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INTERIM MEASURE WORK PLAN PHASE II GROUNDWATER SOURCE AREA REMEDIATION FOR SOLID WASTE MANAGEMENT UNIT 39 (SWMU 39) ZONE A CNC CHARLESTON SC

10/1/2004

CH2M HILL

INTERIM MEASURE WORK PLAN

Phase II - Groundwater Source Area Remediation - SWMU 39, Zone A

Charleston Naval Complex
North Charleston, South Carolina

SUBMITTED TO
U.S. Navy Southern Division
Naval Facilities Engineering Command

PREPARED BY
CH2M-Jones

October 2004

Contract N62467-99-C-0960

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Revision 1
Contract N62467-99-C-0960
158814.ZA.EX.01

Certification Page for the Phase II – Source Area Interim Measure Work Plan (Revision 1) — SWMU 39, Zone A

I, Dean Williamson, certify that this report has been prepared under my direct supervision. The data and information are, to the best of my knowledge, accurate and correct, and the report has been prepared in accordance with current standards of practice for engineering.

South Carolina

P.E. No. 21428

Dean Williamson, P.E.

10/26/2009

Date

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Acronyms and Abbreviations

AOC	Area of concern
BRAC	Base Realignment and Closure
CA	Corrective Action
CMS	Corrective Measures Study
CNC	Charleston Naval Complex
COC	Chemical of concern
CSAP	Comprehensive Sampling and Analysis Plan
CVOC	Chlorinated volatile organic compound
DCE	Dichloroethene
DHE	*Dehalococcoides etheneogenes*
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved oxygen
DPT	Direct-push technology
EnSafe	EnSafe Inc.
EPA	U.S. Environmental Protection Agency
ERD	Enhanced reductive dechlorination
EVS	Environmental Visualization System
ft bls	Feet below land surface
GW	Groundwater
HASP	Health and Safety Plan
HRC®	Hydrogen release compound
IDW	Investigation-derived waste
IM	Interim measure
IMWP	Interim Measure Work Plan
µg/L	Microgram per liter

Acronyms and Abbreviations, Continued

MSDS	Material Safety Data Sheet
NAVBASE	Naval Base
ORP	Oxygen-reduction potential
PCE	Tetrachloroethene
PCR	Polymerase Chain Reaction
PLFA	Phospholipid fatty acid
POL	Petroleum, oil, and lubricant
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SCDHEC	South Carolina Department of Health and Environmental Control
SWMU	Solid waste management unit
TCE	Trichloroethene
TOC	Total organic carbon
TTA	Target treatment area
UIC	Underground injection control
VFA	Volatile fatty acid
VOA	Volatile organic analysis
VOC	Volatile organic compound
ZVI	Zero-valent iron

Section 1.0

1.0 Introduction

In 1993, Naval Base (NAVBASE) Charleston was added to the list of bases scheduled for closure as part of the Defense Base Realignment and Closure (BRAC) Act, which regulates closure and transition of property to the community. The Charleston Naval Complex (CNC) was formed as a result of the dis-establishment of the Charleston Naval Shipyard and NAVBASE on April 1, 1996.

CNC Corrective Action (CA) activities are being conducted under the Resource Conservation and Recovery Act (RCRA); the South Carolina Department of Health and Environmental Control (SCDHEC) is the lead agency for CA activities at the site. All RCRA CA activities are performed in accordance with the Final Permit (Permit No. SC0 170 022 560).

In April 2000, CH2M-Jones was awarded a contract to provide environmental investigation and remediation services at the CNC. This submittal presents a Phase II Interim Measure Work Plan (IMWP) for Solid Waste Management Unit (SWMU) 39 in Zone A at the CNC. Figure 1-1 presents the location of SWMU 39 within Zone A.

1.1 Purpose and Objectives of the Phase II Interim Measure Work Plan

This document presents a Phase II IMWP for the source area or areas exhibiting elevated concentrations of chlorinated volatile organic compounds (CVOCs). The Phase II IMWP has been prepared to document the basis for a source area interim measure (IM) implementation at SWMU 39 of the CNC. The goal of this IM is to reduce areas of elevated CVOC concentrations in the saturated zone in terms of both mass and volume. These groundwater source areas are contaminated primarily with trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE). The target treatment areas (TTAs) to be addressed in this IM were determined based on the results of the recently completed Phase I IM source delineation activities, which are also described in this document.

1.2 Site Description

SWMU 39 is the site of a former outdoor storage area for petroleum, oil, and lubricant (POL) drums along the north wall of Building 1604. Figure 1-2 is an aerial photograph of the

general layout of SWMU 39. Building 1604 is a large warehouse located near the northern boundary of the CNC. SWMU 39 is bounded to the north by the Hess Oil tank farm, to the west by a road and railroad along the base boundary, to the south by railroad lines and buildings associated with SWMU 42, and to the east by buildings associated with SWMU 38.

A marine equipment company currently leases Building 1604 and stores boats and other marine equipment outdoors, north of the building. The original area on the north side of the building where drums were reportedly stored is now covered with asphalt pavement.

Several CVOCs, such as TCE, 1,2-DCE, and vinyl chloride, have been identified as chemicals of concern (COCs) in groundwater in the shallow aquifer at SWMU 39. The source of volatile organic compounds (VOCs) in groundwater is believed to have resulted from minor spills of TCE that occurred at various times during many years of site operations at various locations in the vicinity of SWMU 39. No source of VOC contamination in soil has been identified.

Source reduction of elevated groundwater concentrations of the parent CVOC, TCE, is the focus of this IM. The areas of elevated concentration, identified as TTAs 1A and 1B, are located 500 feet downgradient (southeast) of Building 1604 near former Buildings 1608A and 1608B. Concrete foundations for these structures exist and the immediate area surrounding these former buildings is no longer in use.

1.3 Report Organization

This report consists of the following sections, including this introductory section:

1.0 Introduction—Presents the purpose and objectives of the Phase II IMWP.

2.0 Site Background and Source Area Delineation Investigation—Provides a summary of site geology and hydrogeology information and a brief summary of previous investigations, including the recent source area delineation direct-push technology (DPT) investigation.

3.0 Interim Measure Work Plan—Describes the rationale behind the TTA delineation, the selected treatment technology, and the technical approach for completing source area remediation at SWMU 39.

4.0 Project Schedule—Provides a brief outline of the major tasks that will be completed as part of the IM.

5.0 References—Lists the references used in this document.

Appendix A contains potentiometric groundwater elevation contour maps for the shallow, intermediate, and deep aquifer zones. These contour maps, presented as Figures 1-6 through 1-8, were obtained from the *SWMU 39 CMS Report, Revision 0* (CH2M-Jones, 2002).

Appendix B presents the source area delineation DPT groundwater analytical data.

Appendix C presents the data validation summary from the source area delineation investigation.

Appendix D contains a material safety data sheet (MSDS) for potassium lactate and edible oil, which will be used in the enhanced in situ biodegradation IM.

All tables and figures appear at the end of their respective sections.

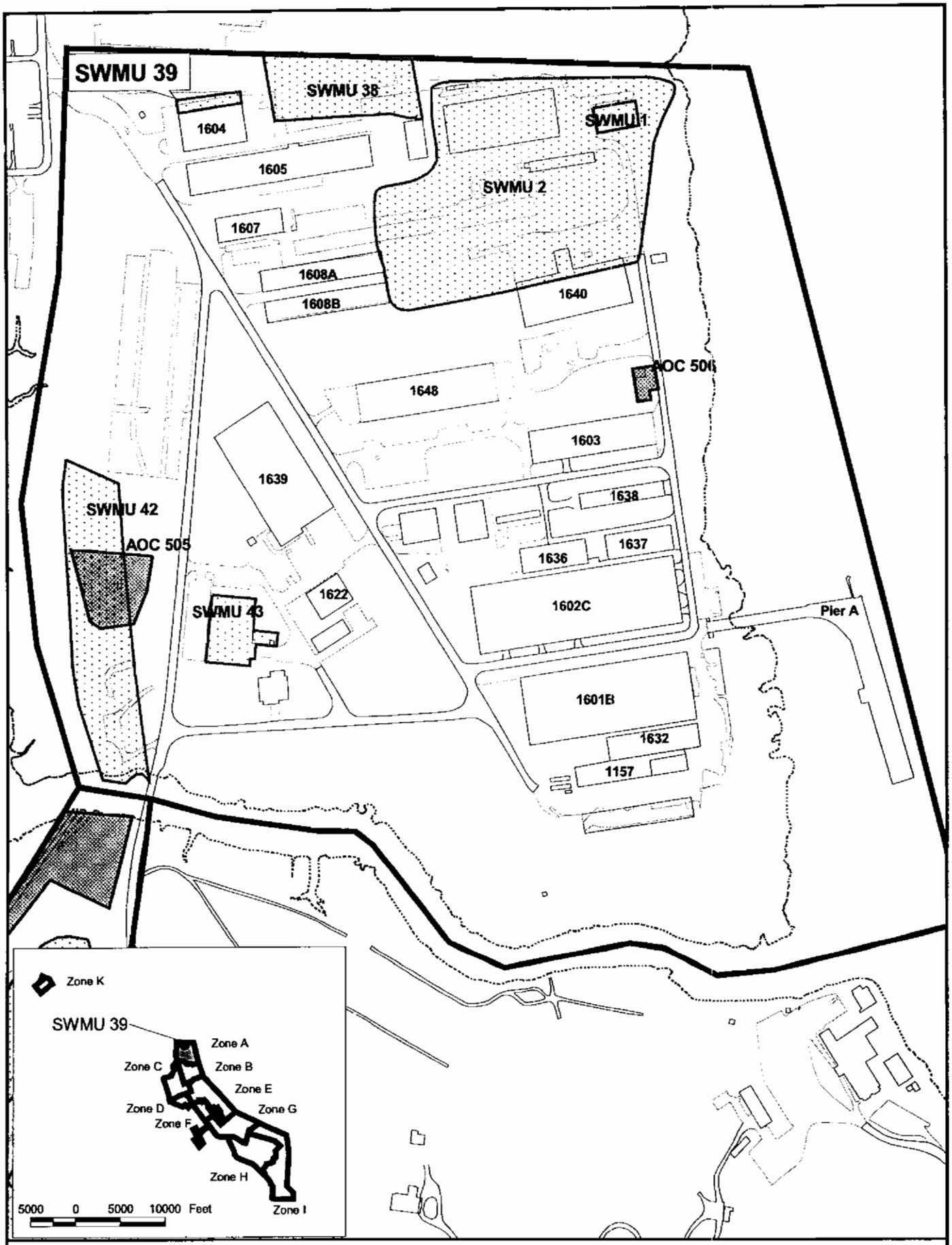

Figure 1-1
Location of SWMU 39 in Zone A
SWMU 39, Zone A
Charleston Naval Complex

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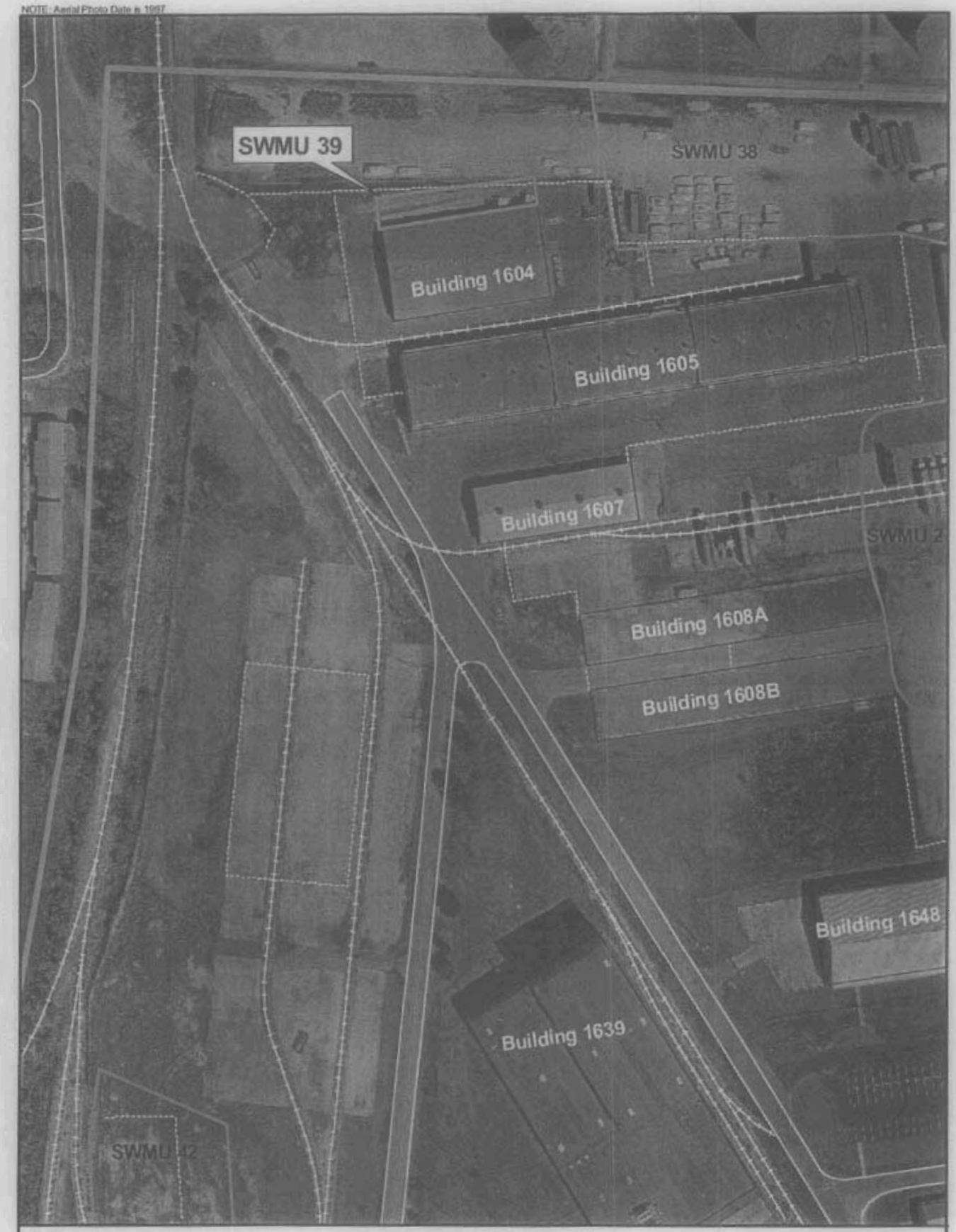
File Path: C:\18gis\Projects\Zone_A\Swmu_39\Apps\swmu_39.apr Date: 13 May 2003 12:55 User: NMOUDRY Figure 1-1 SWMU 39

NOTE: Aerial Photo Date is 1997



SWMU Boundary
Buildings
Zone Boundary
Fence
Railroads
Roads

N

0 100 200 Feet

Figure 1-2
Aerial Photo View of SWMU 39 Area
SWMU 39, Zone A
Charleston Naval Complex

CH2MHILL

File Path: C:\ifgis\Projects\Zone_A\Swmu_39\Apr\swmu_39.apr, Date 13 May 2003 12:56, User: NMOUDRY, Figure 1-2 Site Layout

Section 2.0

2.0 Site Background and Previous Investigations

This section provides a brief description of site background and previous investigations. Additional details regarding the site background and previous investigations are provided in the *Zone A RFI Report, Revision 0* (EnSafe Inc. [EnSafe], 1998), the *Corrective Measures Study (CMS) Report for SWMU 39* (CH2M-Jones, 2002), and the Phase I IMWP for SWMU 39 (CH2M-Jones, 2003).

2.1 Site Geology and Hydrogeology

The site hydrogeology consists of a series of Quaternary interbedded sands and clays, varying in thickness from 21 to 56 feet in the SWMU 39 area. The sands and clays contain an unconfined (water table) aquifer system that overlies the Tertiary Ashley Formation. The Ashley Formation is comprised of silts and clays and acts as an aquiclude for the water table aquifer. Figures 1-4 and 1-5 in Section 1.0 of the SWMU 39 CMS Report (CH2M-Jones, 2002) depict the current interpretations of the Ashley Formation occurrence.

Monitoring wells were installed in shallow (10 to 15 feet below land surface [ft bls]), intermediate (15 to 30 ft bls), and deep (30 to 50 ft bls) sandy zones of groundwater flow in the water table aquifer. The three zones are vertically interconnected and converge into one hydrogeologic unit south of Building 1607. Typical groundwater elevation contours for the shallow, intermediate, and deep aquifer zones are presented in Figures 1-6 through 1-8 of the SWMU 39 CMS Report (CH2M-Jones, 2002), based upon measurements made in July 2001. These figures are included as Appendix A.

The Zone A shallow groundwater flow direction has been consistently determined to be in a generally south-southeast direction, with a separate flow component to the southwest, toward an offsite wetland area associated with Noisette Creek. There is minimal tidal influence on groundwater levels, and groundwater flow velocities averaging 14 feet per year have been calculated by EnSafe, based on aquifer test results.

A more complete summary of the site-specific geology, hydrogeology, and dissolved CVOC distribution in site groundwater is presented in Section 1.0 of the SWMU 39 CMS Report (CH2M-Jones, 2002).

2.2 Source Area Delineation Investigation

The nature and extent of groundwater contamination at SWMU 39 has been investigated extensively and is summarized in Section 1.2.4 of the SWMU 39 CMS Report (CH2M-Jones, 2002). Figures 1-9 through 1-24 of that document show the current interpretation of distribution of the various chemicals in each of the three aquifer zones.

Additional groundwater DPT sampling was performed in late 2003 in accordance with the Phase I IMWP for SWMU 39 (CH2M-Jones, 2003). This work was performed to more precisely delineate the elevated concentrations of VOCs detected in groundwater near Buildings 1608A and 1608B. VOCs exceeded 1,000 micrograms per liter (µg/L) in several DPT samples collected in this area during earlier investigations. The 2003 source delineation DPT sampling is summarized below. Copies of the analytical data sheets are provided in Appendix B. The data validation summary from the source area delineation investigation is provided in Appendix C.

2.2.1 Source Delineation Direct-Push Technology Sampling

The Phase I IMWP (CH2M-Jones, 2003) presented the technical approach and rationale for the additional groundwater DPT sampling. This objective was to delineate elevated VOC concentrations in groundwater, particularly those areas with total VOCs exceeding 1,000 µg/L near Buildings 1608A and 1608B in Zone A, for potential source area remediation. Figures 2-1 and 2-2 of the Phase I IMWP depicted the interpreted extent of the source area based on previous sampling data and Environmental Visualization System (EVS) three-dimensional visualization software. Figures 2-3 through 2-6 of the Phase I IMWP presented the available DPT data for the shallow, intermediate, and deep zones of the surficial aquifer system, along with the proposed additional DPT locations for source delineation.

A total of 18 additional DPT borings were installed as planned in October 2003, around source areas designated TTA 1A on the north side of Building 1608A and TTA 1B on the south side of Building 1608B. Boring locations are shown on Figure 2-1. Groundwater samples were collected from one 4-foot vertical interval within the intermediate zone (approximately 24 to 28 ft bls) and from three depth intervals within the deep zone of the surficial aquifer, approximately 36 to 38 ft bls, 40 to 42 ft bls, and 44 to 46 ft bls, designated as depths D1, D2, and D3, respectively.

The exception to this rationale was at boring A039GP115, where only the intermediate sample and first two deep zone samples were collected due to variation in geologic

conditions (the Ashley Formation was encountered shallower than expected). Per the Phase I IMWP, samples were not collected from the shallow zone of the surficial aquifer because previous sampling results in this area did not indicate excessive VOC contamination of the shallow zone.

Groundwater samples were withdrawn from the subsurface in Teflon tubing with a peristaltic pump, placed in appropriate containers, shipped to a fixed-base laboratory by courier, and analyzed for VOCs by U.S. Environmental Protection Agency (EPA) SW-846 Method 8260B. The intermediate zone sample from each boring was designated with an "I" in the sample I.D. The deep zone samples were designated with "D1," "D2," and "D3," respectively, by increasing depth. Detected chemicals are summarized in Table 2-1 and complete analytical results are presented in Appendix A.

The delineation sampling results indicate that TCE and cis-1,2-DCE were the most commonly detected chemicals, with highest concentrations occurring in the D2 and D3 depth intervals. Total VOC concentrations greater than 1,000 µg/L were detected only in zones D2 and D3. VOC results for these two zones for TTAs 1A and 1B are shown in Figures 2-2 through 2-5.

In the intermediate zone, maximum concentrations of TCE (40.6 µg/L), cis-1,2-DCE (109 µg/L), and vinyl chloride (5.1 µg/L) were observed in sample 039GP117-I. Based on results for these intermediate zone samples and previous DPT results in this area, the intermediate aquifer zone in the vicinity of Buildings 1608A and 1608B does not appear to contain a significant continuing source of VOC groundwater contamination.

In deep zone D1, highest VOC concentrations occurred in boring A039GP117, with total VOC concentrations of approximately 750 µg/L.

In deep zone D2, total VOCs were detected at levels above 1,000 µg/L in sample 039GP128D2 (1,604 µg/L) and in sample 039GP119D2 (1,174 µg/L). Both of these boring locations are on the south side of Building 1608B.

In the D3 zone, samples 039GP125D3 (1,319 µg/L), 039GP118 (1,248 µg/L), and 039GP119 (1,285 µg/L) exceeded 1,000 µg/L total CVOC concentrations. Borings A039GP118 and A039GP119 are both located on the south side of Building 1608B near the D2 zone of elevated concentration greater than 1,000 µg/L. Sample boring A039GP125 is located on the north side of Building 1608A.

These results were used to develop the overall IMWP described in Section 3.0.

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP115	039GP115-I	1,2-Dichloroethene (total)	2.1	J
		Acetone	3.9	J
		cis-1,2-Dichloroethylene	2.1	J
		Trichloroethylene (TCE)	0.76	J
	039GP115D1	1,2-Dichloroethene (total)	62.8	=
		Acetone	4.2	J
		Benzene	0.46	J
		cis-1,2-Dichloroethylene	62.8	=
		Trichloroethylene (TCE)	47.3	=
		Vinyl chloride	1.6	J
	039GP115D2	1,2-Dichloroethene (total)	5.8	=
		Acetone	43.7	J
		Benzene	0.58	J
		cis-1,2-Dichloroethylene	5.8	=
		Methyl ethyl ketone (2-Butanone)	9.5	J
		Toluene	0.77	J
		Trichloroethylene (TCE)	1.7	J
A039GP116	039GP116-I	1,2-Dichloroethene (total)	24.3	=
		Acetone	4	J
		cis-1,2-Dichloroethylene	24.3	=
		Trichloroethylene (TCE)	7.6	=
		Vinyl chloride	0.96	J
	039GP116D1	1,1-Dichloroethane	1.1	J
		1,2-Dichloroethene (total)	67	=
		Acetone	3.9	J
		cis-1,2-Dichloroethylene	66.6	=
		trans-1,2-Dichloroethene	0.44	J
		Trichloroethylene (TCE)	18.1	=
		Vinyl chloride	3.8	J
	039GP116D2	1,1-Dichloroethane	1	J
		1,2-Dichloroethene (total)	68.5	=
		Acetone	3.5	J
		cis-1,2-Dichloroethylene	68.5	=
		Trichloroethylene (TCE)	17.3	=
		Vinyl chloride	3.2	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP116 (cont)	039GP116D3	1,1-Dichloroethane	3	J
		1,1-Dichloroethene	3.8	J
		1,2-Dichloroethene (total)	183	=
		Benzene	0.54	J
		cis-1,2-Dichloroethylene	183	=
		Tetrachloroethylene (PCE)	0.84	J
		trans-1,2-Dichloroethene	1.3	J
		Trichloroethylene (TCE)	56.1	=
		Vinyl chloride	10.5	=
A039GP117	039GP117-I	1,1-Dichloroethane	1.6	J
		1,2-Dichloroethene (total)	109	=
		Benzene	0.38	J
		cis-1,2-Dichloroethylene	109	=
		trans-1,2-Dichloroethene	0.7	J
		Trichloroethylene (TCE)	40.6	=
		Vinyl chloride	5.1	J
		1,2-Dichloroethene (total)	104	=
		cis-1,2-Dichloroethylene	104	=
	039GP117D1	1,1-Dichloroethane	7.5	=
		1,1-Dichloroethene	10	=
		1,2-Dichloroethene (total)	464	=
		Benzene	2.1	J
		cis-1,2-Dichloroethylene	464	=
		Tetrachloroethylene (PCE)	4.1	J
		Toluene	0.43	J
		trans-1,2-Dichloroethene	3	J
		Trichloroethylene (TCE)	241	=
		Vinyl chloride	22.2	=
	039GP117D2	1,1-Dichloroethane	8.9	=
		1,1-Dichloroethene	11.1	=
		1,2-Dichloroethene (total)	554	=
		Benzene	2.1	J
		cis-1,2-Dichloroethylene	554	=
		Tetrachloroethylene (PCE)	4.4	J
		Toluene	0.61	J
		trans-1,2-Dichloroethene	4.8	J
		Trichloroethylene (TCE)	245	=
		Vinyl chloride	32.2	=

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP117 (cont)	039GP117D3	1,1-Dichloroethane	8.3	=
		1,1-Dichloroethene	10.3	=
		1,2-Dichloroethene (total)	530	=
		Acetone	4	J
		Benzene	1.9	J
		cis-1,2-Dichloroethylene	530	=
		Tetrachloroethylene (PCE)	3.7	J
		Toluene	0.45	J
		trans-1,2-Dichloroethene	3.4	J
		Trichloroethylene (TCE)	218	=
		Vinyl chloride	29.5	=
A039GP118	039GP118-I	1,2-Dichloroethene (total)	36.6	=
		Acetone	2.9	J
		cis-1,2-Dichloroethylene	36.6	=
		Trichloroethylene (TCE)	10.8	=
		Vinyl chloride	1.2	J
	039GP118D1	1,1-Dichloroethane	4.9	J
		1,1-Dichloroethene	8.6	=
		1,2-Dichloroethene (total)	372	=
		Benzene	2.1	J
		cis-1,2-Dichloroethylene	372	=
		Tetrachloroethylene (PCE)	1.9	J
		trans-1,2-Dichloroethene	2.7	J
		Trichloroethylene (TCE)	333	=
		Vinyl chloride	14	=
	039GP118D2	1,1-Dichloroethane	8.6	=
		1,1-Dichloroethene	12.4	=
		1,2-Dichloroethene (total)	656	=
		Benzene	3.1	J
		cis-1,2-Dichloroethylene	656	=
		Tetrachloroethylene (PCE)	2.5	J
		trans-1,2-Dichloroethene	3.8	J
		Trichloroethylene (TCE)	458	=
		Vinyl chloride	27.1	=
	039GP118D3	1,1-Dichloroethane	10.4	=
		1,1-Dichloroethene	15.1	=
		1,2-Dichloroethene (total)	705	=
		Benzene	3.7	J
		cis-1,2-Dichloroethylene	705	=

