U	100
1,1-Dichloropropene	U	5.00	U	100	U	100	U	100
1,2-Dichloroethane	U	5.00	U	100	U	100	U	100
1,1,1-Trichloroethane	U	5.00	U	100	U	100	U	100
Carbon Tetrachloride	U	5.00	U	100	U	100	U	100
Benzene	U	5.00	U	100	U	100	U	100
Trichloroethene	U	5.00	92.0 J	100	88.6 J	100	95.3 J	100
1,2-Dichloropropane	U	5.00	U	100	U	100	U	100
Bromodichloromethane	U	5.00	U	100	U	100	U	100
Dibromomethane	U	5.00	U	100	U	100	U	100
cis-1,3-Dichloropropene	U	5.00	U	100	U	100	U	100
trans-1,3-Dichloropropene	U	5.00	U	100	U	100	U	100
1,1,2-Trichloroethane	U	5.00	U	100	U	100	U	100
1,3-Dichloropropane	U	5.00	U	100	U	100	U	100
Dibromochloromethane	U	5.00	U	100	U	100	U	100
1,2-Dibromoethane	U	5.00	U	100	U	100	U	100
Bromoform	U	5.00	U	100	U	100	U	100
4-Methyl-2-pentanone	U	5.00	U	100	U	100	U	100
Toluene	U	5.00	U	100	U	100	U	100
2-Hexanone	U	5.00	U	100	U	100	U	100
Tetrachloroethene	U	5.00	U	100	U	100	U	100
Chlorobenzene	U	5.00	U	100	U	100	U	100
1,1,1,2-Tetrachloroethane	U	5.00	U	100	U	100	U	100
Ethylbenzene	U	5.00	U	100	U	100	U	100
p&m-Xylene	U	10.0	U	200	U	200	U	200
o-Xylene	U	5.00	U	100	U	100	U	100
Styrene	U	5.00	U	100	U	100	U	100
Isopropylbenzene	U	5.00	U	100	U	100	U	100
1,1,2,2-Tetrachloroethane	U	5.00	U	100	U	100	U	100
1,2,3-Trichloropropane	U	5.00	U	100	U	100	U	100
n-Propylbenzene	U	5.00	U	100	U	100	U	100
Bromobenzene	U	5.00	U	100	U	100	U	100
1,3,5-Trimethylbenzene	U	5.00	U	100	U	100	U	100
2-Chlorotoluene	U	5.00	U	100	U	100	U	100
4-Chlorotoluene	U	5.00	U	100	U	100	U	100
tert-Butylbenzene	U	5.00	U	100	U	100	U	100
1,2,4-Trimethylbenzene	U	5.00	U	100	U	100	U	100
sec-Butylbenzene	U	5.00	U	100	U	100	U	100
p-Isopropyltoluene	U	5.00	U	100	U	100	U	100
1,3-Dichlorobenzene	U	5.00	U	100	U	100	U	100
1,4-Dichlorobenzene	U	5.00	U	100	U	100	U	100
n-Butylbenzene	U	5.00	U	100	U	100	U	100
1,2-Dichlorobenzene	U	5.00	U	100	U	100	U	100
1,2-Dibromo-3-chloropropane	U	5.00	U	100	U	100	U	100
1,2,4-Trichlorobenzene	U	5.00	U	100	U	100	U	100
Hexachlorobutadiene	U	5.00	U	100	U	100	U	100
Naphthalene	U	5.00	U	100	U	100	U	100
1,2,3-Trichlorobenzene	U	5.00	U	100	U	100	U	100

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank A 051705-2		0-024-0302		0-024-0319		0-024-0322		0-024-0323	
Location :			EPA-4 (D3)		CY204 (S1)		CY205 (i2a)		CY205 (S1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Vinyl Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichlorofluoromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Acetone	10.9 J	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,1-Dichloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methylene Chloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Disulfide	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Methyl-t-butyl Ether	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	1.58 J	5.00	U	5.00
1,1-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Butanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,2-Dichloroethene	U	5.00	U	5.00	U	5.00	101	5.00	3.16 J	5.00
Chloroform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Carbon Tetrachloride	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Benzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Trichloroethene	U	5.00	U	5.00	U	5.00	5.74	5.00	U	5.00
1,2-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromodichloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromomethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
cis-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
trans-1,3-Dichloropropene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2-Trichloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Dibromochloromethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromoethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromoform	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Methyl-2-pentanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Toluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Hexanone	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Tetrachloroethene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Chlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,1,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Ethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p&m-Xylene	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0
o-Xylene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Styrene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Isopropylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,1,2,2-Tetrachloroethane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichloropropane	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Propylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Bromobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3,5-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
2-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
4-Chlorotoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
tert-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,4-Trimethylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
sec-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
p-Isopropyltoluene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,3-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,4-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
n-Butylbenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2-Dibromo-3-chloropropane	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0
1,2,4-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Hexachlorobutadiene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
Naphthalene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00
1,2,3-Trichlorobenzene	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Method REAC SOP 1806

Sample # :	Water Blank A 051805-1		0-024-0325		0-024-0320		0-024-0327		0-024-0335	
Location :			EPA-1(D3)		CY205(D1a)		EPA-1(D2)		EPA-2(D1)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Chloromethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Vinyl Chloride	U	5.00	187	50.0	U	25.0	1.46 J	5.00	U	100
Bromomethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Chloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Trichlorofluoromethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Acetone	U	20.0	U	200	U	100	U	20.0	U	400
1,1-Dichloroethene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Methylene Chloride	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Carbon Disulfide	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Methyl-t-butyl Ether	U	5.00	U	50.0	U	25.0	U	5.00	U	100
trans-1,2-Dichloroethene	U	5.00	14.2 J	50.0	U	25.0	U	5.00	U	100
1,1-Dichloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
2-Butanone	U	5.00	U	50.0	U	25.0	U	5.00	U	100
2,2-Dichloropropane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
cis-1,2-Dichloroethene	U	5.00	767	50.0	458	25.0	9.98	5.00	1300	100
Chloroform	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,1-Dichloropropene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2-Dichloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,1,1-Trichloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Carbon Tetrachloride	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Benzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Trichloroethene	U	5.00	U	50.0	25.3	25.0	U	5.00	93.6 J	100
1,2-Dichloropropane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Bromodichloromethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Dibromomethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
cis-1,3-Dichloropropene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
trans-1,3-Dichloropropene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,1,2-Trichloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,3-Dichloropropane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Dibromochloromethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2-Dibromoethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Bromoform	U	5.00	U	50.0	U	25.0	U	5.00	U	100
4-Methyl-2-pentanone	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Toluene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
2-Hexanone	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Tetrachloroethene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Chlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,1,1,2-Tetrachloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Ethylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
p&m-Xylene	U	10.0	U	100	U	50.0	U	10.0	U	200
o-Xylene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Styrene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Isopropylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,1,2,2-Tetrachloroethane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2,3-Trichloropropane	U	5.00	U	50.0	U	25.0	U	5.00	U	100
n-Propylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Bromobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,3,5-Trimethylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
2-Chlorotoluene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
4-Chlorotoluene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
tert-Butylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2,4-Trimethylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
sec-Butylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
p-Isopropyltoluene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,3-Dichlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,4-Dichlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
n-Butylbenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2-Dichlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2-Dibromo-3-chloropropane	U	20.0	U	200	U	100	U	20.0	U	400
1,2,4-Trichlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Hexachlorobutadiene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
Naphthalene	U	5.00	U	50.0	U	25.0	U	5.00	U	100
1,2,3-Trichlorobenzene	U	5.00	U	50.0	U	25.0	U	5.00	U	100