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP118 (cont)	039GP118D3	Tetrachloroethylene (PCE)	3.6	J
		trans-1,2-Dichloroethene	4.8	J
		Trichloroethylene (TCE)	490	=
		Vinyl chloride	34.7	=
A039GP119	039GP119-I	1,1-Dichloroethene	0.44	J
		1,2-Dichloroethene (total)	21.7	J
		Acetone	4.1	J
		cis-1,2-Dichloroethylene	21.7	J
		Trichloroethylene (TCE)	7.2	J
	039GP119D1	1,1-Dichloroethene	2.4	J
		1,2-Dichloroethene (total)	64.9	=
		Acetone	4.7	J
		cis-1,2-Dichloroethylene	64.9	=
		Trichloroethylene (TCE)	137	=
		1,1-Dichloroethane	5.5	J
		1,1-Dichloroethene	10.8	J
		1,2-Dichloroethene (total)	452	=
		Benzene	3.3	J
		cis-1,2-Dichloroethylene	452	=
		Trichloroethylene (TCE)	700	=
		Vinyl chloride	6.2	J
	039GP119D3	1,1-Dichloroethane	5.7	J
		1,1-Dichloroethene	10.1	J
		1,2-Dichloroethene (total)	471	=
		Benzene	3.6	J
		cis-1,2-Dichloroethylene	467	=
		trans-1,2-Dichloroethene	3.8	J
		Trichloroethylene (TCE)	795	=
A039GP120	039GP120-I	1,1-Dichloroethene	0.79	J
		1,2-Dichloroethene (total)	38.8	=
		Acetone	2.6	J
		cis-1,2-Dichloroethylene	38.8	=
		Trichloroethylene (TCE)	24.6	=
		Vinyl chloride	0.7	J
	039GP120D1	1,1-Dichloroethene	0.8	J
		1,2-Dichloroethene (total)	35	=
		Acetone	2.8	J
		cis-1,2-Dichloroethylene	34.6	=

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP120 (cont)		trans-1,2-Dichloroethene	0.39	J
		Trichloroethylene (TCE)	39.9	=
	039GP120D2	1,1-Dichloroethane	1.6	J
		1,1-Dichloroethene	1.9	J
		1,2-Dichloroethene (total)	107	=
		Acetone	15.2	J
		Benzene	0.72	J
		cis-1,2-Dichloroethylene	106	J
		trans-1,2-Dichloroethene	0.44	J
		Trichloroethylene (TCE)	86	=
		Vinyl chloride	1.8	J
	039GP120D3	1,1-Dichloroethane	12.4	J
		1,1-Dichloroethene	16.6	J
		1,2-Dichloroethane	16.2	J
		1,2-Dichloroethene (total)	840	=
		Benzene	5	J
		cis-1,2-Dichloroethylene	835	=
		Tetrachloroethylene (PCE)	19	J
		trans-1,2-Dichloroethene	5.2	J
		Trichloroethylene (TCE)	748	=
		Vinyl chloride	23.9	J
A039GP121	039GP121-I	1,2-Dichloroethene (total)	0.4	J
		Acetone	2.8	J
		cis-1,2-Dichloroethylene	0.4	J
	039GP121D1	1,2-Dichloroethene (total)	4.1	J
		cis-1,2-Dichloroethylene	4.1	J
		Trichloroethylene (TCE)	1.5	J
	039GP121D2	1,1-Dichloroethane	6.4	J
		1,1-Dichloroethene	8.7	J
		1,2-Dichloroethene (total)	453	=
		Acetone	2.9	J
		Benzene	0.73	J
		cis-1,2-Dichloroethylene	448	=
		Tetrachloroethylene (PCE)	3.3	J
		trans-1,2-Dichloroethene	5.5	J
		Trichloroethylene (TCE)	81.3	J
		Vinyl chloride	21.8	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP121 (cont)	039GP121D3	1,1-Dichloroethane	8.7	J
		1,1-Dichloroethene	11.8	J
		1,2-Dichloroethene (total)	631	=
		Acetone	5	J
		Benzene	0.76	J
		cis-1,2-Dichloroethylene	624	=
		Tetrachloroethylene (PCE)	3.9	J
		trans-1,2-Dichloroethene	7.5	J
		Trichloroethylene (TCE)	148	=
		Vinyl chloride	29.6	J
A039GP122	039GP122D1	1,2-Dichloroethene (total)	2.2	J
		Acetone	2.8	J
		cis-1,2-Dichloroethylene	2.2	J
		Trichloroethylene (TCE)	0.57	J
	039GP122D2	1,1-Dichloroethane	1.9	J
		1,1-Dichloroethene	1.1	J
		1,2-Dichloroethene (total)	90.8	=
		cis-1,2-Dichloroethylene	89.7	=
		Tetrachloroethylene (PCE)	4.9	J
		trans-1,2-Dichloroethene	1.2	J
		Trichloroethylene (TCE)	15.2	=
		Vinyl chloride	5.6	J
	039GP122D3	1,1-Dichloroethane	1.8	J
		1,1-Dichloroethene	1.2	J
		1,2-Dichloroethene (total)	84.8	=
		cis-1,2-Dichloroethylene	83.6	=
		Tetrachloroethylene (PCE)	4.8	J
		trans-1,2-Dichloroethene	1.1	J
		Trichloroethylene (TCE)	15.3	=
		Vinyl chloride	5.6	J
A039GP123	039GP123-I	1,2-Dichloroethene (total)	0.31	J
		Acetone	2.4	J
		cis-1,2-Dichloroethylene	0.31	J
	039GP123-D1	1,2-Dichloroethene (total)	3.2	J
		Acetone	3	J
		cis-1,2-Dichloroethylene	3.2	J
		Trichloroethylene (TCE)	0.46	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP123 (cont)	039GP123D2	1,1-Dichloroethene	0.51	J
		1,2-Dichloroethene (total)	42.5	=
		cis-1,2-Dichloroethylene	42.1	=
		trans-1,2-Dichloroethene	0.38	J
		Trichloroethylene (TCE)	6.3	=
		Vinyl chloride	1.6	J
	039GP123D3	1,2-Dichloroethene (total)	41.9	J
		cis-1,2-Dichloroethylene	41.9	J
		Trichloroethylene (TCE)	6.5	J
		Vinyl chloride	1.6	J
A039GP124	039GP124-I	1,2-Dichloroethene (total)	0.61	J
		Acetone	2.4	J
		cis-1,2-Dichloroethylene	0.61	J
	039GP124D1	1,2-Dichloroethene (total)	11.5	=
		cis-1,2-Dichloroethylene	11.5	=
		Trichloroethylene (TCE)	4.5	J
	039GP124D2	1,1-Dichloroethane	9.4	J
		1,1-Dichloroethene	16	J
		1,2-Dichloroethene (total)	773	=
		Acetone	3.5	J
		Benzene	1.2	J
		cis-1,2-Dichloroethylene	767	=
		Tetrachloroethylene (PCE)	0.36	J
		trans-1,2-Dichloroethene	9.6	J
		Trichloroethylene (TCE)	248	=
		Vinyl chloride	36.1	J
	039GP124D3	1,1-Dichloroethane	7.6	J
		1,1-Dichloroethene	12.6	J
		1,2-Dichloroethene (total)	634	=
		Acetone	2.8	J
		Benzene	1.1	J
		cis-1,2-Dichloroethylene	627	=
		trans-1,2-Dichloroethene	7.4	J
		Trichloroethylene (TCE)	174	=
		Vinyl chloride	27.3	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP125	039GP125-I	1,2-Dichloroethene (total)	15.8	=
		cis-1,2-Dichloroethylene	15.8	=
		Trichloroethylene (TCE)	5.5	=
	039GP125D1	1,2-Dichloroethene (total)	12.1	=
		cis-1,2-Dichloroethylene	12.1	=
		Trichloroethylene (TCE)	3.2	J
	039GP125D2	1,1-Dichloroethane	5.3	J
		1,1-Dichloroethene	6.4	J
		1,2-Dichloroethene (total)	374	J
		Acetone	5.3	J
		Benzene	0.58	J
		cis-1,2-Dichloroethylene	371	J
		Tetrachloroethylene (PCE)	0.7	J
		trans-1,2-Dichloroethene	3.7	J
		Trichloroethylene (TCE)	69.2	J
		Vinyl chloride	14.9	J
	039GP125D3	1,1-Dichloroethane	12.6	J
		1,1-Dichloroethene	17.2	J
		1,2-Dichloroethene (total)	909	=
		Acetone	4	J
		Benzene	0.95	J
		cis-1,2-Dichloroethylene	901	=
		Tetrachloroethylene (PCE)	2.7	J
		trans-1,2-Dichloroethene	8.5	J
		Trichloroethylene (TCE)	331	=
		Vinyl chloride	38.1	J
A039GP126	039GP126-I	1,2-Dichloroethene (total)	10.3	=
		cis-1,2-Dichloroethylene	10.3	=
		Trichloroethylene (TCE)	1.2	J
	039GP126D1	1,1-Dichloroethane	0.66	J
		1,2-Dichloroethene (total)	17.3	=
		Acetone	3.8	J
		cis-1,2-Dichloroethylene	17.3	=
		Tetrachloroethylene (PCE)	0.55	J
		Trichloroethylene (TCE)	4.7	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP126 (cont)	039GP126D2	1,1-Dichloroethane	6	J
		1,1-Dichloroethene	7.5	J
		1,2-Dichloroethene (total)	446	=
		Acetone	2.6	J
		Benzene	0.64	J
		cis-1,2-Dichloroethylene	441	=
		Tetrachloroethylene (PCE)	27.9	J
		trans-1,2-Dichloroethene	6.5	J
		Trichloroethylene (TCE)	77.5	J
		Vinyl chloride	19.5	J
	039GP126D3	1,1-Dichloroethane	6.5	J
		1,1-Dichloroethene	7	J
		1,2-Dichloroethene (total)	340	=
		Acetone	5.6	J
		Benzene	0.77	J
		cis-1,2-Dichloroethylene	337	=
		Tetrachloroethylene (PCE)	22.3	J
		trans-1,2-Dichloroethene	3.8	J
		Trichloroethylene (TCE)	71	J
		Vinyl chloride	21	J
A039GP127	039GP127-I	1,1-Dichloroethene	2.3	J
		1,2-Dichloroethene (total)	53	=
		cis-1,2-Dichloroethylene	52.6	=
		trans-1,2-Dichloroethene	0.46	J
		Trichloroethylene (TCE)	35.9	=
		Vinyl chloride	2.8	J
	039GP127D1	1,1-Dichloroethene	0.94	J
		1,2-Dichloroethene (total)	19	=
		Acetone	4.8	J
		cis-1,2-Dichloroethylene	19	=
		Tetrachloroethylene (PCE)	1	J
		Trichloroethylene (TCE)	34.6	=
	039GP127D2	1,1-Dichloroethane	7.4	J
		1,1-Dichloroethene	9.3	J
		1,2-Dichloroethene (total)	454	=
		Acetone	3.5	J
		Benzene	2.3	J
		cis-1,2-Dichloroethylene	454	=
		Tetrachloroethylene (PCE)	15.7	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP127 (cont)	039GP127D2	trans-1,2-Dichloroethene	4.1	J
		Trichloroethylene (TCE)	208	=
		Vinyl chloride	29.1	J
	039GP127D3	1,1-Dichloroethane	7.6	=
		1,1-Dichloroethene	10	=
		1,2-Dichloroethene (total)	473	=
		Acetone	6.6	J
		Benzene	2.4	J
		cis-1,2-Dichloroethylene	473	=
		Tetrachloroethylene (PCE)	15	=
		trans-1,2-Dichloroethene	4	J
		Trichloroethylene (TCE)	215	=
		Vinyl chloride	28.5	=
A039GP128	039GP128-I	1,1-Dichloroethene	1	J
		1,2-Dichloroethene (total)	56.6	=
		Acetone	2.8	J
		cis-1,2-Dichloroethylene	55.1	=
		trans-1,2-Dichloroethene	1.5	J
		Trichloroethylene (TCE)	8.9	=
		Vinyl chloride	1.1	J
	039GP128D1	1,1-Dichloroethene	3.2	J
		1,2-Dichloroethene (total)	65.6	=
		Acetone	2.4	J
		Benzene	0.45	J
		cis-1,2-Dichloroethylene	65.2	=
		Tetrachloroethylene (PCE)	1.3	J
		trans-1,2-Dichloroethene	0.49	J
		Trichloroethylene (TCE)	203	=
		Vinyl chloride	0.96	J
	039GP128D2	1,1-Dichloroethane	12	J
		1,1-Dichloroethene	15.5	J
		1,2-Dichloroethene (total)	891	J
		Acetone	6	J
		Benzene	3	J
		cis-1,2-Dichloroethylene	887	J
		Tetrachloroethylene (PCE)	6.1	J
		trans-1,2-Dichloroethene	5.2	J
		Trichloroethylene (TCE)	655	J
		Vinyl chloride	19.2	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP128 (cont)	039GP128D3	1,1-Dichloroethane	8.3	J
		1,1-Dichloroethene	10.9	J
		1,2-Dichloroethene (total)	616	J
		Acetone	7.8	J
		Benzene	2	J
		cis-1,2-Dichloroethylene	616	J
		Tetrachloroethylene (PCE)	8.7	J
		trans-1,2-Dichloroethene	2.3	J
		Trichloroethylene (TCE)	388	J
		Vinyl chloride	15.8	J
A039GP129	039GP12928	1,1-Dichloroethane	1.1	J
		1,2-Dichloroethene (total)	37.5	=
		cis-1,2-Dichloroethylene	36.8	=
		trans-1,2-Dichloroethene	0.68	J
		Trichloroethylene (TCE)	10.7	=
	039GP12938	1,1-Dichloroethane	1.2	J
		1,2-Dichloroethene (total)	44.2	=
		cis-1,2-Dichloroethylene	43.8	=
		trans-1,2-Dichloroethene	0.41	J
		Trichloroethylene (TCE)	14.3	=
	039GP12942	1,1-Dichloroethane	4.5	J
		1,2-Dichloroethene (total)	332	=
		Benzene	0.74	J
		cis-1,2-Dichloroethylene	328	=
		trans-1,2-Dichloroethene	4.3	J
		Trichloroethylene (TCE)	44.1	=
		Vinyl chloride	24.4	=
	039GP12946	1,1-Dichloroethane	4.7	J
		1,2-Dichloroethene (total)	351	=
		Benzene	0.73	J
		cis-1,2-Dichloroethylene	346	=
		Tetrachloroethylene (PCE)	0.36	J
		trans-1,2-Dichloroethene	5.1	=
		Trichloroethylene (TCE)	49.1	=
		Vinyl chloride	23.2	=
A039GP130	039GP13038	1,1-Dichloroethane	1.1	J
		1,2-Dichloroethene (total)	57.5	=
		Benzene	0.37	J

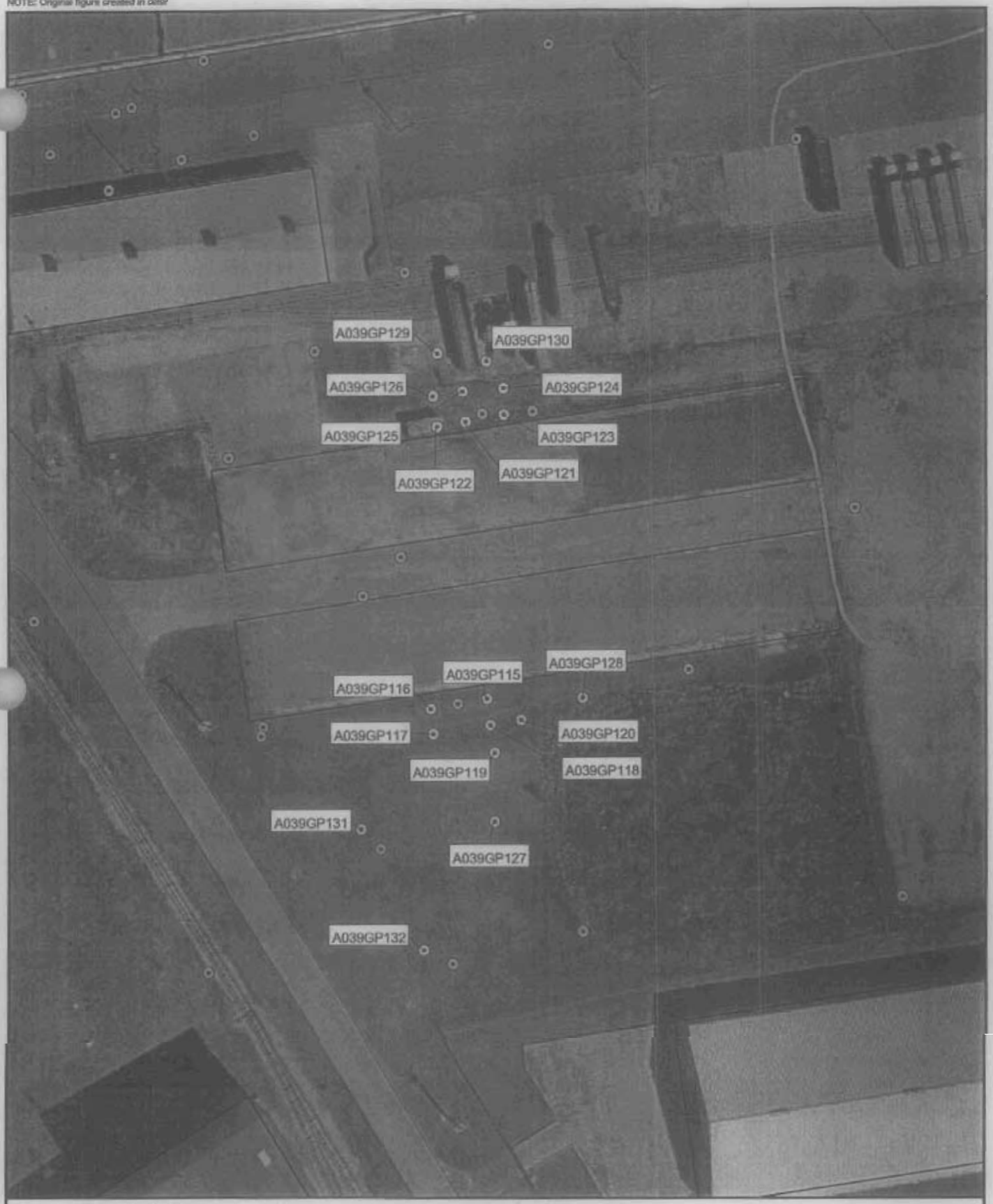
TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP130 (cont)	039GP13038	cis-1,2-Dichloroethylene	56.8	=
		trans-1,2-Dichloroethene	0.72	J
		Trichloroethylene (TCE)	28.1	=
	039GP13042	1,1-Dichloroethane	1.1	J
		1,2-Dichloroethene (total)	75.3	=
		cis-1,2-Dichloroethylene	74.8	=
		trans-1,2-Dichloroethene	0.56	J
		Trichloroethylene (TCE)	19.8	=
		Vinyl chloride	4.4	J
	039GP13046	1,1-Dichloroethane	1.5	J
		1,2-Dichloroethene (total)	96.5	=
		cis-1,2-Dichloroethylene	95.6	=
		Tetrachloroethylene (PCE)	0.48	J
		trans-1,2-Dichloroethene	0.92	J
		Trichloroethylene (TCE)	26.1	=
		Vinyl chloride	5.7	J
A039GP131	039GP13128	1,2-Dichloroethene (total)	4.1	J
		cis-1,2-Dichloroethylene	4.1	J
		Trichloroethylene (TCE)	2.6	J
	039GP13138	1,1-Dichloroethane	0.69	J
		1,2-Dichloroethene (total)	36	=
		cis-1,2-Dichloroethylene	36	=
		Trichloroethylene (TCE)	21.4	=
	039GP13142	1,2-Dichloroethene (total)	10.5	=
		cis-1,2-Dichloroethylene	10.5	=
		Trichloroethylene (TCE)	4.8	J
	039GP13146	1,2-Dichloroethene (total)	11.2	=
		cis-1,2-Dichloroethylene	11.2	=
		Trichloroethylene (TCE)	4.9	J
A039GP132	039GP13238	1,1-Dichloroethane	0.94	J
		1,2-Dichloroethene (total)	49.2	=
		cis-1,2-Dichloroethylene	48.8	=
		Tetrachloroethylene (PCE)	3.4	J
		trans-1,2-Dichloroethene	0.49	J
		Trichloroethylene (TCE)	7.6	=
		Vinyl chloride	4.4	J

TABLE 2-1
Summary of Detected VOCs in DPT Samples
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Station ID	Sample ID	Parameter	Concentration (µg/ L)	Qualifier
A039GP132 (cont)	039GP13242	1,1-Dichloroethane	4	J
		1,2-Dichloroethene (total)	231	=
		Benzene	0.57	J
		cis-1,2-Dichloroethylene	229	=
		Tetrachloroethylene (PCE)	7	=
		trans-1,2-Dichloroethene	2.2	J
		Trichloroethylene (TCE)	27.9	=
		Vinyl chloride	9.4	J
	039GP13246	1,1-Dichloroethane	5.1	=
		1,2-Dichloroethene (total)	274	=
		Benzene	0.76	J
		cis-1,2-Dichloroethylene	270	=
		Tetrachloroethylene (PCE)	20.3	=
		trans-1,2-Dichloroethene	3.6	J
		Trichloroethylene (TCE)	51.2	=
		Vinyl chloride	15.6	=

NOTE: Aerial Photo Date is 1997
NOTE: Original figure created in color



Groundwater Probe

N

0 60 120 Feet

1 inch = 73.6076 feet

Figure 2-1
Source Area DPT Borings
SWMU 39, Zone A
Charleston Naval Complex

File Path: c:\18gis\cnc\cnc-egis.apr, Date: 16 Mar 2004 11:29, User: DWILLIAM, EGIS: Charleston Naval Complex - Figure 2-1 Source Area DPT Borings

NOTE: Aerial Photo Date is 1997
NOTE: Original figure created in color

Groundwater Probe

N

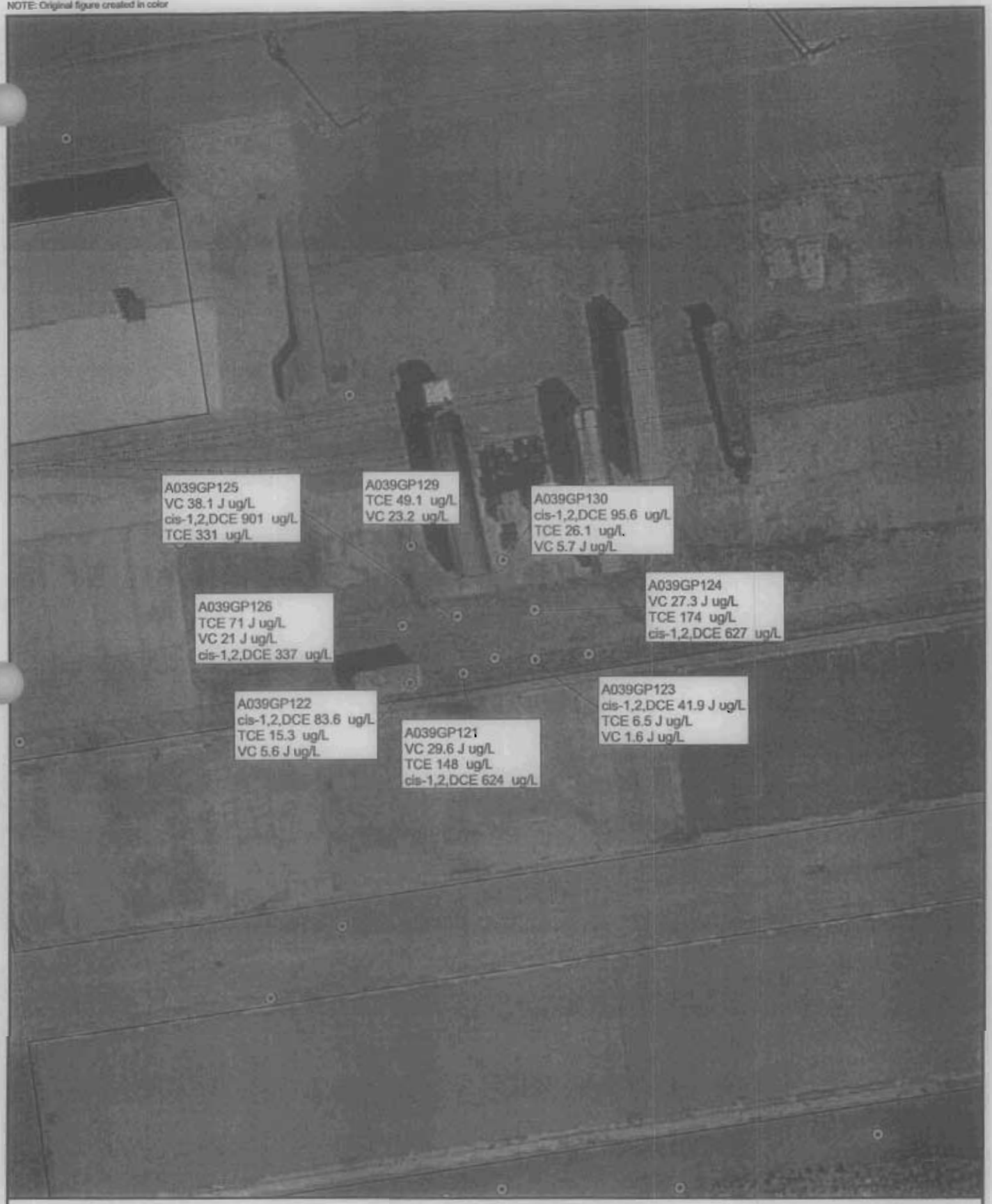
0 30 60 Feet

1 inch = 38.1357 feet

Figure 2-2
TCE, cis-1,2 DCE, and VC in D2 Interval Groundwater
TTA 1A, SWMU 39 Source Area Delineation
Charleston Naval Complex

File Path: c:\18gis\cnc\cnc-egis.apr, Date: 16 Mar 2004 12:06, User: DWILLIAM, EGIS: Charleston Naval Complex - Figure 2-2 TCE, cis-1,2 DCE, and VC in D2 Interval Groundwater

NOTE: Aerial Photo Date is 1997
NOTE: Original figure created in color



Groundwater Probe

N

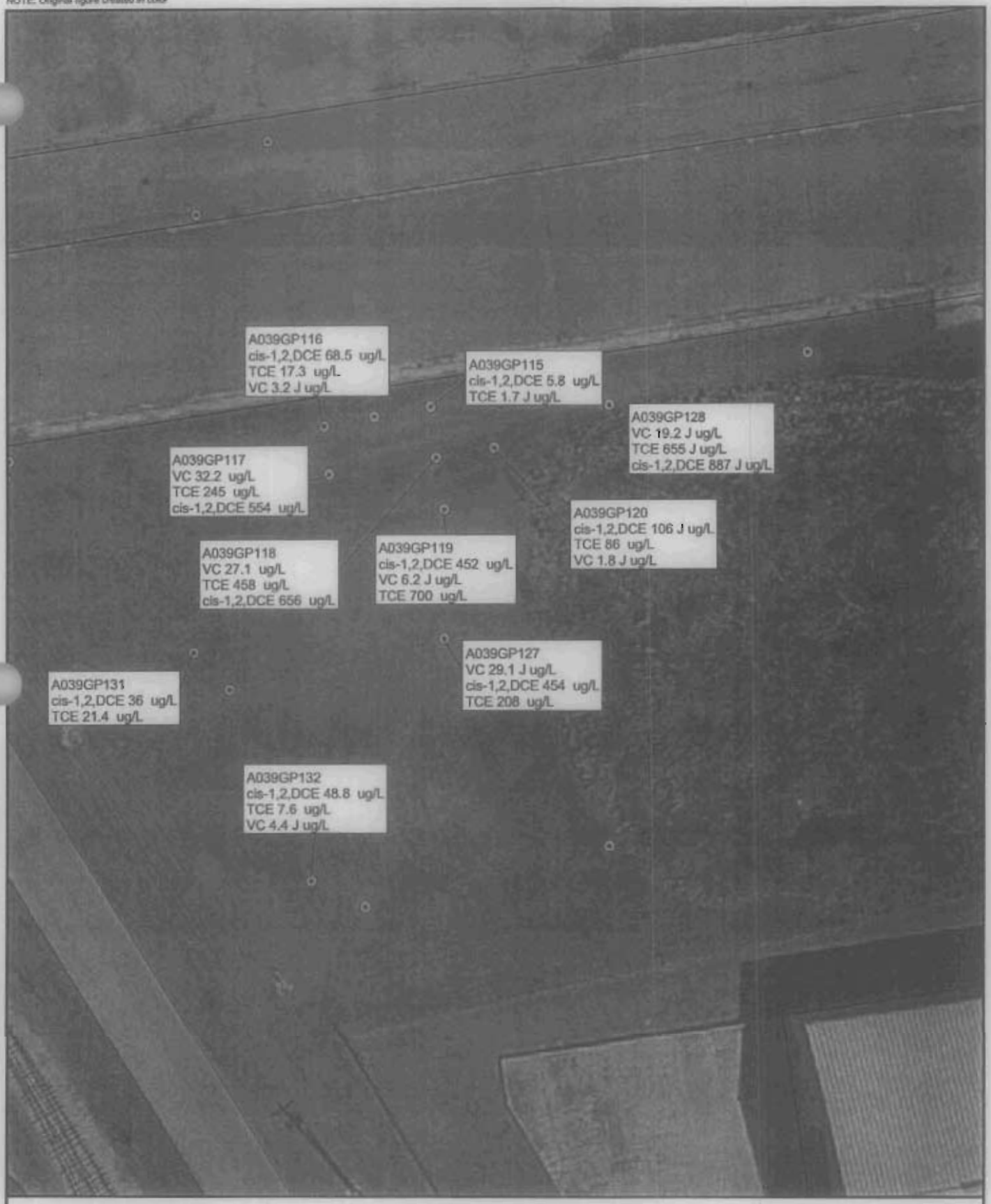
0 30 60 Feet

1 inch = 39.2778 feet

Figure 2-3
TCE, 1,2 DCE, and VC in D3 Interval Groundwater
TTA 1A, SWMU 39 Source Area Delineation
Charleston Naval Complex