Table 1.1 (cont.) Results of the Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample # :	Water Blank A 051805-1		0-024-0336	
Location :			EPA-2(i2)	
Compound	Conc. ug/L	RL ug/L	Conc. ug/L	RL ug/L
Dichlorodifluoromethane	U	5.00	U	100
Chloromethane	U	5.00	U	100
Vinyl Chloride	U	5.00	U	100
Bromomethane	U	5.00	U	100
Chloroethane	U	5.00	U	100
Trichlorofluoromethane	U	5.00	U	100
Acetone	U	20.0	U	400
1,1-Dichloroethene	U	5.00	U	100
Methylene Chloride	U	5.00	U	100
Carbon Disulfide	U	5.00	U	100
Methyl-t-butyl Ether	U	5.00	U	100
trans-1,2-Dichloroethene	U	5.00	U	100
1,1-Dichloroethane	U	5.00	U	100
2-Butanone	U	5.00	U	100
2,2-Dichloropropane	U	5.00	U	100
cis-1,2-Dichloroethene	U	5.00	282	100
Chloroform	U	5.00	U	100
1,1-Dichloropropene	U	5.00	U	100
1,2-Dichloroethane	U	5.00	U	100
1,1,1-Trichloroethane	U	5.00	U	100
Carbon Tetrachloride	U	5.00	U	100
Benzene	U	5.00	U	100
Trichloroethene	U	5.00	26.4 J	100
1,2-Dichloropropane	U	5.00	U	100
Bromodichloromethane	U	5.00	U	100
Dibromomethane	U	5.00	U	100
cis-1,3-Dichloropropene	U	5.00	U	100
trans-1,3-Dichloropropene	U	5.00	U	100
1,1,2-Trichloroethane	U	5.00	U	100
1,3-Dichloropropane	U	5.00	U	100
Dibromochloromethane	U	5.00	U	100
1,2-Dibromoethane	U	5.00	U	100
Bromoform	U	5.00	U	100
4-Methyl-2-pentanone	U	5.00	U	100
Toluene	U	5.00	U	100
2-Hexanone	U	5.00	U	100
Tetrachloroethene	U	5.00	U	100
Chlorobenzene	U	5.00	U	100
1,1,1,2-Tetrachloroethane	U	5.00	U	100
Ethylbenzene	U	5.00	U	100
p&m-Xylene	U	10.0	U	200
o-Xylene	U	5.00	U	100
Styrene	U	5.00	U	100
Isopropylbenzene	U	5.00	U	100
1,1,2,2-Tetrachloroethane	U	5.00	U	100
1,2,3-Trichloropropane	U	5.00	U	100
n-Propylbenzene	U	5.00	U	100
Bromobenzene	U	5.00	U	100
1,3,5-Trimethylbenzene	U	5.00	U	100
2-Chlorotoluene	U	5.00	U	100
4-Chlorotoluene	U	5.00	U	100
tert-Butylbenzene	U	5.00	U	100
1,2,4-Trimethylbenzene	U	5.00	U	100
sec-Butylbenzene	U	5.00	U	100
p-Isopropyltoluene	U	5.00	U	100
1,3-Dichlorobenzene	U	5.00	U	100
1,4-Dichlorobenzene	U	5.00	U	100
n-Butylbenzene	U	5.00	U	100
1,2-Dichlorobenzene	U	5.00	U	100
1,2-Dibromo-3-chloropropane	U	20.0	U	400
1,2,4-Trichlorobenzene	U	5.00	U	100
Hexachlorobutadiene	U	5.00	U	100
Naphthalene	U	5.00	U	100
1,2,3-Trichlorobenzene	U	5.00	U	100

Table 2.1 Results of MS/MSD Analysis for Volatile Organics in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: 0-024-0276