File Path: c:\18gis\onclone-egis.apr, Date: 16 Mar 2004 15:59, User: DWILLIAM, EGIS: Charleston Naval Complex - Figure 2-3 TCE, 1,2 DCE, and VC in D3 Interval Groundwater

NOTE: Aerial Photo Date is 1997
NOTE: Original figure created in color



Groundwater Probe

N

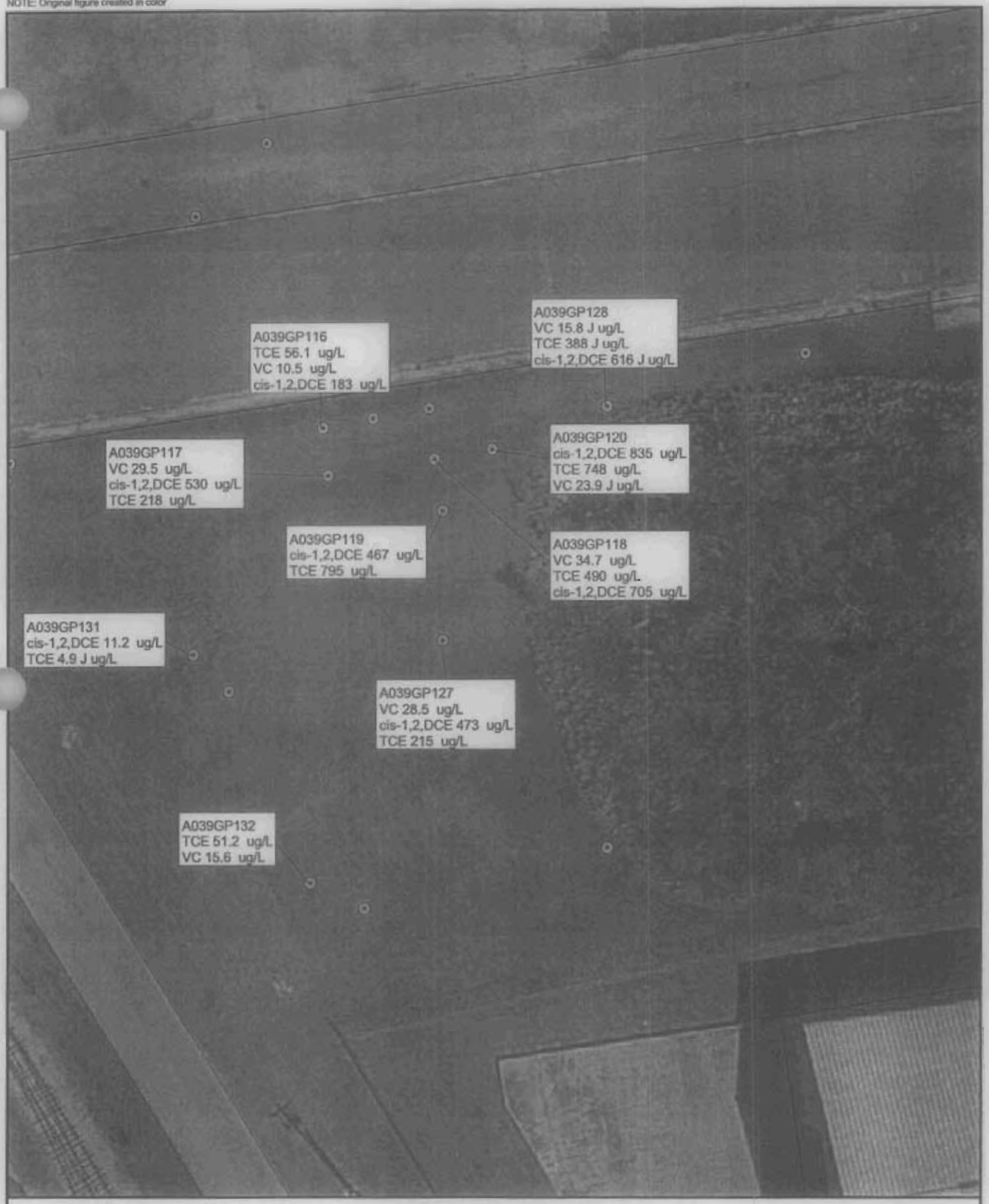
0 30 60 Feet

1 inch = 39.2778 feet

Figure 2-4
TCE, 1,2 DCE, and VC in D2 Interval Groundwater
TTA 1B, SWMU 39 Source Area Delineation
Charleston Naval Complex

File Path: c:\18gis\cnc\cnc-egis.apr, Date: 16 Mar 2004 16:21, User: DWILLIAM, EGIS: Charleston Naval Complex - Figure 2-4 TCE, 1,2 DCE, and VC in D2 Interval Groundwater

NOTE: Aerial Photo Date is 1997
NOTE: Original figure created in color



Groundwater Probe

N

0 30 60 Feet

1 inch = 39.2778 feet

Figure 2-5
TCE, 1,2 DCE, and VC in D3 Interval Groundwater
TTA 1B SWMU 39 Source Area Delineation
Charleston Naval Complex

File Path: c:\18gis\cnc\cnc-egis.apr, Date: 18 Mar 2004 16:42, User: DWILLIAM, EGIS: Charleston Naval Complex - Figure 2-5 TCE, 1,2 DCE, and VC in D3 Interval Groundwater

Section 3.0

3.0 Interim Measure Work Plan

To expedite implementation of this source area treatment, the BRAC Cleanup Team (BCT) has agreed to perform this source area activity as an IM. Prior to implementing the enhanced in situ anaerobic biodegradation source control alternative, the presence and size of the suspected source area required confirmation. The suspected source area was investigated further with DPT sampling of the intermediate and deep groundwater zones as described in Section 2.0 of this document. This section discusses the approach for implementing the IM in the surficial aquifer zones previously identified as having the greatest total VOC groundwater concentrations.

3.1 Selection of Source Control Corrective Measure Alternative

As documented in the *Corrective Measures Study Report SWMU 39, Zone A, Revision 0* (CH2M-Jones, 2002), in situ chemical reduction using zero-valent iron (ZVI) was selected from a variety of feasible alternatives as the source control corrective measure alternative. However, because of its propriety processes, implementation of the technology at SWMU 39, which has a relatively small source area footprint, made the alternative economically unfeasible.

As a result, CH2M-Jones evaluated other source control corrective measure alternatives that are considered viable options at SWMU 39. Based on the evaluation of viable available technologies and conditions at SWMU 39, the recommended corrective measure approach is to employ enhanced in situ anaerobic biodegradation using both a soluble substrate (i.e., potassium lactate) and an edible oil emulsion as the source control alternative.

Since the submittal of the *Phase II – Groundwater Source Area Remediation IM Work Plan Revision 0* (CH2M HILL, July 2004), a relatively new substrate that has proven successful at other project sites has been identified as a practical alternative. This second substrate, an edible oil emulsion, will be used with potassium lactate in the same TTAs but injected into separate injection wells. Implementation of the enhanced in situ anaerobic biodegradation as the source control alternative will involve injection of the electron donor materials into two defined TTAs near former Buildings 1608A and 1608B. This IMWP describes the

general technical approach and procedures to be employed for achieving reductive dechlorination of CVOCs using enhanced in situ anaerobic biodegradation.

During the 2001 pilot study, HRC® was injected in three distinct locations at SWMU 39 with limited success and slow rate of dissolved-phase CVOC degradation. Based on the lessons learned from this study, a more soluble substrate (potassium lactate) and an emulsified soybean oil product will be injected to promote better distribution.

3.2 Technology Description

The main CVOC biodegradation mechanism in anaerobic-reducing environments is reductive dechlorination, which involves the sequential replacement of chlorine atoms on the alkene molecule by hydrogen atoms. The chlorinated ethenes serve as electron acceptors in these degradation reactions. Carbon compounds such as sugars, alcohols, and fatty acids serve as electron donors. This natural process is occurring to some extent at SWMU 39. This alternative would include more active measures in the source areas to accelerate the naturally occurring process. In anaerobic reductive dechlorination, a carbon atom in the chlorinated solvent accepts an electron from an electron donor (reduction), causing the release of a chlorine atom (dechlorination). The more chlorine atoms a compound has, the more oxidized its carbon is, and the more susceptible it is to reductive dechlorination. This results in sequential dechlorination of a contaminant. The general reductive dechlorination process results in the formation of breakdown products as detailed below:

PCE ⇒ TCE ⇒ DCE ⇒ vinyl chloride ⇒ ethene

The observation of both DCE and vinyl chloride in groundwater samples at the site (as described in Section 2.0 of this report) suggests that the reductive dechlorination process is already proceeding at the site and that the potential exists for further stimulating this process via the introduction of a biodegradable substrate.

The dechlorination process is effective for dissolved-phase CVOCs and has some success with dense non-aqueous phase liquid (DNAPL)-level concentrations of chlorinated solvents where *Dehalococcoides etheneogenes* (DHE) has been shown to be active at the DNAPL-water interface.

3.2.1 Substrate Selection

For anaerobic biodegradation to be successful, adequate quantities of electron donor, carbon, and nutrients must come in contact with the active microbial consortia and the target contaminants. The dehalogenation process involves the replacement of a halogen,

such as chloride, with hydrogen. In natural anaerobic systems, hydrogen is the most common electron donor, released by the anaerobic fermentation of organic carbon. Anaerobic processes can be enhanced by the addition of hydrogen gas or chemicals that stimulate release of hydrogen gas to the target zone of treatment.

Selection of an appropriate substrate is an important element when designing an enhanced anaerobic dechlorination injection schedule and layout. Enhanced anaerobic biodegradation using the slow release product, HRC®, was considered in the CMS report (CH2M-Jones, 2002) as a plume control alternative at the property boundary and areas of downgradient migration. The benefit of using HRC® is the elimination of multiple injection events because of its slow release of lactate acid upon hydration. Limitations of using HRC® include cost (as compared to soluble lactate products) and, based on CH2M-Jones's experience, a limited success outside the immediate area of injection in slow moving aquifers (e.g., velocities less than 15 feet per year [ft/yr]). While HRC® is a proven substrate for the removal of CVOCs in groundwater, experience from the 2001 pilot study at SWMU 39 suggests the potential exists for the material not to be effective at the site. As a result, a soluble lactate project was recommended in the *Phase II – Groundwater Source Area Remediation IM Work Plan, Revision 0* (CH2M HILL, July 2004) as the injected electron donor material.

Because of its widespread success at many sites, lactate has been selected as the primary substrate to be used to stimulate reductive dechlorination. Lactate is a naturally occurring organic compound often used in food as a preservative. There are no toxicity or health risks associated with lactate.

Injection of lactate into the aquifer stimulates the enhanced reductive dechlorination (ERD) process because as lactate ferments, it releases hydrogen gas, which is used as the electron donor by many bacteria, especially those involved in the anaerobic biodegradation of chlorinated solvents such as DHE. Typically lactate degrades first to pyruvate, releasing a molecule of hydrogen. Then pyruvate typically degrades to acetate, releasing another molecule of hydrogen. Thus, one molecule of lactate can provide two molecules of hydrogen, which then become available for dehalorespiring bacteria.

Potassium lactate was selected over sodium lactate due to the abundant silt and clay mineral content immediately above the Ashley Formation, because injection of high sodium concentrations could cause swelling or other undesirable changes in the clay. Potassium lactate is typically available as a 60 percent solution, shipped in standard 55-gallon drums or 260-gallon intermediate bulk containers.

In addition, a second electron donor will be evaluated during the IM at SWMU 39. Until recently, a slow-release oil product was not considered suitable for lower permeability formations such as SWMU 39, due to concerns with substrate distribution. However, because of its small uniform droplet size of approximately 1 micrometer (µm), EOS, a patented emulsified oil product, can travel between the formation's soil particles with relative ease. The emulsified soybean oil droplets carry a small negative charge that enables them to migrate a considerable distance from the injection well before they adsorb onto the native positively charged soil particles. The oil provides a slow-release carbon source and electron donor to support long-term anaerobic biodegradation. Chlorinated solvents will partition into the oil, thereby reducing the mass flux of contaminants. Unlike the soluble substrate, potassium lactate, the slow-release properties of emulsified oil limit the number of injection events. Like potassium lactate, the edible soybean oil is used in the food industry, with no toxicity or health risks associated with the material. EOS, the edible oil product to be tested, also contains lactate, which provides a rapidly fermentable substrate, and yeast extract, which provides trace nutrients.

Emulsified oil is shipped in standard 55-gallon drums or 270-gallon intermediate bulk containers. The product is typically mixed with water (4 parts by volume) prior to injection.

Both substrates are diluted with water and can be injected through a series of closely spaced wells or a probe with a perforated tip advanced using DPT. When diluted, the substrate becomes easily miscible with water, with a slight change in specific gravity.

3.2.2 Bioaugmentation

At some sites, the activity of the naturally occurring microorganisms is significantly reduced or potentially inhibited because of site geochemical conditions. Bioaugmentation may also be applicable at SWMU 39 if incomplete dechlorination of TCE occurs, regardless of the electron donors that are used, because the appropriate bacteria are not present. Bioaugmentation involves the injection of a known microbia consortia of chlorinated solvent-degrading bacteria. At some sites, conversion of TCE to cis-1,2-DCE occurs, but further degradation does not occur, even after addition of electron donors and nutrients. Implementation of bioaugmentation with selected known chlorinated solvent-degrading consortia is known to be capable of complete dechlorination to ethene (Major et al., 2001). Complete dechlorination has occurred when bioaugmentation with microbial cultures known to be capable of complete dechlorination has been employed. Bioaugmentation is considered potentially applicable in these special cases and can be evaluated through laboratory microcosm study or pilot testing.

3.3 Target Treatment Area Delineation

The TTAs represent the interpreted lateral and vertical extent of elevated VOC concentrations that are targeted for treatment during the IM. Figure 3-1 shows the general locations of the TTAs at SWMU 39. TTA 1A is an approximately 20-by-40-foot area bounded by Geoprobe locations A039GP124 and A039GP125 north of Building 1608A, with an additional 20-by-20-foot area centered near and extending downgradient of A039GP121. TTA 1B encompasses Geoprobe locations A039GP117, A039GP118, A039GP119, A039GP120, and A039GP128 and is approximately 20 feet by 120 feet, with an additional 20-by-20-foot area centered and extending downgradient of A039GP119. TTA 1B is located immediately south of Building 1608B. The targeted treatment depth at these TTAs is the deeper zone of the shallow aquifer near the top of the Ashley Formation. This zone extends from approximately 38 to 48 ft bls in both TTA 1A and TTA 1B.

3.4 Interim Measure Objectives and Goals

The approach proposed for treating the source areas at SWMU 39—enhanced in situ anaerobic biodegradation using electron donors such as potassium lactate and an emulsified edible oil—has been proven to be effective at a variety of sites across the United States, including the pilot study at Area of Concern (AOC) 607 at the CNC. Under the pilot study, potassium lactate was injected into two existing monitoring wells at AOC 607 during two separate events completed in June and October 2004 to assess further the degree to which the naturally present bacterial consortium in the aquifer can effectively anaerobically degrade PCE.

The aquifer at SWMU 39 is predominantly anaerobic, with dissolved oxygen (DO) concentrations less than 1 milligram per liter and oxygen-reduction potential (ORP) measurements less than 0 millivolts (mV). These conditions are considered favorable for anaerobic biodegradation via reductive dechlorination.

The enhanced anaerobic biodegradation injection system at SWMU 39 will be developed with an objective of achieving a treatment efficiency with individual VOC concentrations reduced eventually to no greater than 100 µg/L. The actual treatment effectiveness achieved may be somewhat above or below this target and will be determined through post-treatment monitoring.

3.5 Pilot Study Approach

As part of the project scope, several individual tasks will be performed to effectively meet the goals documented in this IMWP. The following list summarizes the sequence of field activities and related tasks.

1. Injection and monitoring well installation;
2. Baseline characterization (sampling and analysis) of microbiological and geochemical indicators and groundwater VOC concentrations;
3. Injection of electron donors (potassium lactate and emulsified edible oil); and
4. Post-injection performance monitoring.

Each of these key activities is described below.

3.5.1 Injection and Monitoring Well Installation

Number and Location

Injection wells will be installed in areas of elevated TCE and cis-1,2-DCE concentration in TTAs 1A and 1B. Two injection wells spaced approximately 20 feet apart will be installed in TTA 1A. Similarly, five injection wells spaced approximately 20 feet apart will be installed in TTA 1B. The proposed injection well locations are depicted on Figure 3-1. At each TTA, the wells will be designed in a line perpendicular to groundwater flow. These seven wells will be injected with the soluble substrate, potassium lactate.

One additional injection well will be installed at both TTA 1A (near former Geoprobe A039GP121) and TTA 1B (near former Geoprobe A039GP119). The emulsified soybean oil product will be injected into these two wells.

To evaluate electron donor distribution and performance, six additional monitoring wells (two at TTA 1A and four at TTA 1B) will be installed within the TTAs. The proposed monitoring wells, presented in Figure 3-1, will be positioned approximately 10 feet downgradient of the injection row layout. The location of injection wells must account for underground and overhead utilities and other site obstructions.

Method and Construction

Rotasonic drilling techniques will be used to install the injection and monitoring wells through a borehole diameter of approximately 6 inches. Injection and monitoring wells will be screened from 38 to 48 ft bls at both TTA 1A and TTA 1B.

Each injection well will be installed with a 2-inch diameter, Schedule 80 PVC 0.01-inch slotted screen. The monitoring wells will be constructed using a 2-inch diameter, Schedule 40 PVC 0.01-inch slotted screen. The well casing and screen will be constructed using internal flush joined threaded joints. The filter pack material will be sand, with a grain-size distribution curve that meets the 4-20 gradation specification.

Each well will be completed with a flush mounted well vault and locking cover. The well installation will be performed in accordance with the South Carolina Well Standards and Regulations (R.61-71).

3.5.2 Baseline Characterization Sampling and Analysis

Although the site has been well characterized for the purposes of the RFI and this IM, additional specific sampling will enhance the understanding regarding the amenability of the site to the ERD process, nature of the native microbiological consortium at the site, and current VOC concentrations in the TTAs. The proposed sampling and analysis includes groundwater analysis for VOCs, plus several recently developed analyses to assess the general nature of the native site bacteria.

Some recent studies have indicated that the presence of a unique bacteria species (DHE) in the aquifer may indicate that the native bacterial consortium at a site may be able to completely dechlorinate PCE to ethene. DHE is unique in that it is an obligate dehalorespiring bacteria. It uses chlorinated ethene solvents exclusively as its terminal electron acceptors and is one of the few bacteria identified that can anaerobically dechlorinate DCE to vinyl chloride and then to ethene. Sampling and analysis of site groundwater and aquifer material to assess the presence of DHE will be conducted prior to implementation of the substrate injection. If naturally present in the aquifer, DHE bacteria may allow for the complete anaerobic dechlorination of PCE without requiring the addition of supplemental bacteria.

The presence of DHE bacteria can be detected using several DNA test methods developed in recent years, such as the Polymerase Chain Reaction (PCR), whereby traces of DNA, specific only to microbes of interest, are amplified from environmental samples such that they can be identified. This approach does not allow for specific quantification of the existing and present microbial population. However, a recently developed analytical method (Real Time PCR) allows for quantification of the number of microbes detected, as well as their identification. CH2M-Jones proposes to perform Real Time PCR tests on groundwater and soil samples as part of the baseline testing to assess the presence and number of DHE

organisms at SWMU 39. Only a few laboratories conduct this analysis commercially. CH2M-Jones proposes to use Microbial Insights, Inc., in Knoxville, TN, for this analysis.

In addition to testing for DHE using Real Time PCR, CH2M-Jones proposes to conduct analysis of soil and groundwater samples for phospholipid fatty acid (PLFA) content. PLFAs are an important component in the metabolism of the cell. They degrade extremely quickly once a bacteria dies. Analysis for PLFAs provides a quantitative means to measure viable microbial biomass, overall bacterial community composition, and nutritional status. The PLFA analysis provides significant information regarding the overall composition of native bacterial consortium present in an aquifer. CH2M-Jones proposes to use Microbial Insights for PLFA analysis.

In addition to the Real Time PCR and PLFA analyses, groundwater samples will be collected from the proposed eight injection and six monitoring wells for VOCs, field parameters (DO, ORP, temperature, pH, conductance), sulfate/sulfide, dissolved iron and manganese, volatile fatty acids (VFAs), and alkalinity. Table 3-1 shows the proposed wells for sampling and parameters to be analyzed. Data from these analyses will provide a baseline against which the effectiveness of the enhanced anaerobic biodegradation alternative can be compared.

3.5.3 Substrate Injection and Post Injection Monitoring

Implementation Approach

The overall approach to implementation of the enhanced anaerobic biodegradation alternative will involve injection of a fermentable substrate into the deep interval of the surficial aquifer using CH2M-Jones' newly constructed substrate injection trailer. The injection system mounted on a mobile trailer successfully injected substrate (potassium lactate) during a pilot study at AOC 607. Ten injection wells will be installed at the TTAs as part of this IM and will be used to deliver both substrates to the deep interval of the surficial aquifer. The response of the aquifer and groundwater quality will be measured downgradient of the injection to assess changes in overall biological activity and the degree of biodegradation of the VOCs.

Because native bacteria often require an acclimation period before they adjust to a change in conditions, it may take up to 6 months or possibly longer before the level of effectiveness of the substrate injection can be adequately assessed. During this period, groundwater monitoring will be performed to assess the response of the aquifer to the injection of

substrate. It is expected that several injections of substrate will be required during this period to maintain or achieve the desired reducing conditions.

Injection Process

Prior to injection, the potassium lactate solution will be diluted with tap water to create an approximately 5 to 10 percent lactate solution. Emulsified oil will be also be diluted with water (approximately 4 parts by volume) prior to injection. Approximately 200 to 300 gallons of the substrate solution will be initially pumped into each injection well. A small, low pressure, double-diaphragm pump will be used to deliver the lactate solution to the injection well. Following the lactate injection, approximately 20 gallons of clean water will be injected to flush the wells and push the lactate solution out into the aquifer. Water equating to approximately 3 times the volume of the emulsified oil solution will be delivered into the wells following the oil injection.

Based on the observed downgradient effects of the injection, the volume of lactate and/or emulsified oil injected during subsequent injections may be modified (increased upwards or downwards) to satisfy the biological demand observed in the aquifer.

3.5.4 Post-Injection Monitoring

Monitoring will be performed on a monthly basis during the first quarter starting after each injection event. During this monthly monitoring, field parameters (DO, ORP, temperature, pH, conductance) will be measured in the newly installed monitoring wells to assess the degree to which the aquifer quality is responding to the injection.

Total organic carbon (TOC) will be analyzed on a bi-monthly basis during the injection activities to evaluate substrate distribution and influence. VFAs, TOC, VOCs and additional parameters will be analyzed on a quarterly basis during ongoing substrate injection activities to evaluate both substrate influence and performance. Table 3-2 provides the post-injection monitoring schedule.

CVOCs, TOC, and VFAs are the key parameters that will be used to evaluate the effectiveness of the lactate injections. Dissolved gases will also be evaluated to assess dechlorination to ethene and ethane, the availability of hydrogen, and the presence of methane. The presence of methane demonstrates strong anaerobic conditions. The increase in biodegradation may stimulate bacteria growth, thereby increasing the dissolved iron, manganese, and sulfide in the groundwater. These parameters, along with DHE and PLFA, will be monitored during the period monitoring events, twice a year, starting 6 months after the initial injection.

Secondary performance monitoring events for parameters that can be measured with field instruments will be completed quarterly following monthly monitoring during the first quarter after the initial injection. In addition to the VFA results, trends in increasing TOC and ORP levels will be used to schedule additional lactate injections. DO and ORP results will also be used to evaluate the degree of reducing conditions achieved in the aquifer.

Groundwater Monitoring Procedures

Groundwater monitoring will be completed using a low-flow groundwater sampling technique to collect accurate field parameters (particularly DO and ORP) and less disturbed groundwater samples for the evaluation of dissolved gases. The intake of the low-flow pump will be placed in the middle of the screened interval and purging will continue until the basic groundwater parameters stabilize (pH, temperature, and specific conductance) or until the well has been purged for 30 minutes.

The groundwater analysis will follow the procedures found in the approved Comprehensive Sampling and Analysis Plan (CSAP) portion of the RFI Work Plan (EnSafe, Inc./Allen & Hoshall, 1994). The CSAP outlines all monitoring procedures to be performed during the IM to characterize the environmental setting, source, and releases of hazardous constituents. In addition, the CSAP includes the Quality Assurance Plan (QAP) and Data Management Plan (DMP) to verify that all information and data are valid and properly documented. Unless otherwise noted, the sampling strategy and procedures will be performed in accordance with the EPA Environmental Services Division *Standard Operating Procedures and Quality Assurance Manual* (ESDSOPQAM) (1996).

3.6 Permitting

3.6.1 SCDHEC Well Installation Request

In accordance with R.61-79.265 Subpart F of the South Carolina Hazardous Waste Management Regulations and R.61-71 of the South Carolina Well Standards and Regulations, a request for the advancement of any additional monitoring wells or Geoprobe borings is required to be submitted to SCDHEC 2 weeks prior to the scheduled activity. The written request describes the purpose of the monitoring wells, injection wells and Geoprobe boring activities and consists of construction details, if required, as well as a map depicting the proposed locations.

3.6.2 SCDHEC Underground Injection Control Permit Application

An underground injection control (UIC) permit addendum to the original Zone A UIC permit (No. 538) will be prepared and submitted to SCDHEC for approval. The abbreviated addendum will include a description of the enhanced in situ anaerobic biodegradation technology, injection method, and site figure depicting the injection and monitoring well locations. Fieldwork consisting of substrate injection will be initiated after the UIC permit application is approved by SCDHEC.

3.7 Health and Safety Monitoring

CH2M-Jones places significant emphasis on the health and safety of our personnel, our subcontractors, and the local community. Once all personnel have arrived on site as part of the mobilization phase of the IMWP, a project briefing and health and safety orientation meeting will be held. All work completed as part of this IMWP will be performed in accordance with the CH2M-Jones Site-Specific Health and Safety Plan (HASP) (CH2M-Jones, 2000).

All field personnel are responsible for following the health and safety practices identified in the CH2M-Jones HASP while performing the field activities in a safe and responsible manner.

Copies of the MSDSs for potassium lactate and emulsified edible oil are included in Appendix D.

3.8 Investigation-derived Waste

Investigation-derived waste (IDW) that is generated during the IM will include purge water from the groundwater sampling activities, soil cuttings from injection and monitoring well installation, and personal protective equipment (PPE). IDW will be collected in labeled 55-gallon drums or portable tanks for proper handling. Contained IDW will remain on site temporarily until it is transported to the less-than-90-day storage facility located at Building 1824 at the CNC. Once the analytical results have been reviewed, the 55-gallon drums or portable tank containing the groundwater contents will be transported, as required, to a permitted and licensed facility for treatment or disposal.

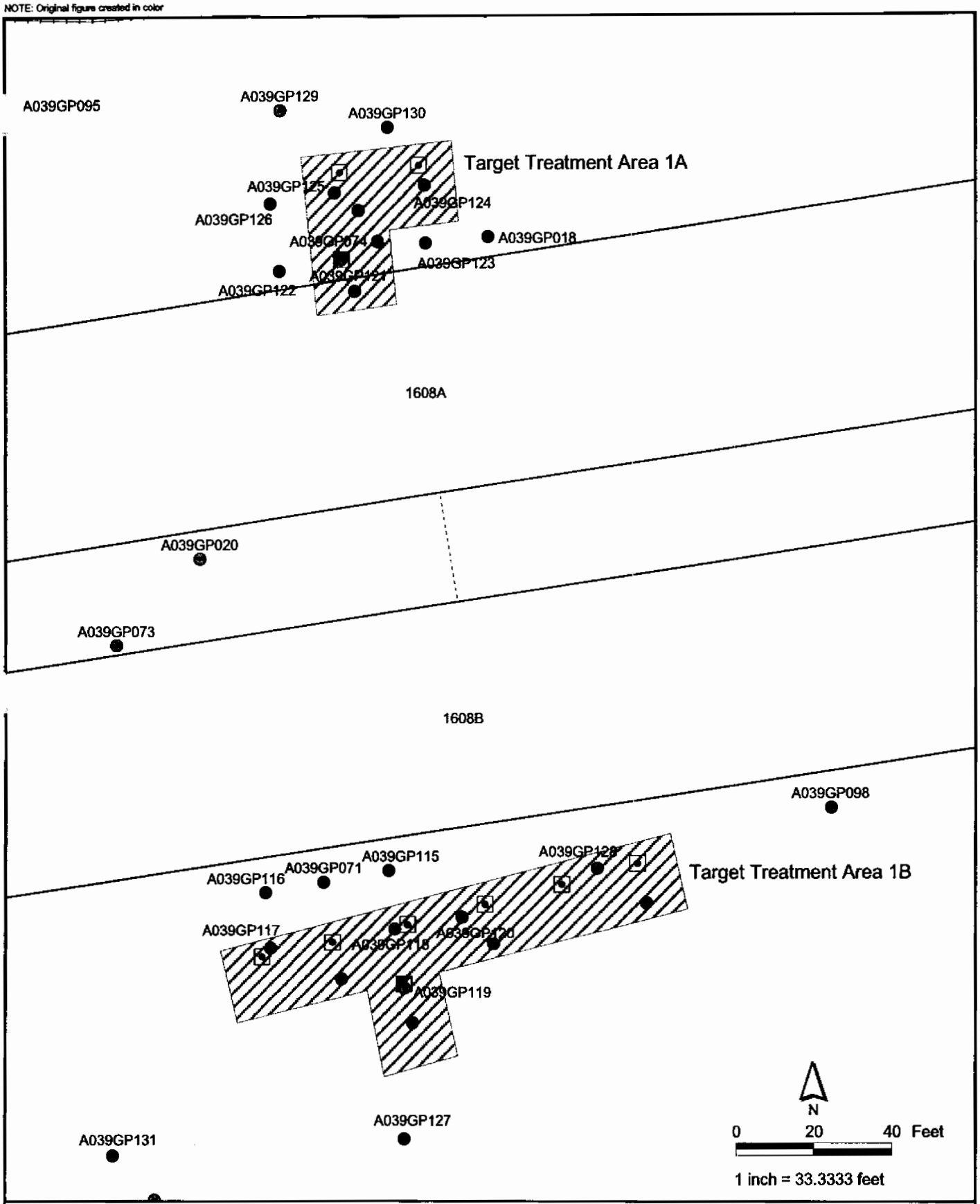
TABLE 3-1
Baseline Characterization Sampling and Analysis
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Location	Media	Parameters
10 Injection Wells	GW	VOCs
6 Monitoring Wells	GW	VOCs, dissolved iron and manganese (field filtered), sulfate/sulfide, TOC, DHE (via Real Time PCR), PLFAs, alkalinity
4 Monitoring Wells (2 at Each TTA)	Soil (one sample collected from screened interval during well installation)	TOC, DHE (via Real Time PCR), PLFAs

TABLE 3-2
Post-Injection Performance Monitoring
Phase II Interim Measure Work Plan, SWMU 39, Zone A, Charleston Naval Complex

Parameter	Method	Sample Volume, Container, and Preservative
[illegible]		
DO, ORP, pH, temperature, and specific conductance	Field	Standard field instruments
[illegible]		
DO, ORP, pH, temperature, and specific conductance	Field	Standard field instruments
VOCs	SW846-8260B	3-40 ml volatile organic analysis (VOA) vial (Teflon lined cap), pH <2 HCl, cool to 4°C
Methane, ethane, and ethene (MEE)	SW8015M	2-40 ml VOA vial (Teflon lined cap), pH <2 HCl, cool to 4°C
Volatile fatty acids (VFA)	Lab method	2-40 ml VOA vial (Teflon lined cap), cool to 4°C
Total Organic Carbon (TOC)	SW9060	250mL HDPE, pH <2 H2SO4, cool to 4°C
[illegible]		
All Quarterly Parameters (see above)		
Sulfate	EPA 300.0	1L HDPE, cool to 4°C
Sulfide	EPA 376	1L HDPE, pH >9 NaOH, Zn Acetate, cool to 4°C
Dissolved iron (field filtered)	SW-846 6010B	250 or 500 mL in HDPE, preserved w/ HNO3 (pH < 2)
Dissolved manganese (field filtered)	SW-846 6010B	250 or 500 mL in HDPE, preserved w/ HNO3 (pH < 2)
Alkalinity	EPA 310.1	1L HDPE, cool to 4°C
DHE	Real-time PCR/Microbial Insights	1L poly (alcohol rinsed), cool to 4°C
PLFAs	Microbial Insights	2 1L poly (alcohol rinsed), cool to 4°C

NOTE: Original figure created in color



Proposed Injection Well - Edible Oil
Proposed Injection Well - Potassium Lactate
Proposed Monitoring Well
Target Treatment Area
Groundwater Probe
Fence
Railroads
Buildings

Figure 3-1
Enhanced In-situ Anaerobic Biodegradation
Substrate Injection and Performance Monitoring Layout
SWMU 39, Zone A
Charleston Naval Complex

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File Path: C:\18gis\Projects\Zone_A\swmu_39\aprs\swmu39_031704.apr, Date: 15 Oct 2004 14:17, User: ASPOSATO, Figure 3-1 Enhanced In-situ Anaerobic Biodegradation

Section 4.0

4.0 Project Schedule

Implementing the enhanced in situ anaerobic biodegradation IM consists of several primary tasks. These tasks and their anticipated duration are provided below.

- Pre-construction Deliverables and Contracts – 1 to 2 Months
- Enhanced In Situ Anaerobic Biodegradation Field Activities – 6 Months Minimum
  - Injection and Monitoring Well Installation – 3 Weeks
  - Injection of Electron Donors – 1 Week
  - Subsequent Injections and Monitoring – Subsequent 6 Months
- Phase II Interim Measure Completion Report – 2 Months after Completion of Field Activities

Pre-construction deliverables and contracts include SCDHEC approval of this Phase II IMWP; preparation and approval of the well request for both the proposed injection and monitoring wells; preparation, submittal, and subsequent approval of the UIC permit addendum; and subcontractor contract preparation.

Enhanced in situ anaerobic biodegradation field activities include identifying and marking underground utilities; injection and monitoring well installation; equipment decontamination; site restoration; and substrate injection.

The post-injection sampling and analysis, as documented in Section 3.0 of this document, includes performance monitoring of the six proposed monitoring wells for at least 6 months following completion of the initial injection activities.

Section 5.0

5.0 References

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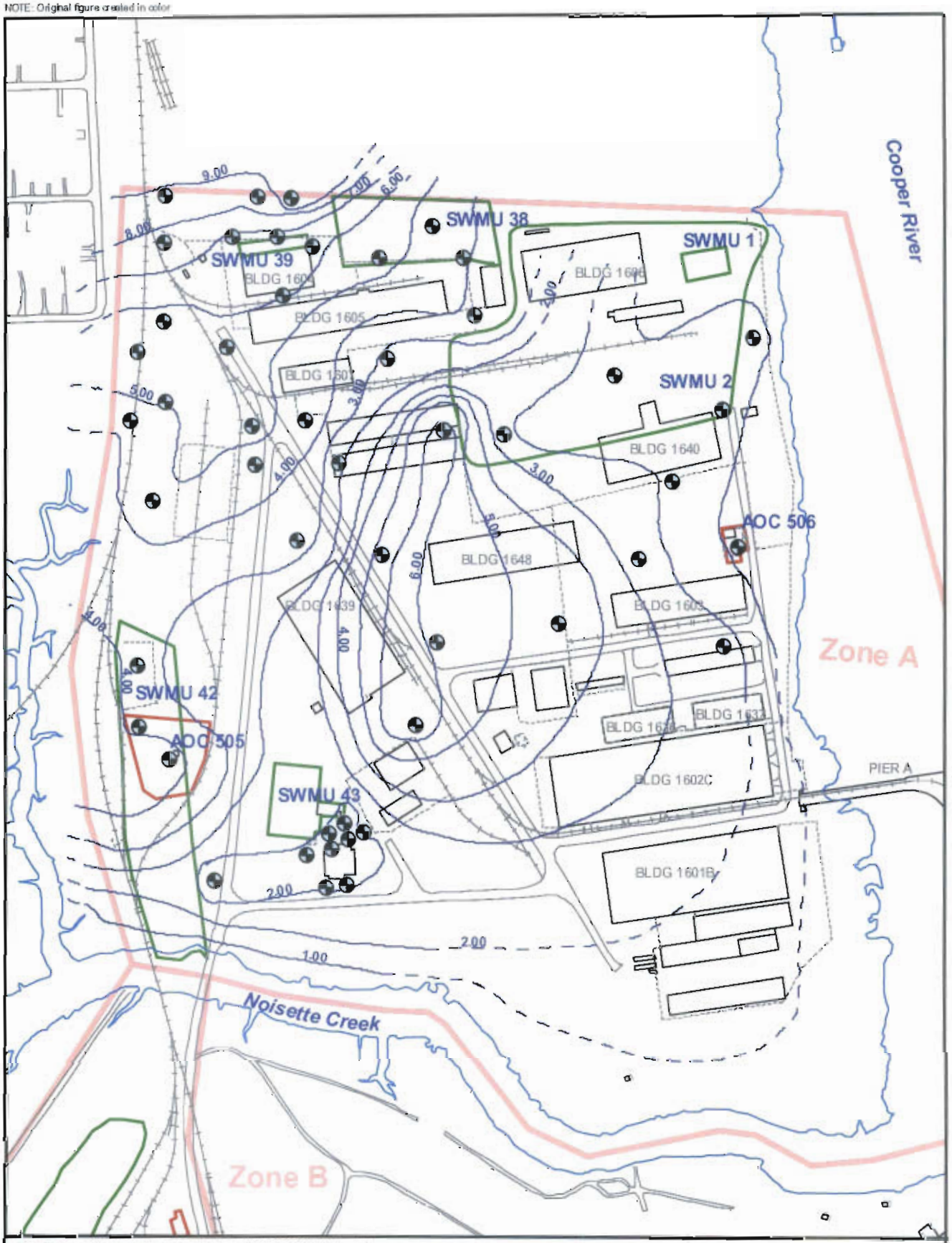
Watts, R. J., Bottenberg, B. C., Hess, T. F., Jensen, M. D., and Teel, A. L. Role of reductants in the enhanced desorption and transformation of chloroaliphatic compounds by modified Fenton's reactions. *Environmental Science and Technology*, v. 33, pp. 3432-3437. 1999.

U.S. Environmental Protection Agency (EPA). *Standard Operating Procedures and Quality Assurance Manual* (ESDSOPQAM). EPA Region IV, Environmental Services Division. 1996.

Appendix A

NOTE: Original figure created in color



Shallow Groundwater Contours (07/13/01) (ft msl)

- Known
- Inferred
- Fence
- Roads
- Shoreline
- Railroads
- Groundwater Well
- AOC Boundary
- SWMU Boundary
- Buildings
- Zone Boundary

N

0 300 600 Feet

Figure 1-6
Shallow Groundwater Contours
Zone A
Charleston Naval Complex

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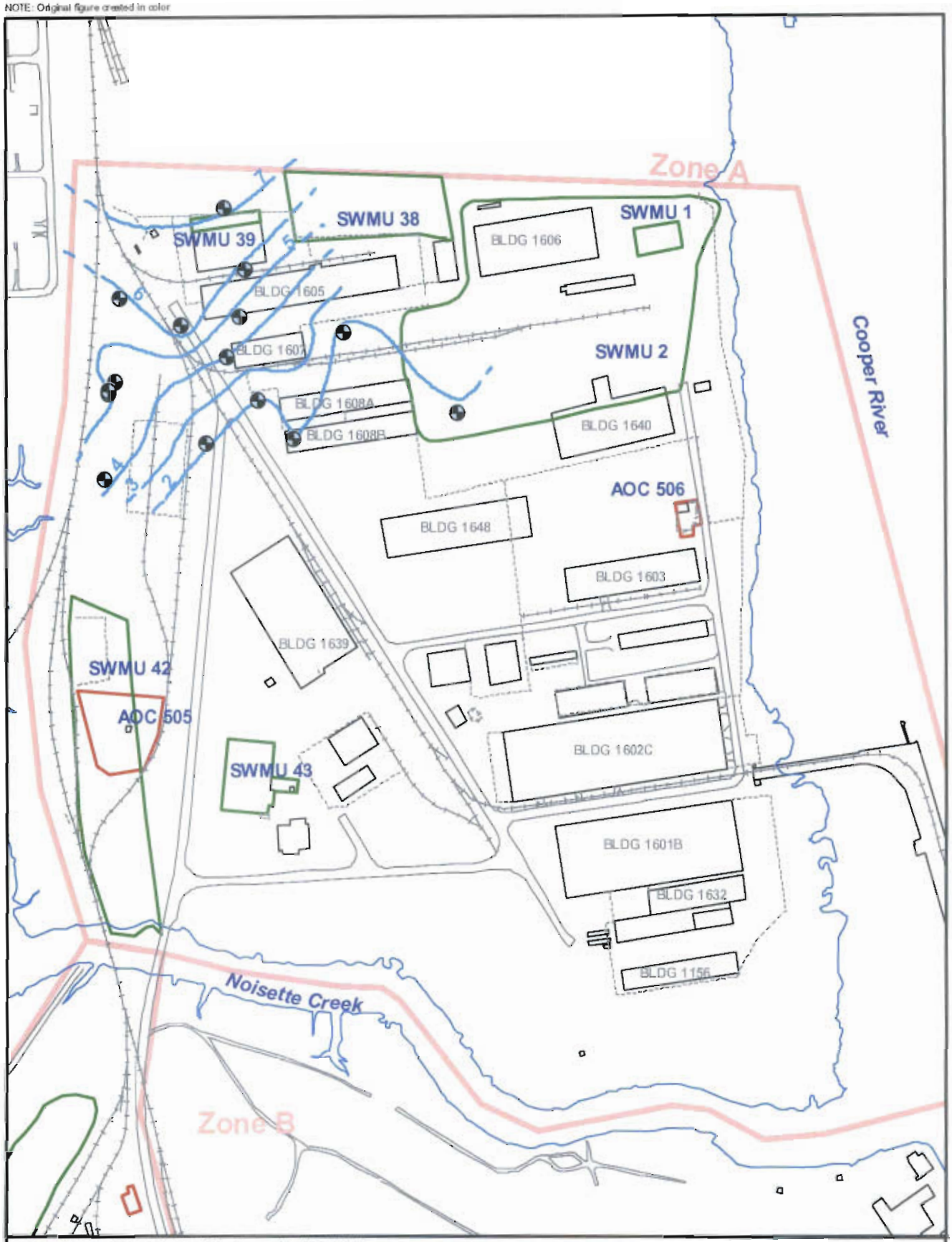
File Path: C:\Projects\Zone_A\swmu_39\aprs\swmu_39.apr, Date: 24 June 2002 11:05, User: AHOLECEK, EGIS: Charleston Naval Complex - Figure 1-6 Shallow Groundwater Contours

NOTE: Original figure created in color



Intermediate Groundwater Contours (07/13/01) (ft msl)

- Known
- Inferred
- Fence
- Roads
- Shoreline
- Railroads
- Groundwater Well
- AOC Boundary
- SWMU Boundary
- Buildings
- Zone Boundary

N

0 300 600 Feet

Figure 1-7
Intermediate Groundwater Contours
Zone A
Charleston Naval Complex

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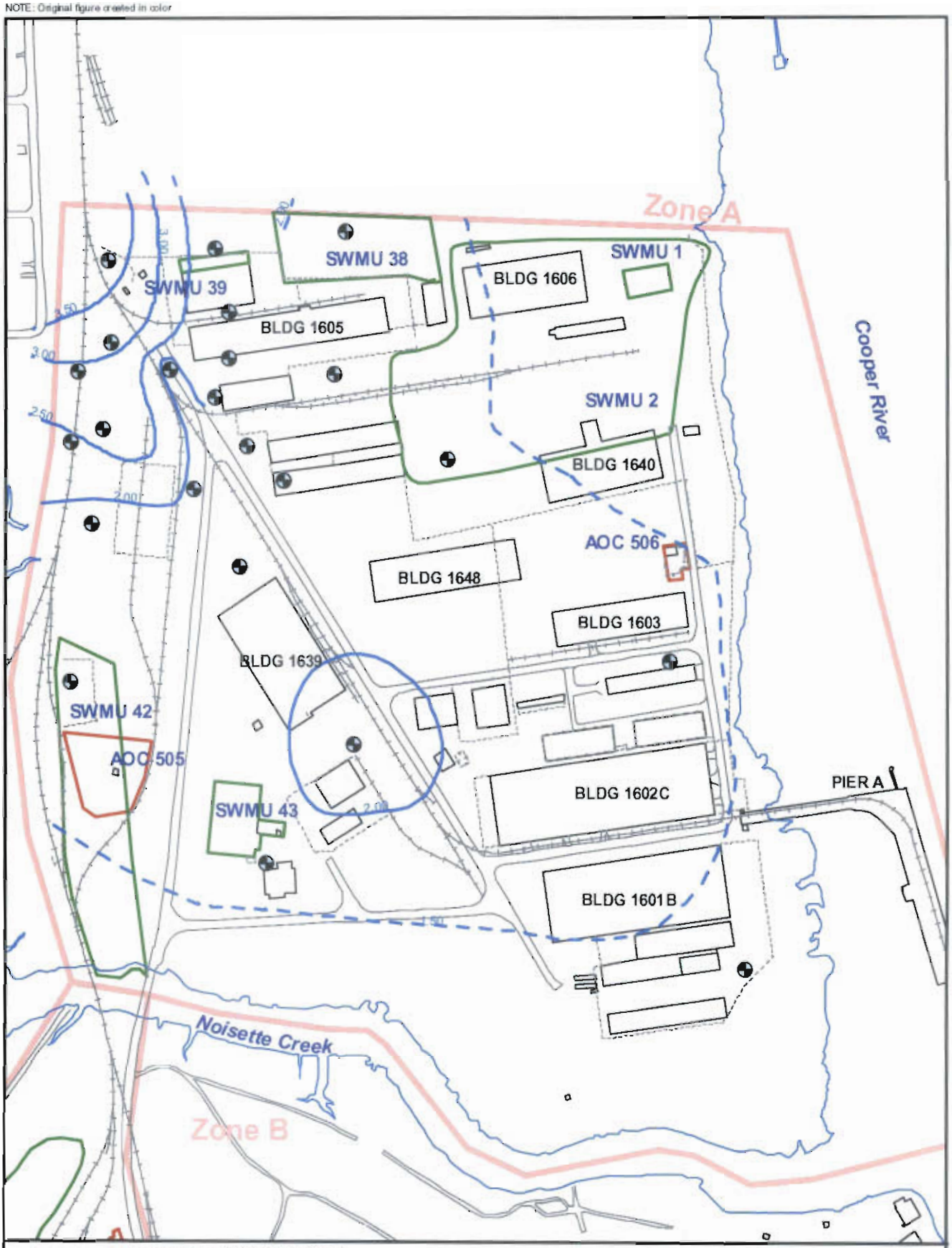
File Path: C:\18gis\Projects\Zone_A\swmu_39\aprs\swmu_39.apr, Date: 24 June 2002 8:11, User: AHOLECEK, Figure 1-7 Figure 1-7 Intermediate Ggroundwater Contours

NOTE: Original figure created in color



Deep Groundwater Contours (07/13/01) (ftmsl)

- Known
- Inferred
- Fence
- Roads
- Shoreline
- Railroads
- Groundwater Well
- AOC Boundary
- SWMU Boundary
- Buildings
- Zone Boundary

N

0 300 600 Feet

Figure 1-8
Deep Groundwater Contours
Zone A
Charleston Naval Complex

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File Path: C:\18gis\Projects\Zone_A\swmu_39\apr\swmu_39.apr, Date: 24 June 2002 8:46, User: AHOLECEK, Figure 1-8 - Figure 1-8 Deep Groundwater Contours

Appendix B

	StationID	A039GP115		A039GP115		A039GP115	
	SampleID	039GP115-I		039GP115D1		039GP115D2	
	DateCollected	09/30/2003		09/30/2003		09/30/2003	
	DateExtracted	10/03/2003		10/03/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/03/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	UJ	10	UJ
Vinyl chloride	ug/L	10	U	1.6	J	10	U
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	5	U	5	U	5	U
Acetone	ug/L	3.9	J	4.2	J	43.7	J
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	U	5	U	5	U
trans-1,2-Dichloroethene	ug/L	5	U	5	U	5	U
1,1-Dichloroethane	ug/L	5	U	5	U	5	U
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	9.5	J
cis-1,2-Dichloroethylene	ug/L	2.1	J	62.8	=	5.8	=
1,2-Dichloroethene (total)	ug/L	2.1	J	62.8	=	5.8	=
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	0.46	J	0.58	J
Trichloroethylene (TCE)	ug/L	0.76	J	47.3	=	1.7	J
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	R	10	UJ	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	0.77	J
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	5	U	5	U

	StationID	A039GP116		A039GP116		A039GP116	
	SampleID	039GP116-I		039GP116D1		039GP116D2	
	DateCollected	09/30/2003		09/30/2003		09/30/2003	
	DateExtracted	10/03/2003		10/03/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/03/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	UJ	10	UJ
Vinyl chloride	ug/L	0.96	J	3.8	J	3.2	J
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	5	U	5	U	5	U
Acetone	ug/L	4	J	3.9	J	3.5	J
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	U	5	U	5	U
trans-1,2-Dichloroethene	ug/L	5	U	0.44	J	5	U
1,1-Dichloroethane	ug/L	5	U	1.1	J	1	J
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	24.3	=	66.6	=	68.5	=
1,2-Dichloroethene (total)	ug/L	24.3	=	67	=	68.5	=
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	5	U	5	U
Trichloroethylene (TCE)	ug/L	7.6	=	18.1	=	17.3	=
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	UJ	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	5	U
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	5	U	5	U

	StationID	A039GP116		A039GP116		A039GP117	
	SampleID	039GP116D3		039GP116D3DL		039GP117-I	
	DateCollected	09/30/2003		09/30/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	50	R	10	UJ
Vinyl chloride	ug/L	10.5	=	10.8	R	5.1	J
Bromomethane	ug/L	10	U	50	R	10	U
Chloroethane	ug/L	10	U	50	R	10	U
1,1-Dichloroethene	ug/L	3.8	J	3.6	R	5	U
Acetone	ug/L	10	U	50	R	10	U
Carbon Disulfide	ug/L	5	U	25	R	5	U
Methylene Chloride	ug/L	5	U	25	R	5	U
trans-1,2-Dichloroethene	ug/L	1.3	J	25	R	0.7	J
1,1-Dichloroethane	ug/L	3	J	25	R	1.6	J
Vinyl acetate	ug/L	10	U	50	R	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	50	R	10	U
cis-1,2-Dichloroethylene	ug/L	193	R	183	=	110	R
1,2-Dichloroethene (total)	ug/L	195	R	183	=	111	R
Chloroform	ug/L	5	U	25	R	5	U
1,1,1-Trichloroethane	ug/L	5	U	25	R	5	U
Carbon Tetrachloride	ug/L	5	U	25	R	5	U
1,2-Dichloroethane	ug/L	5	U	25	R	5	U
Benzene	ug/L	0.54	J	25	R	0.38	J
Trichloroethylene (TCE)	ug/L	56.1	=	53.2	R	40.6	=
1,2-Dichloropropane	ug/L	5	U	25	R	5	U
Bromodichloromethane	ug/L	5	U	25	R	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	50	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	25	R	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	50	R	10	U
Toluene	ug/L	5	U	25	R	5	U
trans-1,3-Dichloropropene	ug/L	5	U	25	R	5	U
1,1,2-Trichloroethane	ug/L	5	U	25	R	5	U
2-Hexanone	ug/L	10	U	50	R	10	U
Tetrachloroethylene (PCE)	ug/L	0.84	J	25	R	5	U

	StationID	A039GP117		A039GP117		A039GP117	
	SampleID	039GP117-IDL		039GP117D1		039GP117D1DL	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/03/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/03/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	20	R	10	UJ	100	R
Vinyl chloride	ug/L	4.6	R	22.2	=	20.1	R
Bromomethane	ug/L	20	R	10	U	100	R
Chloroethane	ug/L	20	R	10	U	100	R
1,1-Dichloroethene	ug/L	2.5	R	10	=	8.5	R
Acetone	ug/L	20	R	10	U	100	R
Carbon Disulfide	ug/L	10	R	5	U	50	R
Methylene Chloride	ug/L	10	R	5	U	50	R
trans-1,2-Dichloroethene	ug/L	10	R	3	J	50	R
1,1-Dichloroethane	ug/L	10	R	7.5	=	50	R
Vinyl acetate	ug/L	20	R	10	U	100	R
Methyl ethyl ketone (2-Butanone)	ug/L	20	R	10	U	100	R
cis-1,2-Dichloroethylene	ug/L	109	=	536	R	464	=
1,2-Dichloroethene (total)	ug/L	109	=	539	R	464	=
Chloroform	ug/L	10	R	5	U	50	R
1,1,1-Trichloroethane	ug/L	10	R	5	U	50	R
Carbon Tetrachloride	ug/L	10	R	5	U	50	R
1,2-Dichloroethane	ug/L	10	R	5	U	50	R
Benzene	ug/L	10	R	2.1	J	50	R
Trichloroethylene (TCE)	ug/L	40.2	R	293	R	241	=
1,2-Dichloropropane	ug/L	10	R	5	U	50	R
Bromodichloromethane	ug/L	10	R	5	U	50	R
2-Chloroethyl vinyl ether	ug/L	20	R	10	UJ	100	R
cis-1,3-Dichloropropene	ug/L	10	R	5	U	50	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	20	R	10	U	100	R
Toluene	ug/L	10	R	0.43	J	50	R
trans-1,3-Dichloropropene	ug/L	10	R	5	U	50	R
1,1,2-Trichloroethane	ug/L	10	R	5	U	50	R
2-Hexanone	ug/L	20	R	10	U	100	R
Tetrachloroethylene (PCE)	ug/L	10	R	4.1	J	50	R