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	54.3	53.0	109	106	3	22	59 - 172
Benzene	U	50	50	51.6	51.0	103	102	1	21	66 - 142
Trichloroethene	U	50	50	52.7	52.7	105	105	0	24	62 - 137
Toluene	U	50	50	51.8	51.2	104	102	1	21	59 - 139
Chlorobenzene	U	50	50	51.4	50.8	103	102	1	21	60 - 133

Sample ID: 0-024-0291

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	55.0	55.1	110	110	0	22	59 - 172
Benzene	U	50	50	52.8	53.2	106	106	1	21	66 - 142
Trichloroethene	U	50	50	53.4	54.2	107	108	2	24	62 - 137
Toluene	U	50	50	52.4	53.3	105	107	2	21	59 - 139
Chlorobenzene	U	50	50	52.3	53.0	105	106	1	21	60 - 133

Sample ID: 0-024-0296

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	50.1	50.5	100	101	1	22	59 - 172
Benzene	U	50	50	50.0	51.6	100	103	3	21	66 - 142
Trichloroethene	U	50	50	49.9	51.3	100	103	3	24	62 - 137
Toluene	U	50	50	49.8	51.1	100	102	3	21	59 - 139
Chlorobenzene	U	50	50	50.7	51.3	101	103	1	21	60 - 133

Sample ID: 0-024-0317

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	51.9	52.3	104	105	1	22	59 - 172
Benzene	U	50	50	50.0	50.4	100	101	1	21	66 - 142
Trichloroethene	17.4	50	50	70.3	71.0	106	107	1	24	62 - 137
Toluene	U	50	50	51.6	51.8	103	104	1	21	59 - 139
Chlorobenzene	U	50	50	52.4	52.7	105	105	1	21	60 - 133

Table 2.1 (cont.) Results of MS/MSD Analysis for Volatile Organics in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: 0-024-0321

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	51.56	50.64	103	101	1.8	22	59 - 172
Benzene	U	50	50	49.9	50.1	100	100	0	21	66 - 142
Trichloroethene	23.2	50	50	77.4	78.8	108	111	3	24	62 - 137
Toluene	U	50	50	51.6	51.2	103	102	1	21	59 - 139
Chlorobenzene	U	50	50	52.7	52.3	105	105	1	21	60 - 133

Sample ID: 0-024-0328

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	51.9	50.6	104	101	3	22	59 - 172
Benzene	U	50	50	50.0	49.6	100	99	1	21	66 - 142
Trichloroethene	U	50	50	52.1	50.7	104	101	3	24	62 - 137
Toluene	U	50	50	51.7	51.1	103	102	1	21	59 - 139
Chlorobenzene	U	50	50	52.7	52.4	105	105	1	21	60 - 133

Sample ID: 0-024-0302

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	55.3	54.2	111	108	2	22	59 - 172
Benzene	U	50	50	52.2	51.3	104	103	2	21	66 - 142
Trichloroethene	U	50	50	50.1	49.1	100	98	2	24	62 - 137
Toluene	U	50	50	53.4	52.6	107	105	2	21	59 - 139
Chlorobenzene	U	50	50	52.3	51.3	105	103	2	21	60 - 133

Sample No. : 0-0165-0657 5X

Compound Name	Sample Conc. (µg/L)	MS Spike Added (µg/L)	MSD Spike Added (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS % Rec.	MSD % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
1,1-Dichloroethene	U	50	50	59.2	54.1	118	108	9	22	59 - 172
Benzene	U	50	50	52.2	52.2	104	104	0	21	66 - 142
Trichloroethene	U	50	50	50.4	50.2	101	100	0	24	62 - 137
Toluene	U	50	50	53.4	53.4	107	107	0	21	59 - 139
Chlorobenzene	U	50	50	52.2	52.4	104	105	0	21	60 - 133

Table 2.2 Results of LCS Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: LCS BW 6