	StationID	A039GP117		A039GP117		A039GP117	
	SampleID	039GP117D2		039GP117D2DL		039GP117D3	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	100	R	10	UJ
Vinyl chloride	ug/L	32.2	=	30.8	R	29.5	=
Bromomethane	ug/L	10	U	100	R	10	U
Chloroethane	ug/L	10	U	100	R	10	U
1,1-Dichloroethene	ug/L	11.1	=	11.1	R	10.3	=
Acetone	ug/L	10	U	100	R	4	J
Carbon Disulfide	ug/L	5	U	50	R	5	U
Methylene Chloride	ug/L	5	U	50	R	5	U
trans-1,2-Dichloroethene	ug/L	4.8	J	50	R	3.4	J
1,1-Dichloroethane	ug/L	8.9	=	50	R	8.3	=
Vinyl acetate	ug/L	10	U	100	R	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	100	R	10	U
cis-1,2-Dichloroethylene	ug/L	643	R	554	=	601	R
1,2-Dichloroethene (total)	ug/L	648	R	554	=	604	R
Chloroform	ug/L	5	U	50	R	5	U
1,1,1-Trichloroethane	ug/L	5	U	50	R	5	U
Carbon Tetrachloride	ug/L	5	U	50	R	5	U
1,2-Dichloroethane	ug/L	5	U	50	R	5	U
Benzene	ug/L	2.1	J	50	R	1.9	J
Trichloroethylene (TCE)	ug/L	285	R	245	=	250	R
1,2-Dichloropropane	ug/L	5	U	50	R	5	U
Bromodichloromethane	ug/L	5	U	50	R	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	100	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	50	R	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	100	R	10	U
Toluene	ug/L	0.61	J	50	R	0.45	J
trans-1,3-Dichloropropene	ug/L	5	U	50	R	5	U
1,1,2-Trichloroethane	ug/L	5	U	50	R	5	U
2-Hexanone	ug/L	10	U	100	R	10	U
Tetrachloroethylene (PCE)	ug/L	4.4	J	50	R	3.7	J

	StationID	A039GP117		A039GP117		A039GP118	
	SampleID	039GP117D3DL		039HP117-IDL		039GP118-I	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/04/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/04/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	100	R	20	R	10	UJ
Vinyl chloride	ug/L	26.1	R	4.6	R	1.2	J
Bromomethane	ug/L	100	R	20	R	10	U
Chloroethane	ug/L	100	R	20	R	10	U
1,1-Dichloroethene	ug/L	10.4	R	2.4	R	5	U
Acetone	ug/L	100	R	20	R	2.9	J
Carbon Disulfide	ug/L	50	R	10	R	5	U
Methylene Chloride	ug/L	50	R	10	R	5	U
trans-1,2-Dichloroethene	ug/L	50	R	10	R	5	U
1,1-Dichloroethane	ug/L	50	R	10	R	5	U
Vinyl acetate	ug/L	100	R	20	R	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	20	R	10	U
cis-1,2-Dichloroethylene	ug/L	530	=	104	=	36.6	=
1,2-Dichloroethene (total)	ug/L	530	=	104	=	36.6	=
Chloroform	ug/L	50	R	10	R	5	U
1,1,1-Trichloroethane	ug/L	50	R	10	R	5	U
Carbon Tetrachloride	ug/L	50	R	10	R	5	U
1,2-Dichloroethane	ug/L	50	R	10	R	5	U
Benzene	ug/L	50	R	10	R	5	U
Trichloroethylene (TCE)	ug/L	218	=	37.6	R	10.8	=
1,2-Dichloropropane	ug/L	50	R	10	R	5	U
Bromodichloromethane	ug/L	50	R	10	R	5	U
2-Chloroethyl vinyl ether	ug/L	100	R	20	R	10	UJ
cis-1,3-Dichloropropene	ug/L	50	R	10	R	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	20	R	10	U
Toluene	ug/L	50	R	10	R	5	U
trans-1,3-Dichloropropene	ug/L	50	R	10	R	5	U
1,1,2-Trichloroethane	ug/L	50	R	10	R	5	U
2-Hexanone	ug/L	100	R	20	R	10	U
Tetrachloroethylene (PCE)	ug/L	50	R	10	R	5	U

	StationID	A039GP118		A039GP118		A039GP118	
	SampleID	039GP118D1		039GP118D1DL		039GP118D2	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	100	R	10	UJ
Vinyl chloride	ug/L	14	=	14.2	R	27.1	=
Bromomethane	ug/L	10	U	100	R	10	U
Chloroethane	ug/L	10	U	100	R	10	U
1,1-Dichloroethene	ug/L	8.6	=	8.3	R	12.4	=
Acetone	ug/L	10	U	100	R	10	U
Carbon Disulfide	ug/L	5	U	50	R	5	U
Methylene Chloride	ug/L	5	U	50	R	5	U
trans-1,2-Dichloroethene	ug/L	2.7	J	50	R	3.8	J
1,1-Dichloroethane	ug/L	4.9	J	50	R	8.6	=
Vinyl acetate	ug/L	10	U	100	R	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	100	R	10	U
cis-1,2-Dichloroethylene	ug/L	406	R	372	=	719	R
1,2-Dichloroethene (total)	ug/L	408	R	372	=	723	R
Chloroform	ug/L	5	U	50	R	5	U
1,1,1-Trichloroethane	ug/L	5	U	50	R	5	U
Carbon Tetrachloride	ug/L	5	U	50	R	5	U
1,2-Dichloroethane	ug/L	5	U	50	R	5	U
Benzene	ug/L	2.1	J	50	R	3.1	J
Trichloroethylene (TCE)	ug/L	416	R	333	=	514	R
1,2-Dichloropropane	ug/L	5	U	50	R	5	U
Bromodichloromethane	ug/L	5	U	50	R	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	100	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	50	R	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	100	R	10	U
Toluene	ug/L	5	U	50	R	5	U
trans-1,3-Dichloropropene	ug/L	5	U	50	R	5	U
1,1,2-Trichloroethane	ug/L	5	U	50	R	5	U
2-Hexanone	ug/L	10	U	100	R	10	U
Tetrachloroethylene (PCE)	ug/L	1.9	J	50	R	2.5	J

	StationID	A039GP118		A039GP118		A039GP118	
	SampleID	039GP118D2DL		039GP118D3		039GP118D3DL	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/03/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/03/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Chloromethane	ug/L	200	R	10	UJ	200	R
Vinyl chloride	ug/L	27.8	R	34.7	=	29.9	R
Bromomethane	ug/L	200	R	10	U	200	R
Chloroethane	ug/L	200	R	10	U	200	R
1,1-Dichloroethene	ug/L	13.2	R	15.1	=	100	R
Acetone	ug/L	200	R	10	U	200	R
Carbon Disulfide	ug/L	100	R	5	U	100	R
Methylene Chloride	ug/L	100	R	5	U	100	R
trans-1,2-Dichloroethene	ug/L	100	R	4.8	J	100	R
1,1-Dichloroethane	ug/L	100	R	10.4	=	100	R
Vinyl acetate	ug/L	200	R	10	U	200	R
Methyl ethyl ketone (2-Butanone)	ug/L	200	R	10	U	200	R
cis-1,2-Dichloroethylene	ug/L	656	=	894	R	705	=
1,2-Dichloroethene (total)	ug/L	656	=	899	R	705	=
Chloroform	ug/L	100	R	5	U	100	R
1,1,1-Trichloroethane	ug/L	100	R	5	U	100	R
Carbon Tetrachloride	ug/L	100	R	5	U	100	R
1,2-Dichloroethane	ug/L	100	R	5	U	100	R
Benzene	ug/L	100	R	3.7	J	100	R
Trichloroethylene (TCE)	ug/L	458	=	628	R	490	=
1,2-Dichloropropane	ug/L	100	R	5	U	100	R
Bromodichloromethane	ug/L	100	R	5	U	100	R
2-Chloroethyl vinyl ether	ug/L	200	R	10	UJ	200	R
cis-1,3-Dichloropropene	ug/L	100	R	5	U	100	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	200	R	10	U	200	R
Toluene	ug/L	100	R	5	U	100	R
trans-1,3-Dichloropropene	ug/L	100	R	5	U	100	R
1,1,2-Trichloroethane	ug/L	100	R	5	U	100	R
2-Hexanone	ug/L	200	R	10	U	200	R
Tetrachloroethylene (PCE)	ug/L	100	R	3.6	J	100	R

	StationID	A039GP119		A039GP119		A039GP119	
	SampleID	039GP119-I		039GP119D1		039GP119D2	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/10/2003		10/10/2003		10/10/2003	
	DateAnalyzed	10/10/2003		10/10/2003		10/10/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	20	U	50	U
Vinyl chloride	ug/L	10	UJ	20	U	6.2	J
Bromomethane	ug/L	10	UJ	20	UJ	50	UJ
Chloroethane	ug/L	10	UJ	20	U	50	U
1,1-Dichloroethene	ug/L	0.44	J	2.4	J	10.8	J
Acetone	ug/L	4.1	J	4.7	J	50	U
Carbon Disulfide	ug/L	5	UJ	10	U	25	U
Methylene Chloride	ug/L	5	UJ	10	U	25	U
trans-1,2-Dichloroethene	ug/L	5	UJ	10	U	25	U
1,1-Dichloroethane	ug/L	5	UJ	10	U	5.5	J
Vinyl acetate	ug/L	10	UJ	20	U	50	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	UJ	20	U	50	U
cis-1,2-Dichloroethylene	ug/L	21.7	J	64.9	=	452	=
1,2-Dichloroethene (total)	ug/L	21.7	J	64.9	=	452	=
Chloroform	ug/L	5	UJ	10	U	25	U
1,1,1-Trichloroethane	ug/L	5	UJ	10	U	25	U
Carbon Tetrachloride	ug/L	5	UJ	10	U	25	U
1,2-Dichloroethane	ug/L	5	UJ	10	U	25	U
Benzene	ug/L	5	UJ	10	U	3.3	J
Trichloroethylene (TCE)	ug/L	7.2	J	137	=	721	R
1,2-Dichloropropane	ug/L	5	UJ	10	U	25	U
Bromodichloromethane	ug/L	5	UJ	10	U	25	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	20	U	50	U
cis-1,3-Dichloropropene	ug/L	5	UJ	10	U	25	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	UJ	20	U	50	U
Toluene	ug/L	5	UJ	10	U	25	U
trans-1,3-Dichloropropene	ug/L	5	UJ	10	U	25	U
1,1,2-Trichloroethane	ug/L	5	UJ	10	U	25	U
2-Hexanone	ug/L	10	UJ	20	U	50	U
Tetrachloroethylene (PCE)	ug/L	5	UJ	10	U	25	U

	StationID	A039GP119		A039GP119		A039GP120	
	SampleID	039GP119D2DL		039GP119D3		039GP120-I	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/09/2003		10/09/2003		10/10/2003	
	DateAnalyzed	10/09/2003		10/09/2003		10/10/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Chloromethane	ug/L	100	R	100	U	10	U
Vinyl chloride	ug/L	100	R	100	U	0.7	J
Bromomethane	ug/L	100	R	100	UJ	10	UJ
Chloroethane	ug/L	100	R	100	U	10	U
1,1-Dichloroethene	ug/L	8.4	R	10.1	J	0.79	J
Acetone	ug/L	100	R	100	U	2.6	J
Carbon Disulfide	ug/L	50	R	50	U	5	U
Methylene Chloride	ug/L	50	R	50	U	5	U
trans-1,2-Dichloroethene	ug/L	50	R	3.8	J	5	U
1,1-Dichloroethane	ug/L	4.5	R	5.7	J	5	U
Vinyl acetate	ug/L	100	R	100	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	100	U	10	U
cis-1,2-Dichloroethylene	ug/L	448	R	467	=	38.8	=
1,2-Dichloroethene (total)	ug/L	448	R	471	=	38.8	=
Chloroform	ug/L	50	R	50	U	5	U
1,1,1-Trichloroethane	ug/L	50	R	50	U	5	U
Carbon Tetrachloride	ug/L	50	R	50	U	5	U
1,2-Dichloroethane	ug/L	50	R	50	U	5	U
Benzene	ug/L	50	R	3.6	J	5	U
Trichloroethylene (TCE)	ug/L	700	=	795	=	24.6	=
1,2-Dichloropropane	ug/L	50	R	50	U	5	U
Bromodichloromethane	ug/L	50	R	50	U	5	U
2-Chloroethyl vinyl ether	ug/L	100	R	100	U	10	R
cis-1,3-Dichloropropene	ug/L	50	R	50	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	100	U	10	U
Toluene	ug/L	50	R	50	U	5	U
trans-1,3-Dichloropropene	ug/L	50	R	50	U	5	U
1,1,2-Trichloroethane	ug/L	50	R	50	U	5	U
2-Hexanone	ug/L	100	R	100	U	10	U
Tetrachloroethylene (PCE)	ug/L	50	R	50	U	5	U

	StationID	A039GP120		A039GP120		A039GP120	
	SampleID	039GP120D1		039GP120D2		039GP120D2DL	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/10/2003		10/10/2003		10/09/2003	
	DateAnalyzed	10/10/2003		10/10/2003		10/09/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Chloromethane	ug/L	10	U	10	U	100	R
Vinyl chloride	ug/L	10	U	1.8	J	100	R
Bromomethane	ug/L	10	UJ	10	UJ	100	R
Chloroethane	ug/L	10	U	10	U	100	R
1,1-Dichloroethene	ug/L	0.8	J	1.9	J	50	R
Acetone	ug/L	2.8	J	15.2	J	100	R
Carbon Disulfide	ug/L	5	U	5	U	50	R
Methylene Chloride	ug/L	5	UJ	5	UJ	50	R
trans-1,2-Dichloroethene	ug/L	0.39	J	0.44	J	50	R
1,1-Dichloroethane	ug/L	5	U	1.6	J	50	R
Vinyl acetate	ug/L	10	U	10	U	100	R
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	100	R
cis-1,2-Dichloroethylene	ug/L	34.6	=	106	J	47	R
1,2-Dichloroethene (total)	ug/L	35	=	107	=	47	R
Chloroform	ug/L	5	U	5	U	50	R
1,1,1-Trichloroethane	ug/L	5	U	5	U	50	R
Carbon Tetrachloride	ug/L	5	U	5	U	50	R
1,2-Dichloroethane	ug/L	5	U	5	U	50	R
Benzene	ug/L	5	U	0.72	J	50	R
Trichloroethylene (TCE)	ug/L	39.9	=	86	=	55.1	R
1,2-Dichloropropane	ug/L	5	U	5	U	50	R
Bromodichloromethane	ug/L	5	U	5	U	50	R
2-Chloroethyl vinyl ether	ug/L	10	U	10	U	100	R
cis-1,3-Dichloropropene	ug/L	5	U	5	U	50	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	100	R
Toluene	ug/L	5	U	5	U	50	R
trans-1,3-Dichloropropene	ug/L	5	U	5	U	50	R
1,1,2-Trichloroethane	ug/L	5	U	5	U	50	R
2-Hexanone	ug/L	10	U	10	U	100	R
Tetrachloroethylene (PCE)	ug/L	5	U	5	U	50	R

	StationID	A039GP120		A039GP121		A039GP121	
	SampleID	039GP120D3		039GP121-I		039GP121D1	
	DateCollected	10/08/2003		10/09/2003		10/09/2003	
	DateExtracted	10/10/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/10/2003		10/16/2003		10/16/2003	
	SDGNumber	89573		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	100	U	10	UJ	10	U
Vinyl chloride	ug/L	23.9	J	10	UJ	10	U
Bromomethane	ug/L	100	UJ	10	UJ	10	UJ
Chloroethane	ug/L	100	U	10	UJ	10	U
1,1-Dichloroethene	ug/L	16.6	J	5	UJ	5	U
Acetone	ug/L	100	U	2.8	J	10	U
Carbon Disulfide	ug/L	50	U	5	UJ	5	U
Methylene Chloride	ug/L	50	U	5	UJ	5	U
trans-1,2-Dichloroethene	ug/L	5.2	J	5	UJ	5	U
1,1-Dichloroethane	ug/L	12.4	J	5	UJ	5	U
Vinyl acetate	ug/L	100	U	10	UJ	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	100	U	10	UJ	10	U
cis-1,2-Dichloroethylene	ug/L	835	=	0.4	J	4.1	J
1,2-Dichloroethene (total)	ug/L	840	=	0.4	J	4.1	J
Chloroform	ug/L	50	U	5	UJ	5	U
1,1,1-Trichloroethane	ug/L	50	U	5	UJ	5	U
Carbon Tetrachloride	ug/L	50	U	5	UJ	5	U
1,2-Dichloroethane	ug/L	16.2	J	5	UJ	5	U
Benzene	ug/L	5	J	5	UJ	5	U
Trichloroethylene (TCE)	ug/L	748	=	5	UJ	1.5	J
1,2-Dichloropropane	ug/L	50	U	5	UJ	5	U
Bromodichloromethane	ug/L	50	U	5	UJ	5	U
2-Chloroethyl vinyl ether	ug/L	100	U	10	UJ	10	U
cis-1,3-Dichloropropene	ug/L	50	U	5	UJ	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	U	10	UJ	10	U
Toluene	ug/L	50	U	5	UJ	5	U
trans-1,3-Dichloropropene	ug/L	50	U	5	UJ	5	U
1,1,2-Trichloroethane	ug/L	50	U	5	UJ	5	U
2-Hexanone	ug/L	100	U	10	UJ	10	U
Tetrachloroethylene (PCE)	ug/L	19	J	5	UJ	5	U

	StationID	A039GP121		A039GP121		A039GP121	
	SampleID	039GP121D2		039GP121D2DL		039GP121D3	
	DateCollected	10/09/2003		10/09/2003		10/09/2003	
	DateExtracted	10/16/2003		10/17/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/17/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	100	R	10	UJ
Vinyl chloride	ug/L	21.8	J	18.2	R	29.6	J
Bromomethane	ug/L	10	UJ	100	R	10	UJ
Chloroethane	ug/L	10	UJ	100	R	10	UJ
1,1-Dichloroethene	ug/L	8.7	J	7	R	11.8	J
Acetone	ug/L	2.9	J	100	R	5	J
Carbon Disulfide	ug/L	5	UJ	50	R	5	UJ
Methylene Chloride	ug/L	5	UJ	50	R	5	UJ
trans-1,2-Dichloroethene	ug/L	5.5	J	5.4	R	7.5	J
1,1-Dichloroethane	ug/L	6.4	J	50	R	8.7	J
Vinyl acetate	ug/L	10	UJ	100	R	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	UJ	100	R	10	UJ
cis-1,2-Dichloroethylene	ug/L	463	R	448	=	571	R
1,2-Dichloroethene (total)	ug/L	468	R	453	=	578	R
Chloroform	ug/L	5	UJ	50	R	5	UJ
1,1,1-Trichloroethane	ug/L	5	UJ	50	R	5	UJ
Carbon Tetrachloride	ug/L	5	UJ	50	R	5	UJ
1,2-Dichloroethane	ug/L	5	UJ	50	R	5	UJ
Benzene	ug/L	0.73	J	50	R	0.76	J
Trichloroethylene (TCE)	ug/L	81.3	J	76.8	R	141	R
1,2-Dichloropropane	ug/L	5	UJ	50	R	5	UJ
Bromodichloromethane	ug/L	5	UJ	50	R	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	UJ	100	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	UJ	50	R	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	UJ	100	R	10	UJ
Toluene	ug/L	5	UJ	50	R	5	UJ
trans-1,3-Dichloropropene	ug/L	5	UJ	50	R	5	UJ
1,1,2-Trichloroethane	ug/L	5	UJ	50	R	5	UJ
2-Hexanone	ug/L	10	UJ	100	R	10	UJ
Tetrachloroethylene (PCE)	ug/L	3.3	J	50	R	3.9	J

	StationID	A039GP121		A039GP122		A039GP122	
	SampleID	039GP121D3DL		039GP122-I		039GP122D1	
	DateCollected	10/09/2003		10/10/2003		10/10/2003	
	DateExtracted	10/17/2003		10/17/2003		10/16/2003	
	DateAnalyzed	10/17/2003		10/17/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	100	R	10	UJ	10	UJ
Vinyl chloride	ug/L	27.2	R	10	U	10	UJ
Bromomethane	ug/L	100	R	10	UJ	10	UJ
Chloroethane	ug/L	100	R	10	U	10	UJ
1,1-Dichloroethene	ug/L	11.1	R	5	U	5	UJ
Acetone	ug/L	100	R	10	U	2.8	J
Carbon Disulfide	ug/L	50	R	5	U	5	UJ
Methylene Chloride	ug/L	50	R	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	7	R	5	U	5	UJ
1,1-Dichloroethane	ug/L	7	R	5	U	5	UJ
Vinyl acetate	ug/L	100	R	10	UJ	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	624	=	5	U	2.2	J
1,2-Dichloroethene (total)	ug/L	631	=	5	U	2.2	J
Chloroform	ug/L	50	R	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	50	R	5	U	5	UJ
Carbon Tetrachloride	ug/L	50	R	5	U	5	UJ
1,2-Dichloroethane	ug/L	50	R	5	U	5	UJ
Benzene	ug/L	50	R	5	U	5	UJ
Trichloroethylene (TCE)	ug/L	148	=	5	U	0.57	J
1,2-Dichloropropane	ug/L	50	R	5	U	5	UJ
Bromodichloromethane	ug/L	50	R	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	100	R	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	50	R	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	10	U	10	UJ
Toluene	ug/L	50	R	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	50	R	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	50	R	5	U	5	UJ
2-Hexanone	ug/L	100	R	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	50	R	5	U	5	UJ

	StationID	A039GP122		A039GP122		A039GP123	
	SampleID	039GP122D2		039GP122D3		039GP123-D1	
	DateCollected	10/10/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	10	U	10	U	10	UJ
Vinyl chloride	ug/L	5.6	J	5.6	J	10	UJ
Bromomethane	ug/L	10	UJ	10	UJ	10	UJ
Chloroethane	ug/L	10	U	10	U	10	UJ
1,1-Dichloroethene	ug/L	1.1	J	1.2	J	5	UJ
Acetone	ug/L	10	U	10	U	3	J
Carbon Disulfide	ug/L	5	U	5	U	5	UJ
Methylene Chloride	ug/L	5	U	5	U	5	UJ
trans-1,2-Dichloroethene	ug/L	1.2	J	1.1	J	5	UJ
1,1-Dichloroethane	ug/L	1.9	J	1.8	J	5	UJ
Vinyl acetate	ug/L	10	U	10	U	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	89.7	=	83.6	=	3.2	J
1,2-Dichloroethene (total)	ug/L	90.8	=	84.8	=	3.2	J
Chloroform	ug/L	5	U	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	UJ
Carbon Tetrachloride	ug/L	5	U	5	U	5	UJ
1,2-Dichloroethane	ug/L	5	U	5	U	5	UJ
Benzene	ug/L	5	U	5	U	5	UJ
Trichloroethylene (TCE)	ug/L	15.2	=	15.3	=	0.46	J
1,2-Dichloropropane	ug/L	5	U	5	U	5	UJ
Bromodichloromethane	ug/L	5	U	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	U	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	UJ
Toluene	ug/L	5	U	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	UJ
2-Hexanone	ug/L	10	U	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	4.9	J	4.8	J	5	UJ

	StationID	A039GP123		A039GP123		A039GP123	
	SampleID	039GP123-I		039GP123D2		039GP123D3	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	U	10	UJ
Vinyl chloride	ug/L	10	UJ	1.6	J	1.6	J
Bromomethane	ug/L	10	UJ	10	UJ	10	UJ
Chloroethane	ug/L	10	UJ	10	U	10	UJ
1,1-Dichloroethene	ug/L	5	UJ	0.51	J	5	UJ
Acetone	ug/L	2.4	J	10	U	10	UJ
Carbon Disulfide	ug/L	5	UJ	5	U	5	UJ
Methylene Chloride	ug/L	5	UJ	5	U	5	UJ
trans-1,2-Dichloroethene	ug/L	5	UJ	0.38	J	5	UJ
1,1-Dichloroethane	ug/L	5	UJ	5	U	5	UJ
Vinyl acetate	ug/L	10	UJ	10	U	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	UJ	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	0.31	J	42.1	=	41.9	J
1,2-Dichloroethene (total)	ug/L	0.31	J	42.5	=	41.9	J
Chloroform	ug/L	5	UJ	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	5	UJ	5	U	5	UJ
Carbon Tetrachloride	ug/L	5	UJ	5	U	5	UJ
1,2-Dichloroethane	ug/L	5	UJ	5	U	5	UJ
Benzene	ug/L	5	UJ	5	U	5	UJ
Trichloroethylene (TCE)	ug/L	5	UJ	6.3	=	6.5	J
1,2-Dichloropropane	ug/L	5	UJ	5	U	5	UJ
Bromodichloromethane	ug/L	5	UJ	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	5	UJ	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	UJ	10	U	10	UJ
Toluene	ug/L	5	UJ	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	5	UJ	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	5	UJ	5	U	5	UJ
2-Hexanone	ug/L	10	UJ	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	5	UJ	5	U	5	UJ

	StationID	A039GP124		A039GP124		A039GP124	
	SampleID	039GP124-I		039GP124D1		039GP124D2	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	U	10	UJ
Vinyl chloride	ug/L	10	UJ	10	U	36.1	J
Bromomethane	ug/L	10	UJ	10	UJ	10	UJ
Chloroethane	ug/L	10	UJ	10	U	10	UJ
1,1-Dichloroethene	ug/L	5	UJ	5	U	16	J
Acetone	ug/L	2.4	J	10	U	3.5	J
Carbon Disulfide	ug/L	5	UJ	5	U	5	UJ
Methylene Chloride	ug/L	5	UJ	5	U	5	UJ
trans-1,2-Dichloroethene	ug/L	5	UJ	5	U	9.6	J
1,1-Dichloroethane	ug/L	5	UJ	5	U	9.4	J
Vinyl acetate	ug/L	10	UJ	10	UJ	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	UJ	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	0.61	J	11.5	=	729	R
1,2-Dichloroethene (total)	ug/L	0.61	J	11.5	=	738	R
Chloroform	ug/L	5	UJ	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	5	UJ	5	U	5	UJ
Carbon Tetrachloride	ug/L	5	UJ	5	U	5	UJ
1,2-Dichloroethane	ug/L	5	UJ	5	U	5	UJ
Benzene	ug/L	5	UJ	5	U	1.2	J
Trichloroethylene (TCE)	ug/L	5	UJ	4.5	J	247	R
1,2-Dichloropropane	ug/L	5	UJ	5	U	5	UJ
Bromodichloromethane	ug/L	5	UJ	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	UJ	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	UJ	10	U	10	UJ
Toluene	ug/L	5	UJ	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	5	UJ	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	5	UJ	5	U	5	UJ
2-Hexanone	ug/L	10	UJ	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	5	UJ	5	U	0.36	J