Compound Name	LCS Spike Added (µg/kg)	LCS Conc. (µg/kg)	LCS % Rec.	QC Limits % Rec.
1,1-Dichloroethene	50.0	51.7	103	70 - 130
Benzene	50.0	49.4	99	70 - 130
Trichloroethene	50.0	49.5	99	70 - 130
Toluene	50.0	49.8	100	70 - 130
Chlorobenzene	50.0	49.7	99	70 - 130

Sample ID: LCS BW 7

Compound Name	LCS Spike Added (µg/kg)	LCS Conc. (µg/kg)	LCS % Rec.	QC Limits % Rec.
1,1-Dichloroethene	50.0	51.8	104	70 - 130
Benzene	50.0	50.1	100	70 - 130
Trichloroethene	50.0	50.6	101	70 - 130
Toluene	50.0	50.3	101	70 - 130
Chlorobenzene	50.0	50.1	100	70 - 130

Sample ID: LCS BW 8

Compound Name	LCS Spike Added (µg/kg)	LCS Conc. (µg/kg)	LCS % Rec.	QC Limits % Rec.
1,1-Dichloroethene	50.0	46.4	93	70 - 130
Benzene	50.0	46.7	93	70 - 130
Trichloroethene	50.0	46.4	93	70 - 130
Toluene	50.0	46.5	93	70 - 130
Chlorobenzene	50.0	47.0	94	70 - 130

Sample ID: LCS BW 9

Compound Name	LCS Spike Added (µg/kg)	LCS Conc. (µg/kg)	LCS % Rec.	QC Limits % Rec.
1,1-Dichloroethene	50.0	50.6	101	70 - 130
Benzene	50.0	51.4	103	70 - 130
Trichloroethene	50.0	50.8	102	70 - 130
Toluene	50.0	50.8	102	70 - 130
Chlorobenzene	50.0	51.7	103	70 - 130

Table 2.2 (cont.) Results of LCS Analysis for VOC in Water
WA # 0-024 Cayuga County Westbay Sampling Site

Sample ID: LCS BW 12	LCS Spike Added	LCS Conc.	LCS %	QC Limits
Compound Name	(µg/kg)	(µg/kg)	Rec.	% Rec.
1,1-Dichloroethene	50.0	51.7	103	70 - 130
Benzene	50.0	49.5	99	70 - 130
Trichloroethene	50.0	51.5	103	70 - 130
Toluene	50.0	50.9	102	70 - 130
Chlorobenzene	50.0	52.2	104	70 - 130

Sample ID: LCS BW 13	LCS Spike Added	LCS Conc.	LCS %	QC Limits
Compound Name	(µg/kg)	(µg/kg)	Rec.	% Rec.
1,1-Dichloroethene	50.0	51.9	104	70 - 130
Benzene	50.0	48.3	97	70 - 130
Trichloroethene	50.0	49.5	99	70 - 130
Toluene	50.0	47.5	95	70 - 130
Chlorobenzene	50.0	48.6	97	70 - 130

Sample ID: LCS BW 14	LCS Spike Added	LCS Conc.	LCS %	QC Limits
Compound Name	(µg/kg)	(µg/kg)	Rec.	% Rec.
1,1-Dichloroethene	50.0	50.6	101	70 - 130
Benzene	50.0	50.9	102	70 - 130
Trichloroethene	50.0	49.6	99	70 - 130
Toluene	50.0	49.9	100	70 - 130
Chlorobenzene	50.0	50.0	100	70 - 130

0024-DAR-031006

050905-001

CHAIN OF CUSTODY RECORD

No: 0-024-0015

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
4351	0-024-0264	EPA-3 (QA-RB)	VOA	Distilled Water	5/9/2005	3	40 ml vial	4 C	N
4352	0-024-0265	EPA-3(D2)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4353	0-024-0266	EPA-3(i2)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4354	0-024-0267	EPA-3 (I1)	VOA	Ground Water	5/9/2005	2	40 ml vial	4 C	N
4355	0-024-0268	EPA-3 (S2)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4356	0-024-0269	EPA-5(D3)	VOA	Ground Water	5/9/2005	2	40 ml vial	4 C	N
4357	0-024-0270	EPA-5(D2)	VOA	Ground Water	5/9/2005	4	40 ml vial	4 C	Y
4358	0-024-0271	EPA-5(D1)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4359	0-024-0272	EPA-5(i2)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4360	0-024-0273	EPA-5(i1)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4361	0-024-0274	EPA-5(D3) dup	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4362	0-024-0275	EPA-9(D3)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4363	0-024-0276	EPA-9(D2)	VOA	Ground Water	5/9/2005	5	40 ml vial	4 C	Y

Special Instructions: Sample 4361 has 2 extra vials
Sample 4356 is missing a vial
Sample 4357 has an extra vial

12°C

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	5/10/05	[illegible]	5/11/05	11:30	All/Analysis	[illegible]	5/11/05	[illegible]	5/11/05	12:20

0024-DAR-031006

050905-000

No: 0-024-~~0015~~ KW

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

CHAIN OF CUSTODY RECORD

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
4364	0-024-0277	EPA-9(D1)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4365	0-024-0278	EPA-9(I2)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4366	0-024-0279	EPA-9(i1)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4367	0-024-0280	EPA-3 (D1)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N
4368	0-024-0281	EPA-3 (D-3)	VOA	Ground Water	5/9/2005	3	40 ml vial	4 C	N

KW

030

Special Instructions:

1,2,0C

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all analyses	K. Woodruff	5/10/05	[illegible]	5/11/05	11:30	All Analysis	[illegible]	5/11/05	[illegible]	5/11/05	1220

R2-0024670

0024-DAR-037006

(KW)

051105-0C

CHAIN OF CUSTODY RECORD

No: 0-024-~~0016~~

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
586	0-024-0282	EPA-10(QA-MP)	VOA	Distilled Water	5/11/2005	3	40 ml vial	4 C	N
4387	0-024-0283	EPA-10((D3)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4388	0-024-0284	EPA-1(D2)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4389	0-024-0285	EPA-10((D1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4390	0-024-0286	EPA-10 (D1) DUP	VOA	GW	5/11/2005	2	40 ml vial	4 C	N
4391	0-024-0287	EPA-10(i2)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4392	0-024-0288	EPA-10(i1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4393	0-024-0289	EPA-10((S3)	VOA	GW	5/11/2005	2	40 ml vial	4 C	N
4394	0-024-0290	EPA-6(D3)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4395	0-024-0291	EPA-6(D2)	VOA	GW	5/11/2005	5	40 ml vial	4 C	Y
4396	0-024-0292	EPA-6(D1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4397	0-024-0293	EPA-6(I2)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4398	0-024-0294	EPA-6(i1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4399	0-024-0295	EPA-7(D3)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4400	0-024-0296	EPA-7(D2)	VOA	GW	5/11/2005	5	40 ml vial	4 C	Y
4401	0-024-0297	EPA-7(D1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4402	0-024-0298	EPA-7(i2)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4403	0-024-0299	EPA-7(i1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N
4404	0-024-0300	EPA-7(S1)	VOA	GW	5/11/2005	3	40 ml vial	4 C	N

K.W.

Special Instructions: GW = groundwater

7°C

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	5/12/05	Jerry Motta	5/13/05	11:45	All/Analysis	Jerry Motta	5/13/05	J. Mussel	12:00	5-13-05