	StationID	A039GP124		A039GP124		A039GP124	
	SampleID	039GP124D2DL		039GP124D3		039GP124D3DL	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/17/2003		10/16/2003		10/17/2003	
	DateAnalyzed	10/17/2003		10/16/2003		10/17/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Chloromethane	ug/L	100	R	10	UJ	100	R
Vinyl chloride	ug/L	29.7	R	27.3	J	25.6	R
Bromomethane	ug/L	100	R	10	UJ	100	R
Chloroethane	ug/L	100	R	10	UJ	100	R
1,1-Dichloroethene	ug/L	14.4	R	12.6	J	10.7	R
Acetone	ug/L	100	R	2.8	J	100	R
Carbon Disulfide	ug/L	50	R	5	UJ	50	R
Methylene Chloride	ug/L	50	R	5	UJ	50	R
trans-1,2-Dichloroethene	ug/L	6.3	R	7.4	J	6.4	R
1,1-Dichloroethane	ug/L	9.5	R	7.6	J	7	R
Vinyl acetate	ug/L	100	R	10	UJ	100	R
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	10	UJ	100	R
cis-1,2-Dichloroethylene	ug/L	767	=	589	R	627	=
1,2-Dichloroethene (total)	ug/L	773	=	596	R	634	=
Chloroform	ug/L	50	R	5	UJ	50	R
1,1,1-Trichloroethane	ug/L	50	R	5	UJ	50	R
Carbon Tetrachloride	ug/L	50	R	5	UJ	50	R
1,2-Dichloroethane	ug/L	50	R	5	UJ	50	R
Benzene	ug/L	50	R	1.1	J	50	R
Trichloroethylene (TCE)	ug/L	248	=	173	R	174	=
1,2-Dichloropropane	ug/L	50	R	5	UJ	50	R
Bromodichloromethane	ug/L	50	R	5	UJ	50	R
2-Chloroethyl vinyl ether	ug/L	100	R	10	UJ	100	R
cis-1,3-Dichloropropene	ug/L	50	R	5	UJ	50	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	10	UJ	100	R
Toluene	ug/L	50	R	5	UJ	50	R
trans-1,3-Dichloropropene	ug/L	50	R	5	UJ	50	R
1,1,2-Trichloroethane	ug/L	50	R	5	UJ	50	R
2-Hexanone	ug/L	100	R	10	UJ	100	R
Tetrachloroethylene (PCE)	ug/L	50	R	5	UJ	50	R

	StationID	A039GP125		A039GP125		A039GP125	
	SampleID	039GP125-I		039GP125D1		039GP125D2	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/20/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	UJ	10	UJ
Vinyl chloride	ug/L	10	U	10	U	14.9	J
Bromomethane	ug/L	10	U	10	UJ	10	UJ
Chloroethane	ug/L	10	U	10	U	10	UJ
1,1-Dichloroethene	ug/L	5	U	5	U	6.4	J
Acetone	ug/L	10	U	10	U	5.3	J
Carbon Disulfide	ug/L	5	U	5	U	5	UJ
Methylene Chloride	ug/L	5	U	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	5	U	5	U	3.7	J
1,1-Dichloroethane	ug/L	5	U	5	U	5.3	J
Vinyl acetate	ug/L	10	U	10	UJ	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	15.8	=	12.1	=	393	R
1,2-Dichloroethene (total)	ug/L	15.8	=	12.1	=	397	R
Chloroform	ug/L	5	U	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	UJ
Carbon Tetrachloride	ug/L	5	U	5	U	5	UJ
1,2-Dichloroethane	ug/L	5	U	5	U	5	UJ
Benzene	ug/L	5	U	5	U	0.58	J
Trichloroethylene (TCE)	ug/L	5.5	=	3.2	J	100	R
1,2-Dichloropropane	ug/L	5	U	5	U	5	UJ
Bromodichloromethane	ug/L	5	U	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	R	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	UJ
Toluene	ug/L	5	U	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	UJ
2-Hexanone	ug/L	10	U	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	5	U	5	U	0.7	J

	StationID	A039GP125		A039GP125		A039GP125	
	SampleID	039GP125D2DL		039GP125D3		039GP125D3DL	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	50	R	10	UJ	100	R
Vinyl chloride	ug/L	15.6	R	38.1	J	52	R
Bromomethane	ug/L	50	R	10	UJ	100	R
Chloroethane	ug/L	50	R	10	UJ	100	R
1,1-Dichloroethene	ug/L	4.4	R	17.2	J	14.4	R
Acetone	ug/L	50	R	4	J	100	R
Carbon Disulfide	ug/L	25	R	5	UJ	50	R
Methylene Chloride	ug/L	25	R	5	UJ	50	R
trans-1,2-Dichloroethene	ug/L	2.8	R	8.5	J	8	R
1,1-Dichloroethane	ug/L	25	R	12.6	J	12.3	R
Vinyl acetate	ug/L	50	R	10	UJ	100	R
Methyl ethyl ketone (2-Butanone)	ug/L	50	R	10	UJ	100	R
cis-1,2-Dichloroethylene	ug/L	371	J	759	R	901	=
1,2-Dichloroethene (total)	ug/L	374	J	768	R	909	=
Chloroform	ug/L	25	R	5	UJ	50	R
1,1,1-Trichloroethane	ug/L	25	R	5	UJ	50	R
Carbon Tetrachloride	ug/L	25	R	5	UJ	50	R
1,2-Dichloroethane	ug/L	25	R	5	UJ	50	R
Benzene	ug/L	25	R	0.95	J	50	R
Trichloroethylene (TCE)	ug/L	69.2	J	338	R	331	=
1,2-Dichloropropane	ug/L	25	R	5	UJ	50	R
Bromodichloromethane	ug/L	25	R	5	UJ	50	R
2-Chloroethyl vinyl ether	ug/L	50	R	10	UJ	100	R
cis-1,3-Dichloropropene	ug/L	25	R	5	UJ	50	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	50	R	10	UJ	100	R
Toluene	ug/L	25	R	5	UJ	50	R
trans-1,3-Dichloropropene	ug/L	25	R	5	UJ	50	R
1,1,2-Trichloroethane	ug/L	25	R	5	UJ	50	R
2-Hexanone	ug/L	50	R	10	UJ	100	R
Tetrachloroethylene (PCE)	ug/L	25	R	2.7	J	50	R

	StationID	A039GP126		A039GP126		A039GP126	
	SampleID	039GP126-I		039GP126D1		039GP126D2	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/20/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	UJ	10	UJ
Vinyl chloride	ug/L	10	U	10	U	19.5	J
Bromomethane	ug/L	10	U	10	UJ	10	UJ
Chloroethane	ug/L	10	U	10	U	10	UJ
1,1-Dichloroethene	ug/L	5	U	5	U	7.5	J
Acetone	ug/L	10	U	3.8	J	2.6	J
Carbon Disulfide	ug/L	5	U	5	U	5	UJ
Methylene Chloride	ug/L	5	U	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	5	U	5	U	6.5	J
1,1-Dichloroethane	ug/L	5	U	0.66	J	6	J
Vinyl acetate	ug/L	10	U	10	UJ	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	UJ
cis-1,2-Dichloroethylene	ug/L	10.3	=	17.3	=	440	R
1,2-Dichloroethene (total)	ug/L	10.3	=	17.3	=	446	R
Chloroform	ug/L	5	U	5	U	5	UJ
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	UJ
Carbon Tetrachloride	ug/L	5	U	5	U	5	UJ
1,2-Dichloroethane	ug/L	5	U	5	U	5	UJ
Benzene	ug/L	5	U	5	U	0.64	J
Trichloroethylene (TCE)	ug/L	1.2	J	4.7	J	77.5	J
1,2-Dichloropropane	ug/L	5	U	5	U	5	UJ
Bromodichloromethane	ug/L	5	U	5	U	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	UJ
Toluene	ug/L	5	U	5	U	5	UJ
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	UJ
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	UJ
2-Hexanone	ug/L	10	U	10	U	10	UJ
Tetrachloroethylene (PCE)	ug/L	5	U	0.55	J	27.9	J

	StationID	A039GP126		A039GP126		A039GP126	
	SampleID	039GP126D2DL		039GP126D3		039GP126D3DL	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	50	R	10	UJ	50	R
Vinyl chloride	ug/L	23.1	R	21	J	22.7	R
Bromomethane	ug/L	50	R	10	UJ	50	R
Chloroethane	ug/L	50	R	10	UJ	50	R
1,1-Dichloroethene	ug/L	6.3	R	7	J	4.4	R
Acetone	ug/L	50	R	5.6	J	50	R
Carbon Disulfide	ug/L	25	R	5	UJ	25	R
Methylene Chloride	ug/L	25	R	5	UJ	25	R
trans-1,2-Dichloroethene	ug/L	4.9	R	3.8	J	2.7	R
1,1-Dichloroethane	ug/L	5	R	6.5	J	4.8	R
Vinyl acetate	ug/L	50	R	10	UJ	50	R
Methyl ethyl ketone (2-Butanone)	ug/L	50	R	10	UJ	50	R
cis-1,2-Dichloroethylene	ug/L	441	=	387	R	337	=
1,2-Dichloroethene (total)	ug/L	446	=	391	R	340	=
Chloroform	ug/L	25	R	5	UJ	25	R
1,1,1-Trichloroethane	ug/L	25	R	5	UJ	25	R
Carbon Tetrachloride	ug/L	25	R	5	UJ	25	R
1,2-Dichloroethane	ug/L	25	R	5	UJ	25	R
Benzene	ug/L	25	R	0.77	J	25	R
Trichloroethylene (TCE)	ug/L	64.4	R	71	J	51	R
1,2-Dichloropropane	ug/L	25	R	5	UJ	25	R
Bromodichloromethane	ug/L	25	R	5	UJ	25	R
2-Chloroethyl vinyl ether	ug/L	50	R	10	UJ	50	R
cis-1,3-Dichloropropene	ug/L	25	R	5	UJ	25	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	50	R	10	UJ	50	R
Toluene	ug/L	25	R	5	UJ	25	R
trans-1,3-Dichloropropene	ug/L	25	R	5	UJ	25	R
1,1,2-Trichloroethane	ug/L	25	R	5	UJ	25	R
2-Hexanone	ug/L	50	R	10	UJ	50	R
Tetrachloroethylene (PCE)	ug/L	26.3	R	22.3	J	16.4	R

	StationID	A039GP127		A039GP127		A039GP127	
	SampleID	039GP127-I		039GP127D1		039GP127D2	
	DateCollected	10/15/2003		10/15/2003		10/16/2003	
	DateExtracted	10/21/2003		10/21/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/21/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	UJ	10	UJ
Vinyl chloride	ug/L	2.8	J	10	U	29.1	J
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	2.3	J	0.94	J	9.3	J
Acetone	ug/L	10	U	4.8	J	3.5	J
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	U	5	U	5	U
trans-1,2-Dichloroethene	ug/L	0.46	J	5	U	4.1	J
1,1-Dichloroethane	ug/L	5	U	5	U	7.4	J
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	52.6	=	19	=	534	R
1,2-Dichloroethene (total)	ug/L	53	=	19	=	538	R
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	5	U	2.3	J
Trichloroethylene (TCE)	ug/L	35.9	=	34.6	=	240	R
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	UJ	10	UJ
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	5	U
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	1	J	15.7	J

	StationID	A039GP127		A039GP127		A039GP127	
	SampleID	039GP127D2DL		039GP127D3		039GP127D3DL	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/22/2003		10/21/2003		10/22/2003	
	DateAnalyzed	10/22/2003		10/21/2003		10/22/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	100	R	10	UJ	100	R
Vinyl chloride	ug/L	29.3	R	28.5	=	28.4	R
Bromomethane	ug/L	100	R	10	U	100	R
Chloroethane	ug/L	100	R	10	U	100	R
1,1-Dichloroethene	ug/L	8.3	R	10	=	9	R
Acetone	ug/L	24.3	R	6.6	J	100	R
Carbon Disulfide	ug/L	50	R	5	U	50	R
Methylene Chloride	ug/L	50	R	5	U	50	R
trans-1,2-Dichloroethene	ug/L	50	R	4	J	50	R
1,1-Dichloroethane	ug/L	50	R	7.6	=	50	R
Vinyl acetate	ug/L	100	R	10	U	100	R
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	10	U	100	R
cis-1,2-Dichloroethylene	ug/L	454	=	564	R	473	=
1,2-Dichloroethene (total)	ug/L	454	=	568	R	473	=
Chloroform	ug/L	50	R	5	U	50	R
1,1,1-Trichloroethane	ug/L	50	R	5	U	50	R
Carbon Tetrachloride	ug/L	50	R	5	U	50	R
1,2-Dichloroethane	ug/L	50	R	5	U	50	R
Benzene	ug/L	50	R	2.4	J	50	R
Trichloroethylene (TCE)	ug/L	208	=	254	R	215	=
1,2-Dichloropropane	ug/L	50	R	5	U	50	R
Bromodichloromethane	ug/L	50	R	5	U	50	R
2-Chloroethyl vinyl ether	ug/L	100	R	10	UJ	100	R
cis-1,3-Dichloropropene	ug/L	50	R	5	U	50	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	10	U	100	R
Toluene	ug/L	50	R	5	U	50	R
trans-1,3-Dichloropropene	ug/L	50	R	5	U	50	R
1,1,2-Trichloroethane	ug/L	50	R	5	U	50	R
2-Hexanone	ug/L	100	R	10	U	100	R
Tetrachloroethylene (PCE)	ug/L	15.5	R	15	=	12.8	R

	StationID	A039GP128		A039GP128		A039GP128	
	SampleID	039GP128-I		039GP128D1		039GP128D1DL	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/22/2003		10/21/2003		10/22/2003	
	DateAnalyzed	10/22/2003		10/21/2003		10/22/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	10	U	50	R
Vinyl chloride	ug/L	1.1	J	0.96	J	50	R
Bromomethane	ug/L	10	U	10	U	50	R
Chloroethane	ug/L	10	U	10	U	50	R
1,1-Dichloroethene	ug/L	1	J	3.2	J	2.9	R
Acetone	ug/L	2.8	J	2.4	J	50	R
Carbon Disulfide	ug/L	5	U	5	U	25	R
Methylene Chloride	ug/L	5	U	5	U	25	R
trans-1,2-Dichloroethene	ug/L	1.5	J	0.49	J	25	R
1,1-Dichloroethane	ug/L	5	U	5	U	25	R
Vinyl acetate	ug/L	10	U	10	U	50	R
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	50	R
cis-1,2-Dichloroethylene	ug/L	55.1	=	65.2	=	60	R
1,2-Dichloroethene (total)	ug/L	56.6	=	65.6	=	60	R
Chloroform	ug/L	5	U	5	U	25	R
1,1,1-Trichloroethane	ug/L	5	U	5	U	25	R
Carbon Tetrachloride	ug/L	5	U	5	U	25	R
1,2-Dichloroethane	ug/L	5	U	5	U	25	R
Benzene	ug/L	5	U	0.45	J	25	R
Trichloroethylene (TCE)	ug/L	8.9	=	223	R	203	=
1,2-Dichloropropane	ug/L	5	U	5	U	25	R
Bromodichloromethane	ug/L	5	U	5	U	25	R
2-Chloroethyl vinyl ether	ug/L	10	UJ	10	U	50	R
cis-1,3-Dichloropropene	ug/L	5	U	5	U	25	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	50	R
Toluene	ug/L	5	U	5	U	25	R
trans-1,3-Dichloropropene	ug/L	5	U	5	U	25	R
1,1,2-Trichloroethane	ug/L	5	U	5	U	25	R
2-Hexanone	ug/L	10	U	10	U	50	R
Tetrachloroethylene (PCE)	ug/L	5	U	1.3	J	25	R

	StationID	A039GP128		A039GP128		A039GP128	
	SampleID	039GP128D2		039GP128D2DL		039GP128D3	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/20/2003		10/21/2003		10/20/2003	
	DateAnalyzed	10/20/2003		10/21/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Chloromethane	ug/L	10	UJ	100	R	10	UJ
Vinyl chloride	ug/L	19.2	J	25.4	R	15.8	J
Bromomethane	ug/L	10	UJ	100	R	10	UJ
Chloroethane	ug/L	10	UJ	100	R	10	UJ
1,1-Dichloroethene	ug/L	15.5	J	12.6	R	10.9	J
Acetone	ug/L	6	J	100	R	7.8	J
Carbon Disulfide	ug/L	5	UJ	50	R	5	UJ
Methylene Chloride	ug/L	5	UJ	50	R	5	UJ
trans-1,2-Dichloroethene	ug/L	5.2	J	3.9	R	2.3	J
1,1-Dichloroethane	ug/L	12	J	10.5	R	8.3	J
Vinyl acetate	ug/L	10	UJ	100	R	10	UJ
Methyl ethyl ketone (2-Butanone)	ug/L	10	UJ	100	R	10	UJ
cis-1,2-Dichloroethylene	ug/L	784	R	887	J	547	R
1,2-Dichloroethene (total)	ug/L	789	R	891	J	549	R
Chloroform	ug/L	5	UJ	50	R	5	UJ
1,1,1-Trichloroethane	ug/L	5	UJ	50	R	5	UJ
Carbon Tetrachloride	ug/L	5	UJ	50	R	5	UJ
1,2-Dichloroethane	ug/L	5	UJ	50	R	5	UJ
Benzene	ug/L	3	J	50	R	2	J
Trichloroethylene (TCE)	ug/L	658	R	655	J	397	R
1,2-Dichloropropane	ug/L	5	UJ	50	R	5	UJ
Bromodichloromethane	ug/L	5	UJ	50	R	5	UJ
2-Chloroethyl vinyl ether	ug/L	10	UJ	100	R	10	UJ
cis-1,3-Dichloropropene	ug/L	5	UJ	50	R	5	UJ
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	UJ	100	R	10	UJ
Toluene	ug/L	5	UJ	50	R	5	UJ
trans-1,3-Dichloropropene	ug/L	5	UJ	50	R	5	UJ
1,1,2-Trichloroethane	ug/L	5	UJ	50	R	5	UJ
2-Hexanone	ug/L	10	UJ	100	R	10	UJ
Tetrachloroethylene (PCE)	ug/L	6.1	J	3.8	R	8.7	J

	StationID	A039GP128		A039GP129		A039GP129	
	SampleID	039GP128D3DL		039GP12928		039GP12938	
	DateCollected	10/16/2003		11/04/2003		11/04/2003	
	DateExtracted	10/21/2003		11/17/2003		11/18/2003	
	DateAnalyzed	10/21/2003		11/17/2003		11/18/2003	
	SDGNumber	100207		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	100	R	10	U	10	U
Vinyl chloride	ug/L	20.7	R	10	U	10	U
Bromomethane	ug/L	100	R	10	U	10	U
Chloroethane	ug/L	100	R	10	U	10	U
1,1-Dichloroethene	ug/L	9.3	R	5	U	5	U
Acetone	ug/L	100	R	10	U	10	U
Carbon Disulfide	ug/L	50	R	5	U	5	U
Methylene Chloride	ug/L	50	R	5	UJ	5	U
trans-1,2-Dichloroethene	ug/L	50	R	0.68	J	0.41	J
1,1-Dichloroethane	ug/L	50	R	1.1	J	1.2	J
Vinyl acetate	ug/L	100	R	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	100	R	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	616	J	36.8	=	43.8	=
1,2-Dichloroethene (total)	ug/L	616	J	37.5	=	44.2	=
Chloroform	ug/L	50	R	5	U	5	U
1,1,1-Trichloroethane	ug/L	50	R	5	U	5	U
Carbon Tetrachloride	ug/L	50	R	5	U	5	U
1,2-Dichloroethane	ug/L	50	R	5	U	5	U
Benzene	ug/L	50	R	5	U	5	U
Trichloroethylene (TCE)	ug/L	388	J	10.7	=	14.3	=
1,2-Dichloropropane	ug/L	50	R	5	U	5	U
Bromodichloromethane	ug/L	50	R	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	100	R	10	U	10	UJ
cis-1,3-Dichloropropene	ug/L	50	R	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	100	R	10	U	10	U
Toluene	ug/L	50	R	5	U	5	U
trans-1,3-Dichloropropene	ug/L	50	R	5	U	5	U
1,1,2-Trichloroethane	ug/L	50	R	5	U	5	U
2-Hexanone	ug/L	100	R	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	7.3	R	5	U	5	U

	StationID	A039GP129		A039GP129		A039GP129	
	SampleID	039GP12942		039GP12942DL		039GP12946	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/18/2003		11/18/2003		11/17/2003	
	DateAnalyzed	11/18/2003		11/18/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	10	U	50	R	10	U
Vinyl chloride	ug/L	24.4	=	20.4	R	23.2	=
Bromomethane	ug/L	10	U	50	R	10	U
Chloroethane	ug/L	10	U	50	R	10	U
1,1-Dichloroethene	ug/L	5.8	U	4.8	R	6.1	U
Acetone	ug/L	10	U	50	R	10	U
Carbon Disulfide	ug/L	5	U	25	R	5	U
Methylene Chloride	ug/L	5	U	25	R	5	UJ
trans-1,2-Dichloroethene	ug/L	4.3	J	3.6	R	5.1	=
1,1-Dichloroethane	ug/L	4.5	J	4	R	4.7	J
Vinyl acetate	ug/L	10	U	50	R	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	50	R	10	U
cis-1,2-Dichloroethylene	ug/L	367	R	328	=	386	R
1,2-Dichloroethene (total)	ug/L	371	R	332	=	391	R
Chloroform	ug/L	5	U	25	R	5	U
1,1,1-Trichloroethane	ug/L	5	U	25	R	5	U
Carbon Tetrachloride	ug/L	5	U	25	R	5	U
1,2-Dichloroethane	ug/L	5	U	25	R	5	U
Benzene	ug/L	0.74	J	25	R	0.73	J
Trichloroethylene (TCE)	ug/L	44.1	=	39.7	R	49.1	=
1,2-Dichloropropane	ug/L	5	U	25	R	5	U
Bromodichloromethane	ug/L	5	U	25	R	5	U
2-Chloroethyl vinyl ether	ug/L	10	UJ	50	R	10	U
cis-1,3-Dichloropropene	ug/L	5	U	25	R	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	50	R	10	U
Toluene	ug/L	5	U	25	R	5	U
trans-1,3-Dichloropropene	ug/L	5	U	25	R	5	U
1,1,2-Trichloroethane	ug/L	5	U	25	R	5	U
2-Hexanone	ug/L	10	U	50	R	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	25	R	0.36	J

	StationID	A039GP129		A039GP130		A039GP130	
	SampleID	039GP12946DL		039GP13028		039GP13038	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/18/2003		11/18/2003		11/17/2003	
	DateAnalyzed	11/18/2003		11/18/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	50	R	10	U	10	U
Vinyl chloride	ug/L	23.4	R	10	U	10	U
Bromomethane	ug/L	50	R	10	U	10	U
Chloroethane	ug/L	50	R	10	U	10	U
1,1-Dichloroethene	ug/L	4.1	R	5	U	5	U
Acetone	ug/L	50	R	10	U	10	U
Carbon Disulfide	ug/L	25	R	5	U	5	U
Methylene Chloride	ug/L	25	R	5	U	5	UJ
trans-1,2-Dichloroethene	ug/L	4.7	R	5	U	0.72	J
1,1-Dichloroethane	ug/L	3.7	R	5	U	1.1	J
Vinyl acetate	ug/L	50	R	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	50	R	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	346	=	5	U	56.8	=
1,2-Dichloroethene (total)	ug/L	351	=	5	U	57.5	=
Chloroform	ug/L	25	R	5	U	5	U
1,1,1-Trichloroethane	ug/L	25	R	5	U	5	U
Carbon Tetrachloride	ug/L	25	R	5	U	5	U
1,2-Dichloroethane	ug/L	25	R	5	U	5	U
Benzene	ug/L	25	R	5	U	0.37	J
Trichloroethylene (TCE)	ug/L	44.5	R	5	U	28.1	=
1,2-Dichloropropane	ug/L	25	R	5	U	5	U
Bromodichloromethane	ug/L	25	R	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	50	R	10	UJ	10	U
cis-1,3-Dichloropropene	ug/L	25	R	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	50	R	10	U	10	U
Toluene	ug/L	25	R	5	U	5	U
trans-1,3-Dichloropropene	ug/L	25	R	5	U	5	U
1,1,2-Trichloroethane	ug/L	25	R	5	U	5	U
2-Hexanone	ug/L	50	R	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	25	R	5	U	5	U

	StationID	A039GP130		A039GP130		A039GP131	
	SampleID	039GP13042		039GP13046		039GP13128	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	10	U	10	U	10	U
Vinyl chloride	ug/L	4.4	J	5.7	J	10	U
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	5	U	5	U	5	U
Acetone	ug/L	10	U	10	U	10	U
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	UJ	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	0.56	J	0.92	J	5	U
1,1-Dichloroethane	ug/L	1.1	J	1.5	J	5	U
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	74.8	=	95.6	=	4.1	J
1,2-Dichloroethene (total)	ug/L	75.3	=	96.5	=	4.1	J
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	5	U	5	U
Trichloroethylene (TCE)	ug/L	19.8	=	26.1	=	2.6	J
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	U	10	U	10	U
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	5	U
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	0.48	J	5	U

	StationID	A039GP131		A039GP131		A039GP131	
	SampleID	039GP13138		039GP13142		039GP13146	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	Units						
Chloromethane	ug/L	10	U	10	U	10	U
Vinyl chloride	ug/L	10	U	10	U	10	U
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	5	U	5	U	5	U
Acetone	ug/L	10	U	10	U	10	U
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	UJ	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	5	U	5	U	5	U
1,1-Dichloroethane	ug/L	0.69	J	5	U	5	U
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	36	=	10.5	=	11.2	=
1,2-Dichloroethene (total)	ug/L	36	=	10.5	=	11.2	=
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	5	U	5	U
Trichloroethylene (TCE)	ug/L	21.4	=	4.8	J	4.9	J
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	U	10	U	10	U
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	5	U
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	5	U	5	U

	StationID	A039GP132		A039GP132		A039GP132	
	SampleID	039GP13228		039GP13238		039GP13242	
	DateCollected	11/05/2003		11/05/2003		11/05/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	10	U	10	U	10	U
Vinyl chloride	ug/L	10	U	4.4	J	9.4	J
Bromomethane	ug/L	10	U	10	U	10	U
Chloroethane	ug/L	10	U	10	U	10	U
1,1-Dichloroethene	ug/L	5	U	5	U	5	U
Acetone	ug/L	15	U	10	U	10	U
Carbon Disulfide	ug/L	5	U	5	U	5	U
Methylene Chloride	ug/L	5	UJ	5	UJ	5	UJ
trans-1,2-Dichloroethene	ug/L	5	U	0.49	J	2.2	J
1,1-Dichloroethane	ug/L	5	U	0.94	J	4	J
Vinyl acetate	ug/L	10	U	10	U	10	U
Methyl ethyl ketone (2-Butanone)	ug/L	10	U	10	U	10	U
cis-1,2-Dichloroethylene	ug/L	5	U	48.8	=	239	R
1,2-Dichloroethene (total)	ug/L	5	U	49.2	=	241	R
Chloroform	ug/L	5	U	5	U	5	U
1,1,1-Trichloroethane	ug/L	5	U	5	U	5	U
Carbon Tetrachloride	ug/L	5	U	5	U	5	U
1,2-Dichloroethane	ug/L	5	U	5	U	5	U
Benzene	ug/L	5	U	5	U	0.57	J
Trichloroethylene (TCE)	ug/L	5	U	7.6	=	27.9	=
1,2-Dichloropropane	ug/L	5	U	5	U	5	U
Bromodichloromethane	ug/L	5	U	5	U	5	U
2-Chloroethyl vinyl ether	ug/L	10	U	10	U	10	U
cis-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	10	U	10	U	10	U
Toluene	ug/L	5	U	5	U	5	U
trans-1,3-Dichloropropene	ug/L	5	U	5	U	5	U
1,1,2-Trichloroethane	ug/L	5	U	5	U	5	U
2-Hexanone	ug/L	10	U	10	U	10	U
Tetrachloroethylene (PCE)	ug/L	5	U	3.4	J	7	=

	StationID	A039GP132		A039GP132		A039GP132	
	SampleID	039GP13242DL		039GP13246		039GP13246DL	
	DateCollected	11/05/2003		11/05/2003		11/05/2003	
	DateExtracted	11/18/2003		11/17/2003		11/18/2003	
	DateAnalyzed	11/18/2003		11/17/2003		11/18/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Chloromethane	ug/L	50	R	10	U	50	R
Vinyl chloride	ug/L	9.9	R	15.6	=	16	R
Bromomethane	ug/L	50	R	10	U	50	R
Chloroethane	ug/L	50	R	10	U	50	R
1,1-Dichloroethene	ug/L	25	R	5	U	2.4	R
Acetone	ug/L	50	R	10	U	50	R
Carbon Disulfide	ug/L	25	R	5	U	25	R
Methylene Chloride	ug/L	25	R	5	UJ	25	R
trans-1,2-Dichloroethene	ug/L	2.3	R	3.6	J	3.5	R
1,1-Dichloroethane	ug/L	4.1	R	5.1	=	4.4	R
Vinyl acetate	ug/L	50	R	10	U	50	R
Methyl ethyl ketone (2-Butanone)	ug/L	50	R	10	U	50	R
cis-1,2-Dichloroethylene	ug/L	229	=	301	R	270	=
1,2-Dichloroethene (total)	ug/L	231	=	305	R	274	=
Chloroform	ug/L	25	R	5	U	25	R
1,1,1-Trichloroethane	ug/L	25	R	5	U	25	R
Carbon Tetrachloride	ug/L	25	R	5	U	25	R
1,2-Dichloroethane	ug/L	25	R	5	U	25	R
Benzene	ug/L	25	R	0.76	J	25	R
Trichloroethylene (TCE)	ug/L	27.4	R	51.2	=	50.2	R
1,2-Dichloropropane	ug/L	25	R	5	U	25	R
Bromodichloromethane	ug/L	25	R	5	U	25	R
2-Chloroethyl vinyl ether	ug/L	50	R	10	R	50	R
cis-1,3-Dichloropropene	ug/L	25	R	5	U	25	R
Methyl isobutyl ketone (4-Methyl-2-pentanone)	ug/L	50	R	10	U	50	R
Toluene	ug/L	25	R	5	U	25	R
trans-1,3-Dichloropropene	ug/L	25	R	5	U	25	R
1,1,2-Trichloroethane	ug/L	25	R	5	U	25	R
2-Hexanone	ug/L	50	R	10	U	50	R
Tetrachloroethylene (PCE)	ug/L	7.2	R	20.3	=	20.8	R

	StationID	A039GP115		A039GP115		A039GP115	
	SampleID	039GP115-I		039GP115D1		039GP115D2	
	DateCollected	09/30/2003		09/30/2003		09/30/2003	
	DateExtracted	10/03/2003		10/03/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/03/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP116		A039GP116		A039GP116	
	SampleID	039GP116-I		039GP116D1		039GP116D2	
	DateCollected	09/30/2003		09/30/2003		09/30/2003	
	DateExtracted	10/03/2003		10/03/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/03/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP116		A039GP116		A039GP117	
	SampleID	039GP116D3		039GP116D3DL		039GP117-I	
	DateCollected	09/30/2003		09/30/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	25	R	5	U
Chlorobenzene	ug/L	5	U	25	R	5	U
Ethylbenzene	ug/L	5	U	25	R	5	U
m+p Xylene	ug/L	5	U	25	R	5	U
o-Xylene	ug/L	5	U	25	R	5	U
Xylenes, Total	ug/L	5	U	25	R	5	U
Styrene	ug/L	5	U	25	R	5	U
Bromoform	ug/L	5	U	25	R	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	25	R	5	U
1,3-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,4-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,2-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	25	R	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	25	R	5	U

	StationID	A039GP117		A039GP117		A039GP117	
	SampleID	039GP117-IDL		039GP117D1		039GP117D1DL	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/03/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/03/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	10	R	5	U	50	R
Chlorobenzene	ug/L	10	R	5	U	50	R
Ethylbenzene	ug/L	10	R	5	U	50	R
m+p Xylene	ug/L	10	R	5	U	50	R
o-Xylene	ug/L	10	R	5	U	50	R
Xylenes, Total	ug/L	10	R	5	U	50	R
Styrene	ug/L	10	R	5	U	50	R
Bromoform	ug/L	10	R	5	U	50	R
1,1,2,2-Tetrachloroethane	ug/L	10	R	5	U	50	R
1,3-Dichlorobenzene	ug/L	10	R	5	U	50	R
1,4-Dichlorobenzene	ug/L	10	R	5	U	50	R
1,2-Dichlorobenzene	ug/L	10	R	5	U	50	R
1,2,4-Trichlorobenzene	ug/L	10	R	5	U	50	R
1,2,3-Trichlorobenzene	ug/L	10	R	5	U	50	R

	StationID	A039GP117		A039GP117		A039GP117	
	SampleID	039GP117D2		039GP117D2DL		039GP117D3	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	50	R	5	U
Chlorobenzene	ug/L	5	U	50	R	5	U
Ethylbenzene	ug/L	5	U	50	R	5	U
m+p Xylene	ug/L	5	U	50	R	5	U
o-Xylene	ug/L	5	U	50	R	5	U
Xylenes, Total	ug/L	5	U	50	R	5	U
Styrene	ug/L	5	U	50	R	5	U
Bromoform	ug/L	5	U	50	R	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	50	R	5	U
1,3-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,4-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,2-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	50	R	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	50	R	5	U

	StationID	A039GP117		A039GP117		A039GP118	
	SampleID	039GP117D3DL		039HP117-IDL		039GP118-I	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/04/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/04/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	10	R	5	U
Chlorobenzene	ug/L	50	R	10	R	5	U
Ethylbenzene	ug/L	50	R	10	R	5	U
m+p Xylene	ug/L	50	R	10	R	5	U
o-Xylene	ug/L	50	R	10	R	5	U
Xylenes, Total	ug/L	50	R	10	R	5	U
Styrene	ug/L	50	R	10	R	5	U
Bromoform	ug/L	50	R	10	R	5	U
1,1,2,2-Tetrachloroethane	ug/L	50	R	10	R	5	U
1,3-Dichlorobenzene	ug/L	50	R	10	R	5	U
1,4-Dichlorobenzene	ug/L	50	R	10	R	5	U
1,2-Dichlorobenzene	ug/L	50	R	10	R	5	U
1,2,4-Trichlorobenzene	ug/L	50	R	10	R	5	U
1,2,3-Trichlorobenzene	ug/L	50	R	10	R	5	U

	StationID	A039GP118		A039GP118		A039GP118	
	SampleID	039GP118D1		039GP118D1DL		039GP118D2	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/03/2003		10/04/2003		10/03/2003	
	DateAnalyzed	10/03/2003		10/04/2003		10/03/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	50	R	5	U
Chlorobenzene	ug/L	5	U	50	R	5	U
Ethylbenzene	ug/L	5	U	50	R	5	U
m+p Xylene	ug/L	5	U	50	R	5	U
o-Xylene	ug/L	5	U	50	R	5	U
Xylenes, Total	ug/L	5	U	50	R	5	U
Styrene	ug/L	5	U	50	R	5	U
Bromoform	ug/L	5	U	50	R	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	50	R	5	U
1,3-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,4-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,2-Dichlorobenzene	ug/L	5	U	50	R	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	50	R	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	50	R	5	U

	StationID	A039GP118		A039GP118		A039GP118	
	SampleID	039GP118D2DL		039GP118D3		039GP118D3DL	
	DateCollected	10/01/2003		10/01/2003		10/01/2003	
	DateExtracted	10/04/2003		10/03/2003		10/04/2003	
	DateAnalyzed	10/04/2003		10/03/2003		10/04/2003	
	SDGNumber	89179		89179		89179	
Parameter	**Units**						
Dibromochloromethane	ug/L	100	R	5	U	100	R
Chlorobenzene	ug/L	100	R	5	U	100	R
Ethylbenzene	ug/L	100	R	5	U	100	R
m+p Xylene	ug/L	100	R	5	U	100	R
o-Xylene	ug/L	100	R	5	U	100	R
Xylenes, Total	ug/L	100	R	5	U	100	R
Styrene	ug/L	100	R	5	U	100	R
Bromoform	ug/L	100	R	5	U	100	R
1,1,2,2-Tetrachloroethane	ug/L	100	R	5	U	100	R
1,3-Dichlorobenzene	ug/L	100	R	5	U	100	R
1,4-Dichlorobenzene	ug/L	100	R	5	U	100	R
1,2-Dichlorobenzene	ug/L	100	R	5	U	100	R
1,2,4-Trichlorobenzene	ug/L	100	R	5	U	100	R
1,2,3-Trichlorobenzene	ug/L	100	R	5	U	100	R

	StationID	A039GP119		A039GP119		A039GP119	
	SampleID	039GP119-I		039GP119D1		039GP119D2	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/10/2003		10/10/2003		10/10/2003	
	DateAnalyzed	10/10/2003		10/10/2003		10/10/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	UJ	10	U	25	U
Chlorobenzene	ug/L	5	UJ	10	U	25	U
Ethylbenzene	ug/L	5	UJ	10	U	25	U
m+p Xylene	ug/L	5	UJ	10	U	25	U
o-Xylene	ug/L	5	UJ	10	U	25	U
Xylenes, Total	ug/L	5	UJ	10	U	25	U
Styrene	ug/L	5	UJ	10	U	25	U
Bromoform	ug/L	5	UJ	10	U	25	U
1,1,2,2-Tetrachloroethane	ug/L	5	UJ	10	U	25	U
1,3-Dichlorobenzene	ug/L	5	UJ	10	U	25	U
1,4-Dichlorobenzene	ug/L	5	UJ	10	U	25	U
1,2-Dichlorobenzene	ug/L	5	UJ	10	U	25	U
1,2,4-Trichlorobenzene	ug/L	5	UJ	10	U	25	U
1,2,3-Trichlorobenzene	ug/L	5	UJ	10	U	25	U

	StationID	A039GP119		A039GP119		A039GP120	
	SampleID	039GP119D2DL		039GP119D3		039GP120-I	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/09/2003		10/09/2003		10/10/2003	
	DateAnalyzed	10/09/2003		10/09/2003		10/10/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	50	U	5	U
Chlorobenzene	ug/L	50	R	50	U	5	U
Ethylbenzene	ug/L	50	R	50	U	5	U
m+p Xylene	ug/L	50	R	50	U	5	U
o-Xylene	ug/L	50	R	50	U	5	U
Xylenes, Total	ug/L	50	R	50	U	5	U
Styrene	ug/L	50	R	50	U	5	U
Bromoform	ug/L	50	R	50	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	50	R	50	U	5	U
1,3-Dichlorobenzene	ug/L	50	R	50	U	5	U
1,4-Dichlorobenzene	ug/L	50	R	50	U	5	U
1,2-Dichlorobenzene	ug/L	50	R	50	U	5	U
1,2,4-Trichlorobenzene	ug/L	50	R	50	U	5	U
1,2,3-Trichlorobenzene	ug/L	50	R	50	U	5	U

	StationID	A039GP120		A039GP120		A039GP120	
	SampleID	039GP120D1		039GP120D2		039GP120D2DL	
	DateCollected	10/07/2003		10/07/2003		10/07/2003	
	DateExtracted	10/10/2003		10/10/2003		10/09/2003	
	DateAnalyzed	10/10/2003		10/10/2003		10/09/2003	
	SDGNumber	89573		89573		89573	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	50	R
Chlorobenzene	ug/L	5	U	5	U	50	R
Ethylbenzene	ug/L	5	U	5	U	50	R
m+p Xylene	ug/L	5	U	5	U	50	R
o-Xylene	ug/L	5	U	5	U	50	R
Xylenes, Total	ug/L	5	U	5	U	50	R
Styrene	ug/L	5	U	5	U	50	R
Bromoform	ug/L	5	U	5	U	50	R
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	50	R
1,3-Dichlorobenzene	ug/L	5	U	5	U	50	R
1,4-Dichlorobenzene	ug/L	5	U	5	U	50	R
1,2-Dichlorobenzene	ug/L	5	U	5	U	50	R
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	50	R
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	50	R

	StationID	A039GP120		A039GP121		A039GP121	
	SampleID	039GP120D3		039GP121-I		039GP121D1	
	DateCollected	10/08/2003		10/09/2003		10/09/2003	
	DateExtracted	10/10/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/10/2003		10/16/2003		10/16/2003	
	SDGNumber	89573		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	U	5	UJ	5	U
Chlorobenzene	ug/L	50	U	5	UJ	5	U
Ethylbenzene	ug/L	50	U	5	UJ	5	U
m+p Xylene	ug/L	50	U	5	UJ	5	U
o-Xylene	ug/L	50	U	5	UJ	5	U
Xylenes, Total	ug/L	50	U	5	UJ	5	U
Styrene	ug/L	50	U	5	UJ	5	U
Bromoform	ug/L	50	U	5	UJ	5	U
1,1,2,2-Tetrachloroethane	ug/L	50	U	5	UJ	5	U
1,3-Dichlorobenzene	ug/L	50	U	5	UJ	5	U
1,4-Dichlorobenzene	ug/L	50	U	5	UJ	5	U
1,2-Dichlorobenzene	ug/L	50	U	5	UJ	5	U
1,2,4-Trichlorobenzene	ug/L	50	U	5	UJ	5	U
1,2,3-Trichlorobenzene	ug/L	50	U	5	UJ	5	U

	StationID	A039GP121		A039GP121		A039GP121	
	SampleID	039GP121D2		039GP121D2DL		039GP121D3	
	DateCollected	10/09/2003		10/09/2003		10/09/2003	
	DateExtracted	10/16/2003		10/17/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/17/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	UJ	50	R	5	UJ
Chlorobenzene	ug/L	5	UJ	50	R	5	UJ
Ethylbenzene	ug/L	5	UJ	50	R	5	UJ
m+p Xylene	ug/L	5	UJ	50	R	5	UJ
o-Xylene	ug/L	5	UJ	50	R	5	UJ
Xylenes, Total	ug/L	5	UJ	50	R	5	UJ
Styrene	ug/L	5	UJ	50	R	5	UJ
Bromoform	ug/L	5	UJ	50	R	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	UJ	50	R	5	UJ
1,3-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,4-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	UJ	50	R	5	UJ

	StationID	A039GP121		A039GP122		A039GP122	
	SampleID	039GP121D3DL		039GP122-I		039GP122D1	
	DateCollected	10/09/2003		10/10/2003		10/10/2003	
	DateExtracted	10/17/2003		10/17/2003		10/16/2003	
	DateAnalyzed	10/17/2003		10/17/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	5	U	5	UJ
Chlorobenzene	ug/L	50	R	5	U	5	UJ
Ethylbenzene	ug/L	50	R	5	U	5	UJ
m+p Xylene	ug/L	50	R	5	U	5	UJ
o-Xylene	ug/L	50	R	5	U	5	UJ
Xylenes, Total	ug/L	50	R	5	U	5	UJ
Styrene	ug/L	50	R	5	U	5	UJ
Bromoform	ug/L	50	R	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	50	R	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	50	R	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	50	R	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	50	R	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	50	R	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	50	R	5	U	5	UJ

	StationID	A039GP122		A039GP122		A039GP123	
	SampleID	039GP122D2		039GP122D3		039GP123-D1	
	DateCollected	10/10/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	UJ
Chlorobenzene	ug/L	5	U	5	U	5	UJ
Ethylbenzene	ug/L	5	U	5	U	5	UJ
m+p Xylene	ug/L	5	U	5	U	5	UJ
o-Xylene	ug/L	5	U	5	U	5	UJ
Xylenes, Total	ug/L	5	U	5	U	5	UJ
Styrene	ug/L	5	U	5	U	5	UJ
Bromoform	ug/L	5	U	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	UJ

	StationID	A039GP123		A039GP123		A039GP123	
	SampleID	039GP123-I		039GP123D2		039GP123D3	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	UJ	5	U	5	UJ
Chlorobenzene	ug/L	5	UJ	5	U	5	UJ
Ethylbenzene	ug/L	5	UJ	5	U	5	UJ
m+p Xylene	ug/L	5	UJ	5	U	5	UJ
o-Xylene	ug/L	5	UJ	5	U	5	UJ
Xylenes, Total	ug/L	5	UJ	5	U	5	UJ
Styrene	ug/L	5	UJ	5	U	5	UJ
Bromoform	ug/L	5	UJ	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	UJ	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	UJ	5	U	5	UJ

	StationID	A039GP124		A039GP124		A039GP124	
	SampleID	039GP124-I		039GP124D1		039GP124D2	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/16/2003		10/16/2003		10/16/2003	
	DateAnalyzed	10/16/2003		10/16/2003		10/16/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	UJ	5	U	5	UJ
Chlorobenzene	ug/L	5	UJ	5	U	5	UJ
Ethylbenzene	ug/L	5	UJ	5	U	5	UJ
m+p Xylene	ug/L	5	UJ	5	U	5	UJ
o-Xylene	ug/L	5	UJ	5	U	5	UJ
Xylenes, Total	ug/L	5	UJ	5	U	5	UJ
Styrene	ug/L	5	UJ	5	U	5	UJ
Bromoform	ug/L	5	UJ	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	UJ	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	UJ	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	UJ	5	U	5	UJ

	StationID	A039GP124		A039GP124		A039GP124	
	SampleID	039GP124D2DL		039GP124D3		039GP124D3DL	
	DateCollected	10/14/2003		10/14/2003		10/14/2003	
	DateExtracted	10/17/2003		10/16/2003		10/17/2003	
	DateAnalyzed	10/17/2003		10/16/2003		10/17/2003	
	SDGNumber	89993		89993		89993	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	5	UJ	50	R
Chlorobenzene	ug/L	50	R	5	UJ	50	R
Ethylbenzene	ug/L	50	R	5	UJ	50	R
m+p Xylene	ug/L	50	R	5	UJ	50	R
o-Xylene	ug/L	50	R	5	UJ	50	R
Xylenes, Total	ug/L	50	R	5	UJ	50	R
Styrene	ug/L	50	R	5	UJ	50	R
Bromoform	ug/L	50	R	5	UJ	50	R
1,1,2,2-Tetrachloroethane	ug/L	50	R	5	UJ	50	R
1,3-Dichlorobenzene	ug/L	50	R	5	UJ	50	R
1,4-Dichlorobenzene	ug/L	50	R	5	UJ	50	R
1,2-Dichlorobenzene	ug/L	50	R	5	UJ	50	R
1,2,4-Trichlorobenzene	ug/L	50	R	5	UJ	50	R
1,2,3-Trichlorobenzene	ug/L	50	R	5	UJ	50	R

	StationID	A039GP125		A039GP125		A039GP125	
	SampleID	039GP125-I		039GP125D1		039GP125D2	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/20/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	UJ
Chlorobenzene	ug/L	5	U	5	U	5	UJ
Ethylbenzene	ug/L	5	U	5	U	5	UJ
m+p Xylene	ug/L	5	U	5	U	5	UJ
o-Xylene	ug/L	5	U	5	U	5	UJ
Xylenes, Total	ug/L	5	U	5	U	5	UJ
Styrene	ug/L	5	U	5	U	5	UJ
Bromoform	ug/L	5	U	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	UJ

	StationID	A039GP125		A039GP125		A039GP125	
	SampleID	039GP125D2DL		039GP125D3		039GP125D3DL	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	25	R	5	UJ	50	R
Chlorobenzene	ug/L	25	R	5	UJ	50	R
Ethylbenzene	ug/L	25	R	5	UJ	50	R
m+p Xylene	ug/L	25	R	5	UJ	50	R
o-Xylene	ug/L	25	R	5	UJ	50	R
Xylenes, Total	ug/L	25	R	5	UJ	50	R
Styrene	ug/L	25	R	5	UJ	50	R
Bromoform	ug/L	25	R	5	UJ	50	R
1,1,2,2-Tetrachloroethane	ug/L	25	R	5	UJ	50	R
1,3-Dichlorobenzene	ug/L	25	R	5	UJ	50	R
1,4-Dichlorobenzene	ug/L	25	R	5	UJ	50	R
1,2-Dichlorobenzene	ug/L	25	R	5	UJ	50	R
1,2,4-Trichlorobenzene	ug/L	25	R	5	UJ	50	R
1,2,3-Trichlorobenzene	ug/L	25	R	5	UJ	50	R

	StationID	A039GP126		A039GP126		A039GP126	
	SampleID	039GP126-I		039GP126D1		039GP126D2	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/20/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	UJ
Chlorobenzene	ug/L	5	U	5	U	5	UJ
Ethylbenzene	ug/L	5	U	5	U	5	UJ
m+p Xylene	ug/L	5	U	5	U	5	UJ
o-Xylene	ug/L	5	U	5	U	5	UJ
Xylenes, Total	ug/L	5	U	5	U	5	UJ
Styrene	ug/L	5	U	5	U	5	UJ
Bromoform	ug/L	5	U	5	U	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	UJ
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	UJ

	StationID	A039GP126		A039GP126		A039GP126	
	SampleID	039GP126D2DL		039GP126D3		039GP126D3DL	
	DateCollected	10/15/2003		10/15/2003		10/15/2003	
	DateExtracted	10/21/2003		10/20/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/20/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	25	R	5	UJ	25	R
Chlorobenzene	ug/L	25	R	5	UJ	25	R
Ethylbenzene	ug/L	25	R	5	UJ	25	R
m+p Xylene	ug/L	25	R	5	UJ	25	R
o-Xylene	ug/L	25	R	5	UJ	25	R
Xylenes, Total	ug/L	25	R	5	UJ	25	R
Styrene	ug/L	25	R	5	UJ	25	R
Bromoform	ug/L	25	R	5	UJ	25	R
1,1,2,2-Tetrachloroethane	ug/L	25	R	5	UJ	25	R
1,3-Dichlorobenzene	ug/L	25	R	5	UJ	25	R
1,4-Dichlorobenzene	ug/L	25	R	5	UJ	25	R
1,2-Dichlorobenzene	ug/L	25	R	5	UJ	25	R
1,2,4-Trichlorobenzene	ug/L	25	R	5	UJ	25	R
1,2,3-Trichlorobenzene	ug/L	25	R	5	UJ	25	R

	StationID	A039GP127		A039GP127		A039GP127	
	SampleID	039GP127-I		039GP127D1		039GP127D2	
	DateCollected	10/15/2003		10/15/2003		10/16/2003	
	DateExtracted	10/21/2003		10/21/2003		10/21/2003	
	DateAnalyzed	10/21/2003		10/21/2003		10/21/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP127		A039GP127		A039GP127	
	SampleID	039GP127D2DL		039GP127D3		039GP127D3DL	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/22/2003		10/21/2003		10/22/2003	
	DateAnalyzed	10/22/2003		10/21/2003		10/22/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	5	U	50	R
Chlorobenzene	ug/L	50	R	5	U	50	R
Ethylbenzene	ug/L	50	R	5	U	50	R
m+p Xylene	ug/L	50	R	5	U	50	R
o-Xylene	ug/L	50	R	5	U	50	R
Xylenes, Total	ug/L	50	R	5	U	50	R
Styrene	ug/L	50	R	5	U	50	R
Bromoform	ug/L	50	R	5	U	50	R
1,1,2,2-Tetrachloroethane	ug/L	50	R	5	U	50	R
1,3-Dichlorobenzene	ug/L	50	R	5	U	50	R
1,4-Dichlorobenzene	ug/L	50	R	5	U	50	R
1,2-Dichlorobenzene	ug/L	50	R	5	U	50	R
1,2,4-Trichlorobenzene	ug/L	50	R	5	U	50	R
1,2,3-Trichlorobenzene	ug/L	50	R	5	U	50	R

	StationID	A039GP128		A039GP128		A039GP128	
	SampleID	039GP128-I		039GP128D1		039GP128D1DL	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/22/2003		10/21/2003		10/22/2003	
	DateAnalyzed	10/22/2003		10/21/2003		10/22/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	25	R
Chlorobenzene	ug/L	5	U	5	U	25	R
Ethylbenzene	ug/L	5	U	5	U	25	R
m+p Xylene	ug/L	5	U	5	U	25	R
o-Xylene	ug/L	5	U	5	U	25	R
Xylenes, Total	ug/L	5	U	5	U	25	R
Styrene	ug/L	5	U	5	U	25	R
Bromoform	ug/L	5	U	5	U	25	R
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	25	R
1,3-Dichlorobenzene	ug/L	5	U	5	U	25	R
1,4-Dichlorobenzene	ug/L	5	U	5	U	25	R
1,2-Dichlorobenzene	ug/L	5	U	5	U	25	R
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	25	R
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	25	R

	StationID	A039GP128		A039GP128		A039GP128	
	SampleID	039GP128D2		039GP128D2DL		039GP128D3	
	DateCollected	10/16/2003		10/16/2003		10/16/2003	
	DateExtracted	10/20/2003		10/21/2003		10/20/2003	
	DateAnalyzed	10/20/2003		10/21/2003		10/20/2003	
	SDGNumber	100207		100207		100207	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	UJ	50	R	5	UJ
Chlorobenzene	ug/L	5	UJ	50	R	5	UJ
Ethylbenzene	ug/L	5	UJ	50	R	5	UJ
m+p Xylene	ug/L	5	UJ	50	R	5	UJ
o-Xylene	ug/L	5	UJ	50	R	5	UJ
Xylenes, Total	ug/L	5	UJ	50	R	5	UJ
Styrene	ug/L	5	UJ	50	R	5	UJ
Bromoform	ug/L	5	UJ	50	R	5	UJ
1,1,2,2-Tetrachloroethane	ug/L	5	UJ	50	R	5	UJ
1,3-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,4-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2-Dichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2,4-Trichlorobenzene	ug/L	5	UJ	50	R	5	UJ
1,2,3-Trichlorobenzene	ug/L	5	UJ	50	R	5	UJ

	StationID	A039GP128		A039GP129		A039GP129	
	SampleID	039GP128D3DL		039GP12928		039GP12938	
	DateCollected	10/16/2003		11/04/2003		11/04/2003	
	DateExtracted	10/21/2003		11/17/2003		11/18/2003	
	DateAnalyzed	10/21/2003		11/17/2003		11/18/2003	
	SDGNumber	100207		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	50	R	5	U	5	U
Chlorobenzene	ug/L	50	R	5	U	5	U
Ethylbenzene	ug/L	50	R	5	U	5	U
m+p Xylene	ug/L	50	R	5	U	5	U
o-Xylene	ug/L	50	R	5	U	5	U
Xylenes, Total	ug/L	50	R	5	U	5	U
Styrene	ug/L	50	R	5	U	5	U
Bromoform	ug/L	50	R	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	50	R	5	U	5	U
1,3-Dichlorobenzene	ug/L	50	R	5	U	5	U
1,4-Dichlorobenzene	ug/L	50	R	5	U	5	U
1,2-Dichlorobenzene	ug/L	50	R	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	50	R	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	50	R	5	U	5	U

	StationID	A039GP129		A039GP129		A039GP129	
	SampleID	039GP12942		039GP12942DL		039GP12946	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/18/2003		11/18/2003		11/17/2003	
	DateAnalyzed	11/18/2003		11/18/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	25	R	5	U
Chlorobenzene	ug/L	5	U	25	R	5	U
Ethylbenzene	ug/L	5	U	25	R	5	U
m+p Xylene	ug/L	5	U	25	R	5	U
o-Xylene	ug/L	5	U	25	R	5	U
Xylenes, Total	ug/L	5	U	25	R	5	U
Styrene	ug/L	5	U	25	R	5	U
Bromoform	ug/L	5	U	25	R	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	25	R	5	U
1,3-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,4-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,2-Dichlorobenzene	ug/L	5	U	25	R	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	25	R	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	25	R	5	U

	StationID	A039GP129		A039GP130		A039GP130	
	SampleID	039GP12946DL		039GP13028		039GP13038	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/18/2003		11/18/2003		11/17/2003	
	DateAnalyzed	11/18/2003		11/18/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	25	R	5	U	5	U
Chlorobenzene	ug/L	25	R	5	U	5	U
Ethylbenzene	ug/L	25	R	5	U	5	U
m+p Xylene	ug/L	25	R	5	U	5	U
o-Xylene	ug/L	25	R	5	U	5	U
Xylenes, Total	ug/L	25	R	5	U	5	U
Styrene	ug/L	25	R	5	U	5	U
Bromoform	ug/L	25	R	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	25	R	5	U	5	U
1,3-Dichlorobenzene	ug/L	25	R	5	U	5	U
1,4-Dichlorobenzene	ug/L	25	R	5	U	5	U
1,2-Dichlorobenzene	ug/L	25	R	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	25	R	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	25	R	5	U	5	U

	StationID	A039GP130		A039GP130		A039GP131	
	SampleID	039GP13042		039GP13046		039GP13128	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP131		A039GP131		A039GP131	
	SampleID	039GP13138		039GP13142		039GP13146	
	DateCollected	11/04/2003		11/04/2003		11/04/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP132		A039GP132		A039GP132	
	SampleID	039GP13228		039GP13238		039GP13242	
	DateCollected	11/05/2003		11/05/2003		11/05/2003	
	DateExtracted	11/17/2003		11/17/2003		11/17/2003	
	DateAnalyzed	11/17/2003		11/17/2003		11/17/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	5	U	5	U	5	U
Chlorobenzene	ug/L	5	U	5	U	5	U
Ethylbenzene	ug/L	5	U	5	U	5	U
m+p Xylene	ug/L	5	U	5	U	5	U
o-Xylene	ug/L	5	U	5	U	5	U
Xylenes, Total	ug/L	5	U	5	U	5	U
Styrene	ug/L	5	U	5	U	5	U
Bromoform	ug/L	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	5	U	5	U	5	U
1,3-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,4-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2-Dichlorobenzene	ug/L	5	U	5	U	5	U
1,2,4-Trichlorobenzene	ug/L	5	U	5	U	5	U
1,2,3-Trichlorobenzene	ug/L	5	U	5	U	5	U

	StationID	A039GP132		A039GP132		A039GP132	
	SampleID	039GP13242DL		039GP13246		039GP13246DL	
	DateCollected	11/05/2003		11/05/2003		11/05/2003	
	DateExtracted	11/18/2003		11/17/2003		11/18/2003	
	DateAnalyzed	11/18/2003		11/17/2003		11/18/2003	
	SDGNumber	101335		101335		101335	
Parameter	**Units**						
Dibromochloromethane	ug/L	25	R	5	U	25	R
Chlorobenzene	ug/L	25	R	5	U	25	R
Ethylbenzene	ug/L	25	R	5	U	25	R
m+p Xylene	ug/L	25	R	5	U	25	R
o-Xylene	ug/L	25	R	5	U	25	R
Xylenes, Total	ug/L	25	R	5	U	25	R
Styrene	ug/L	25	R	5	U	25	R
Bromoform	ug/L	25	R	5	U	25	R
1,1,2,2-Tetrachloroethane	ug/L	25	R	5	U	25	R
1,3-Dichlorobenzene	ug/L	25	R	5	U	25	R
1,4-Dichlorobenzene	ug/L	25	R	5	U	25	R
1,2-Dichlorobenzene	ug/L	25	R	5	U	25	R
1,2,4-Trichlorobenzene	ug/L	25	R	5	U	25	R
1,2,3-Trichlorobenzene	ug/L	25	R	5	U	25	R

Appendix C

Data Validation Summary - Charleston Naval Complex - Zone A, SWMU 39

TO: Casey Hudson/CH2M HILL/ORL

FROM: Dan Lucas/CH2M HILL/GNV
Herb Kelly/CH2M HILL/GNV

DATE: October 14, 2004

The purpose of this memorandum is to present the results of the data validation process for the samples collected in Zone A, SWMU 39. The samples were collected between the dates of September 30 and November 5, 2003.