0024-DAR-031006

051205-OC

CHAIN OF CUSTODY RECORD

No: 0-024-0047

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
4432	0-024-0302	EPA-4(D3))	VOA	GW	5/12/2005	3	40 ml VOA	4 C	N
4433	0-024-0303	EPA-4(D2))	VOA	GW	5/12/2005	3	40 ml vial	4 C	
4434	0-024-0304	EPA-4(D1))	VOA	GW	5/12/2005	3	40 ml VOA		
4435	0-024-0305	EPA-4(i2)	VOA	GW	5/12/2005	3	40 ml vial		
4436	0-024-0306	EPA -4 (S1)	VOA	GW	5/12/2005	3	40 ml vial		
4437	0-024-0307	EPA-8 (QA-RB)	VOA	Distilled Water	5/12/2005	3	40 ml vial		
4438	0-024-0308	EPA-8(D3)	VOA	GW	5/12/2005	3	40 ml vial		
4439	0-024-0309	EPA-8(D2)	VOA	GW	5/12/2005	3	40 ml VOA		
4440	0-024-0310	EPA-8(D1b)	VOA	GW	5/12/2005	3	40 ml vial		
4441	0-024-0311	EPA-8(D1a)	VOA	GW	5/12/2005	3	40 ml vial		
4442	0-024-0312	EPA-8(i2)	VOA	GW	5/12/2005	3	40 ml vial		N
4443	0-024-0313	EPA-8(i1)	VOA	GW	5/12/2005	3	40 ml VOA	4 C	N
4444	0-024-0314	EPA-8(S1)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N
4445	0-024-0315	CY204(D1A)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N
4446	0-024-0316	CY204(D1A) dup	VOA	GW	5/12/2005	2	40 ml vial	4 C	N
4447	0-024-0317	CY204(i2)	VOA	GW	5/12/2005	5	40 ml vial	4 C	Y
4448	0-024-0318	CY204(i1)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N
4449	0-024-0319	CY204(S1)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N
4450	0-024-0320	CY205(D1a)	VOA	GW	5/12/2005	2	40 ml vial	4 C	N
4451	0-024-0321	CY205(i2B)	VOA	GW	5/12/2005	4	40 ml vial	4 C	Y
4452	0-024-0322	CY205(i2a)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N
4453	0-024-0323	CY205(S1)	VOA	GW	5/12/2005	3	40 ml vial	4 C	N

hand - deliver mfg

OPEN OFFICE ONLY

Special Instructions:

30C

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analysis	K. Woodruff	5/16/05	Jerry Morris	5/16/05	9:50	108/Analysis	Jerry Morris	5/16/05	Y. Menusch	5-16-05	12 00

(KW)

051205-001

0024-DAR-031006

CHAIN OF CUSTODY RECORD

REAC, Edison, NJ
EPA Contract #: EP-C-04-032
Cayuga Co. Westbay Sampling

Site #: 024
Contact Name: K. Woodruff
Contact Phone: 609-865-9317

No: 0-024-0017
Cooler #:
Edison, NJ
Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
4454	0-024-0324	EPA-1(QA-RB)	VOA	Distilled Water	5/13/2005	3	40 ml vial	4 C	N
4455	0-024-0325	EPA-1(D3)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4456	0-024-0326	EPA-1(D1) DUP	VOA	GW	5/13/2005	2	40 ml vial	4 C	N
4457	0-024-0327	EPA-1(D2)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4458	0-024-0328	EPA-1(D1)	VOA	GW	5/13/2005	5	40 ml vial	4 C	Y
4459	0-024-0329	EPA-1(i2)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4460	0-024-0330	EPA-1(i1)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4461	0-024-0331	EPA-1(S2)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4462	0-024-0332	EPA-2(D3)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4463	0-024-0333	EPA-2(D2)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4464	0-024-0334	EPA-2(D2) DUP	VOA	GW	5/13/2005	2	40 ml vial	4 C	N
4465	0-024-0335	EPA-2(D1)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4466	0-024-0336	EPA-2(i2)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N
4467	0-024-0337	EPA-2(i1)	VOA	GW	5/13/2005	3	40 ml vial	4 C	N

033

KW

Special Instructions:

(3°C)

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
all/analyses	K. Woodruff	5/16/05	[illegible]	5/16/05	9:50	108/Analysis	[illegible]	5/16/05	J. Nemer	5-16-05	1200

R2-0024673