The specific samples and analytical fractions reviewed are summarized below in Table 1.

The Quality Control areas that were reviewed and the resulting findings are documented within each subsection that follows. This data was validated for compliance with the analytical method requirements. This process also included a review of the data to assess the accuracy, precision, and completeness based upon procedures described in the guidance documents such as the Environmental Protection Agency *National Functional Guidelines for Organic Data Review (EPA 1999)*. Quality assurance/quality control (QA/QC) summary forms and data reports were reviewed.

Samples were submitted to General Engineering Laboratories, Inc., in Charleston, South Carolina, for the following analyses: SW-846 8260 Volatile Organic Compounds (VOC).

Sample results that were not within the acceptance limits were appended with a qualifying flag, which consisted of a single- or double-letter code that indicated a possible problem with the data. The qualifying flags originated during the data review and validation processes. These also include the secondary, or the two-digit "sub-qualifier" flags. The secondary qualifiers provide the reasoning behind the assignment of a qualifier flag to the data. The secondary qualifiers are presented and defined below.

Attachment A lists the changes in data qualifiers, due to the validation process.

The following primary flags were used to qualify the data:

[=] Detected. The analyte was analyzed for and detected at the concentration shown.

[J] Estimated. The analyte was present but the reported value may not be accurate or precise.

[U] Undetected. The analyte was analyzed for but not detected above the method detection limit.

[UJ] Detection limit estimated. The analyte was analyzed for but qualified as not detected; the result is estimated.

[R] Rejected. The data is not useable.

Secondary Data Validation Qualifiers

Code	Definition
2C	Second Column (Confirmation)
2S	Second Source
BD	Blank Spike/Blank Spike Duplicate (LCS/LCSD) Precision
BL	Blank
BS	Blank Spike/LCS Recovery
CC	Continuing Calibration Verification Accuracy
DL	Dilution
FD	Field Duplicate
HT	Holding Time
IB	In Between (Metals - B's □ J's)
IC	Initial Calibration
IS	Internal Standard Area Response
LD	Lab Duplicate
LR	Linear Range (Exceeded calibration range)
MD	Matrix Spike/Matrix Spike Duplicate Precision
MS	Matrix Spike and/or Matrix Spike Duplicate Recovery
OT	Other
PD	Pesticide Degradation
PS	Post Spike Recovery
RE	Re-extraction
SD	Serial Dilution
SS	Spiked Surrogate Recovery
TD	Dissolved metal concentration exceeds total metal concentration.
TN	Tune

Table 1 - Chemical Analytical Methods – Field and Quality Control Samples

TABLE 1
Chemical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WG	89179	1200501124	039GP115-IMS	MS		A039GP115	09/30/03 09:nn	X
WG	89179	1200501125	039GP115-ISD	SD		A039GP115	09/30/03 09:nn	X
WG	89179	89179001	039GP115-I	N		A039GP115	09/30/03 09:nn	X
WG	89179	89179002	039GP115D1	N		A039GP115	09/30/03 10:nn	X
WG	89179	89179003	039GP115D2	N		A039GP115	09/30/03 11:nn	X
WG	89179	89179004	039GP116-I	N		A039GP116	09/30/03 12:nn	X
WG	89179	89179005	039GP116D1	N		A039GP116	09/30/03 13:nn	X
WG	89179	89179006	039GP116D2	N		A039GP116	09/30/03 14:nn	X
WG	89179	89179007	039GP116D3	N		A039GP116	09/30/03 15:nn	X
	89179	89179007	039GP116D3DL	LR	DL	A039GP116	09/30/03 15:nn	X
WG	89179	89179008	039GP117-I	N		A039GP117	10/01/03 09:nn	X
WG	89179	89179008	039GP117-IDL	LR	DL	A039GP117	10/01/03 09:nn	X
WG	89179	89179009	039HP117-I	FD		A039GP117	10/01/03 09:nn	X
WG	89179	89179009	039HP117-IDL	LR	DL	A039GP117	10/01/03 09:nn	X
WG	89179	89179010	039GP117D1	N		A039GP117	10/01/03 09:nn	X
WG	89179	89179010	039GP117D1DL	LR	DL	A039GP117	10/01/03 09:nn	X
WG	89179	89179011	039GP117D2	N		A039GP117	10/01/03 10:nn	X
WG	89179	89179011	039GP117D2DL	LR	DL	A039GP117	10/01/03 10:nn	X
WG	89179	89179012	039GP117D3	N		A039GP117	10/01/03 11:nn	X
WG	89179	89179012	039GP117D3DL	LR	DL	A039GP117	10/01/03 11:nn	X
WG	89179	89179013	039GP118-I	N		A039GP118	10/01/03 13:nn	X
WG	89179	89179014	039GP118D1	N		A039GP118	10/01/03 13:nn	X
WG	89179	89179014	039GP118D1DL	LR	DL	A039GP118	10/01/03 13:nn	X
WG	89179	89179015	039GP118D2	N		A039GP118	10/01/03 14:nn	X
WG	89179	89179015	039GP118D2DL	LR	DL	A039GP118	10/01/03 14:nn	X
	89179	89179016	039GP118D3	N		A039GP118	10/01/03 14:nn	X

TABLE 1
Chemical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WG	89179	89179016	039GP118D3DL	LR	DL	A039GP118	10/01/03 14:nn	X
WQ	89179	89179017	039EP115N2	EB		FIELDQC	10/01/03 15:nn	X
WQ	89179	89179018	039TP115N2	TB		FIELDQC	10/01/03 15:nn	X
WG	89573	89573004	039GP119-I	N		A039GP119	10/07/03 12:nn	X
WQ	89573	89573005	039HP119-I	FD		A039GP119	10/07/03 12:nn	X
WG	89573	89573006	039GP119D1	N		A039GP119	10/07/03 13:nn	X
WG	89573	89573007	039GP119D2	N		A039GP119	10/07/03 13:nn	X
WG	89573	89573007	039GP119D2DL	LR	DL	A039GP119	10/07/03 13:nn	X
WG	89573	89573008	039GP119D3	N		A039GP119	10/07/03 14:nn	X
WG	89573	1200505155	039GP120-IMS	MS		A039GP120	10/07/03 15:nn	X
WQ	89573	1200505156	039GP120-ISD	SD		A039GP120	10/07/03 15:nn	X
WG	89573	89573003	039GP120-I	N		A039GP120	10/07/03 15:nn	X
WG	89573	89573009	039GP120D1	N		A039GP120	10/07/03 15:nn	X
WG	89573	89573010	039GP120D2	N		A039GP120	10/07/03 16:nn	X
WG	89573	89573010	039GP120D2DL	LR	DL	A039GP120	10/07/03 16:nn	X
WQ	89573	89573001	039EP116N2	EB		FIELDQC	10/08/03 09:nn	X
WQ	89573	89573002	039TP116N2	TB		FIELDQC	10/08/03 09:nn	X
WG	89573	89573011	039GP120D3	N		A039GP120	10/08/03 09:nn	X
WG	89993	89993001	039GP121-I	N		A039GP121	10/09/03 11:nn	X
WG	89993	89993002	039GP121D1	N		A039GP121	10/09/03 11:nn	X
WG	89993	89993003	039GP121D2	N		A039GP121	10/09/03 12:nn	X
WG	89993	89993003	039GP121D2DL	LR	DL	A039GP121	10/09/03 12:nn	X
WG	89993	89993004	039GP121D3	N		A039GP121	10/09/03 12:nn	X
WG	89993	89993004	039GP121D3DL	LR	DL	A039GP121	10/09/03 12:nn	X
WG	89993	89993005	039GP122-I	N		A039GP122	10/10/03 12:nn	X
WG	89993	89993006	039GP122D1	N		A039GP122	10/10/03 12:nn	X
WG	89993	89993007	039GP122D2	N		A039GP122	10/10/03 12:nn	X
WG	89993	89993009	039GP123-I	N		A039GP123	10/14/03 11:nn	X

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emical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WG	89993	89993010	039HP123-I	FD		A039GP123	10/14/03 11:nn	X
WG	89993	89993011	039GP123-D1	N		A039GP123	10/14/03 11:nn	X
WG	89993	89993012	039GP123D2	N		A039GP123	10/14/03 12:nn	X
WG	89993	89993013	039GP123D3	N		A039GP123	10/14/03 12:nn	X
WG	89993	89993008	039GP122D3	N		A039GP122	10/14/03 13:nn	X
WG	89993	89993014	039GP124-I	N		A039GP124	10/14/03 13:nn	X
WG	89993	1200509196	039GP124D1MS	MS		A039GP124	10/14/03 14:nn	X
WG	89993	1200509197	039GP124D1SD	SD		A039GP124	10/14/03 14:nn	X
WG	89993	89993015	039GP124D1	N		A039GP124	10/14/03 14:nn	X
WG	89993	89993016	039GP124D2	N		A039GP124	10/14/03 14:nn	X
WG	89993	89993016	039GP124D2DL	LR	DL	A039GP124	10/14/03 14:nn	X
	89993	89993017	039GP124D3	N		A039GP124	10/14/03 15:nn	X
WG	89993	89993017	039GP124D3DL	LR	DL	A039GP124	10/14/03 15:nn	X
WG	100207	100207003	039EP117N2	EB		FIELDQC	10/14/03 16:nn	X
WG	100207	100207004	039TP117N2	TB		FIELDQC	10/14/03 16:nn	X
WG	89993	89993018	039EP117N2	EB		FIELDQC	10/14/03 16:nn	X
WG	89993	89993019	039TP117N2	TB		FIELDQC	10/14/03 16:nn	X
WG	100207	100207005	039GP125-I	N		A039GP125	10/15/03 08:nn	X
WG	100207	1200511548	039GP125-IMS	MS		A039GP125	10/15/03 08:nn	X
WG	100207	1200511549	039GP125-ISD	SD		A039GP125	10/15/03 08:nn	X
WG	100207	100207006	039GP125D1	N		A039GP125	10/15/03 09:nn	X
WG	100207	100207007	039GP125D2	N		A039GP125	10/15/03 09:nn	X
WG	100207	100207007	039GP125D2DL	LR	DL	A039GP125	10/15/03 09:nn	X
WG	100207	100207008	039GP125D3	N		A039GP125	10/15/03 10:nn	X
WG	100207	100207008	039GP125D3DL	LR	DL	A039GP125	10/15/03 10:nn	X
WG	100207	100207009	039GP126-I	N		A039GP126	10/15/03 11:nn	X
WG	100207	100207010	039GP126D1	N		A039GP126	10/15/03 12:nn	X
	100207	100207011	039GP126D2	N		A039GP126	10/15/03 12:nn	X

TABLE 1
Chemical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WG	100207	100207011	039GP126D2DL	LR	DL	A039GP126	10/15/03 12:nn	X
WG	100207	100207012	039GP126D3	N		A039GP126	10/15/03 13:nn	X
WG	100207	100207012	039GP126D3DL	LR	DL	A039GP126	10/15/03 13:nn	X
WG	100207	100207013	039GP127-I	N		A039GP127	10/15/03 16:nn	X
WG	100207	100207014	039GP127D1	N		A039GP127	10/15/03 17:nn	X
WG	100207	100207015	039GP127D2	N		A039GP127	10/16/03 07:nn	X
WG	100207	100207015	039GP127D2DL	LR	DL	A039GP127	10/16/03 07:nn	X
WG	100207	100207016	039GP127D3	N		A039GP127	10/16/03 07:nn	X
WG	100207	100207016	039GP127D3DL	LR	DL	A039GP127	10/16/03 07:nn	X
WG	100207	100207017	039GP128-I	N		A039GP128	10/16/03 08:nn	X
WG	100207	100207018	039HP128-I	FD		A039GP128	10/16/03 08:nn	X
WG	100207	100207019	039GP128D1	N		A039GP128	10/16/03 09:nn	X
WG	100207	100207019	039GP128D1DL	LR	DL	A039GP128	10/16/03 09:nn	X
WG	100207	100207001	039GP128D2	N		A039GP128	10/16/03 09:nn	X
WG	100207	100207001	039GP128D2DL	LR	DL	A039GP128	10/16/03 09:nn	X
WG	100207	100207002	039GP128D3	N		A039GP128	10/16/03 10:nn	X
WG	100207	100207002	039GP128D3DL	LR	DL	A039GP128	10/16/03 10:nn	X
WG	101335	101335001	039GP12928	N		A039GP129	11/04/03 08:nn	X
WG	101335	101335002	039GP12938	N		A039GP129	11/04/03 08:nn	X
WG	101335	101335003	039GP12942	N		A039GP129	11/04/03 08:nn	X
WG	101335	101335003	039GP12942DL	LR	DL	A039GP129	11/04/03 08:nn	X
WG	101335	101335004	039GP12946	N		A039GP129	11/04/03 09:nn	X
WG	101335	101335004	039GP12946DL	LR	DL	A039GP129	11/04/03 09:nn	X
WG	101335	101335005	039GP13028	N		A039GP130	11/04/03 10:nn	X
WG	101335	101335006	039GP13038	N		A039GP130	11/04/03 10:nn	X
WG	101335	101335007	039GP13042	N		A039GP130	11/04/03 11:nn	X
WG	101335	101335008	039GP13046	N		A039GP130	11/04/03 11:nn	X
WG	101335	101335009	039GP13128	N		A039GP131	11/04/03 13:nn	X

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mical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WG	101335	101335010	039GP13138	N		A039GP131	11/04/03 13:nn	X
WG	101335	101335011	039HP131-D1	FD		A039GP131	11/04/03 13:nn	X
WG	101335	101335012	039GP13142	N		A039GP131	11/04/03 14:nn	X
WG	101335	101335013	039GP13146	N		A039GP131	11/04/03 14:nn	X
WG	101335	101335014	039GP13228	N		A039GP132	11/05/03 08:nn	X
WG	101335	101335015	039GP13238	N		A039GP132	11/05/03 08:nn	X
WG	101335	101335016	039GP13242	N		A039GP132	11/05/03 09:nn	X
WG	101335	101335016	039GP13242DL	LR	DL	A039GP132	11/05/03 09:nn	X
WG	101335	101335017	039GP13246	N		A039GP132	11/05/03 09:nn	X
WG	101335	101335017	039GP13246DL	LR	DL	A039GP132	11/05/03 09:nn	X
WG	101335	1200527067	039GP13246MS	MS	DL	A039GP132	11/05/03 09:nn	X
	101335	1200527068	039GP13246SD	SD		A039GP132	11/05/03 09:nn	X
WG	101335	101335018	039EP129N4	EB		FIELDQC	11/05/03 10:nn	X
WG	101335	101335019	039TP129N4	TB		FIELDQC	11/05/03 16:nn	X
WG	100207	1200511544	1200511544	LB		LABQC		X
WG	100207	1200511545	1200511545	BS		LABQC		X
WG	100207	1200511546	1200511546	LB		LABQC		X
WG	100207	1200511547	1200511547	BS		LABQC		X
WG	100207	1200513130	1200513130	LB		LABQC		X
WG	100207	1200513131	1200513131	BS		LABQC		X
WG	101335	1200527061	1200527061	LB		LABQC		X
WG	101335	1200527062	1200527062	BS		LABQC		X
WG	101335	1200528168	1200528168	LB		LABQC		X
WG	101335	1200528169	1200528169	BS		LABQC		X
WQ	89179	1200501123	1200501123	LB		LABQC		X
WQ	89179	1200501126	1200501126	BS		LABQC		X
WQ	89179	1200501706	1200501706	LB		LABQC		X
	89179	1200501707	1200501707	BS		LABQC		X

TABLE 1
Chemical Analytical Methods – Field and Quality Control Samples
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

WQ	89573	1200505153	1200505153	LB		LABQC		X
WQ	89573	1200505154	1200505154	BS		LABQC		X
WQ	89573	1200505732	1200505732	LB		LABQC		X
WQ	89573	1200505733	1200505733	BS		LABQC		X
WG	89993	1200509194	1200509194	LB		LABQC		X
WG	89993	1200509195	1200509195	BS		LABQC		X
WG	89993	1200510521	1200510521	LB		LABQC		X
WG	89993	1200510522	1200510522	BS		LABQC		X

MATRIX CODE

WG – Groundwater
WQ – Water QC Sample

SAMPLE TYPE CODE

BS - Blank Spike
EB - Equipment Blank
TB – Trip Blank
FB – Ambient Field Blank
FD - Field Duplicate
N - Native Sample
LB - Laboratory Blank
LR – Laboratory Replicate
MS – Matrix Spike
SD – Matrix Spike Duplicate

LR TYPE CODE

DL – Dilution

ANALYSIS CODE

VOC - Volatile Organic Compounds

Organic Parameters

Quality Control Review

The following list represents the QA/QC measures that were reviewed during the data quality evaluation procedure for organic data.

- **Holding Times** – The holding times are evaluated to verify that samples were extracted and analyzed within holding times.
- **Blank samples** – Method blanks, equipment blanks, and trip blanks were provided for this project. Blank samples enable the reviewer to determine if an analyte may be attributed to sampling or laboratory procedures, rather than environmental contamination from site activities.
- **Surrogate Recoveries** – Surrogate Compounds are added to each sample and the recoveries are used to monitor lab performance and possible matrix interference.
- **Lab Control Sample (LCS)** – This sample is a "controlled matrix", either laboratory reagent water or Ottawa sand, in which target compounds have been added prior to extraction/analysis. The recoveries serve as a monitor of the overall performance of each step during the analysis, including sample preparation.
- **Matrix Spike/Matrix Spike Duplicate (MS/MSD) Samples** – Spike recovery is used to evaluate potential matrix interferences, as well as accuracy. Precision information is also determined by calculating the reproducibility between the recoveries of each spiked parameter.
- **Field Duplicate Samples** – These samples are collected to determine precision between a native and its duplicate. This information can only be determined when target compounds are detected.
- **GC/MS Tuning** – The mass spectrum of the tuning compound is evaluated for method compliance. The criteria are established to verify the proper mass assignment and mass resolution.
- **Initial Calibration** – The initial calibration ensures that the instrument is capable of producing acceptable qualitative and quantitative data for the compounds of interest.
- **Continuing Calibration** – The continuing calibration checks satisfactory performance of the instrument and its predicted response to the target compounds.
- **Internal Standards** – The internal standards (retention time and response) are evaluated for method compliance. The internal standards are used in quantitation of the target parameters and monitor the instrument sensitivity and response for stability during each analysis.

Volatile Organic Compounds (VOC) Analyses

The QA/QC parameters for VOC analyses for all of the samples were within acceptable control limits, except as noted below:

Blanks

The VOC target parameters detected in blank samples are listed in Table 2.

TABLE 2
Blank Contamination: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

89179	039EP115N2	89179017	EB	1,1-Dichloroethylene	0.69	µg/L	3.45 µg/L
89179	039EP115N2	89179017	EB	Ethylbenzene	0.26	µg/L	1.3 µg/L
89179	039EP115N2	89179017	EB	o-Xylene	0.99	µg/L	4.95 µg/L
89179	039EP115N2	89179017	EB	m,p-Xylene	1.0	µg/L	5.0 µg/L
89179	039EP115N2	89179017	EB	Xylene (total)	2.0	µg/L	10.0 µg/L
89179	039TP115N2	89179018	TB	1,1-Dichloroethylene	0.54	µg/L	2.7 µg/L
89179	039TP115N2	89179018	TB	Ethylbenzene	0.24	µg/L	1.2 µg/L
89179	039TP115N2	89179018	TB	o-Xylene	1.0	µg/L	5.0 µg/L
89179	039TP115N2	89179018	TB	m,p-Xylene	0.88	µg/L	4.4 µg/L
89179	039TP115N2	89179018	TB	Xylene (total)	1.9	µg/L	9.5 µg/L
101335	039EP129N4	101335018	EB	1,1-Dichloroethylene	1.2	µg/L	6.0 µg/L
101335	039EP129N4	101335018	EB	Acetone	4.9	µg/L	49.0 µg/L
101335	039TP129N4	101335019	TB	1,1-Dichloroethylene	1.3	µg/L	6.5 µg/L
101335	039TP129N4	101335019	TB	Acetone	7.3	µg/L	73.0 µg/L
101335	039TP129N4	101335019	TB	Carbon Disulfide	4.3	µg/L	21.5 µg/L
101335	039TP129N4	101335019	TB	Bromoform	0.68	µg/L	3.4 µg/L

If a target parameter determined to be a common contaminant was reported in a field sample, and the concentration was below the level determined to be due to blank contamination, the following actions were taken:

- If the concentration was above the reporting limit, the numeric result was unchanged, but it was flagged "U", as undetected.
- If the concentration was below the reporting limit, the numeric result was changed to the value of the reporting limit, and it was flagged "U", as undetected.

The results qualified due to blank contamination are listed in [redacted] with a validation note of "BL".

Recoveries - Surrogate, MS/MSD and LCS

All Surrogate, Matrix Spike (MS), Matrix Spike Duplicate (MSD), and Laboratory Control Sample (LCS) recoveries were within acceptable quality control limits, except as noted in [redacted] below.

The results qualified due to recoveries out of control limits are listed in Attachment 1 with validation notes of "SS", "MS", or "BS" as applicable.

TABLE 3
Surrogate, MS/MSD, and LCS Recoveries Out of QC Limits: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

89573	039GP119-I	Toluene-d8	85*	88-110	039GP119-I	Detects – J; non-detects – UJ
89573	039HP119-I	Toluene-d8	86*	88-110	039HP119-I	Detects – J; non-detects – UJ
89573	039GP120D2DL	Toluene-d8	87*	88-110	039GP120D2DL	Detects – J; non-detects – UJ
89993	039GP121-I	Toluene-d8	86*	88-110	039GP121-I	Detects – J; non-detects – UJ
89993	039GP121D2	Toluene-d8	87*	88-110	039GP121D2	Detects – J; non-detects – UJ
89993	039GP121D3	Toluene-d8	88*	88-110	039GP121D3	Detects – J; non-detects – UJ
89993	039GP122D1	Toluene-d8	87*	88-110	039GP122D1	Detects – J; non-detects – UJ
89993	039GP123-I	Toluene-d8	87*	88-110	039GP123-I	Detects – J; non-detects – UJ

TABLE 3
Surrogate, MS/MSD, and LCS Recoveries Out of QC Limits: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

89993	039HP123-I I	Toluene-d8	86*	88-110	039HP123-I I	Detects – J; non-detects – UJ
89993	039GP123-D1	Toluene-d8	87*	88-110	039GP123-D1	Detects – J; non-detects – UJ
89993	039GP123-D3	Toluene-d8	87*	88-110	039GP123-D3	Detects – J; non-detects – UJ
89993	039GP124-I	Toluene-d8	86*	88-110	039GP124-I	Detects – J; non-detects – UJ
89993	039GP124D2	Toluene-d8	86*	88-110	039GP124D2	Detects – J; non-detects – UJ
100207	039GP128D2	Toluene-d8	87*	88-110	039GP128D2	Detects – J; non-detects – UJ
100207	039GP128D3	Toluene-d8	87*	88-110	039GP128D3	Detects – J; non-detects – UJ
100207	039GP125D2	Toluene-d8	86*	88-110	039GP125D2	Detects – J; non-detects – UJ
100207	039GP125D3	Toluene-d8	86*	88-110	039GP125D3	Detects – J; non-detects – UJ
100207	039GP126D2	Toluene-d8	87*	88-110	039GP126D2	Detects – J; non-detects – UJ
100207	039GP126D3	Toluene-d8	87*	88-110	039GP126D3	Detects – J; non-detects – UJ
100207	039GP127D2	Toluene-d8	112*	88-110	039GP127D2	Detects – J
		Bromofluorobenzene	116*	86-115		
100207	039GP128D2DL	Toluene-d8	87*	88-110	039GP128D2DL	Detects – J; non-detects – UJ
100207	039GP128D3DL	Toluene-d8	87*	88-110	039GP128D3DL	Detects – J; non-detects – UJ

TABLE 3
Surrogate, MS/MSD, and LCS Recoveries Out of QC Limits: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

89179	039GP115-I MS/MSD	2-Chloroethyl vinyl ether	0* / 0*	70-130	039GP115-I	Detects – J; non-detects – R
89179	1200501126 LCS	Acetone	154.4*	70-130	039GP115-I, 039GP115D1, 039GP115D1, 039GP116-I, 039GP116D1, 039GP116D2, 039GP116D3, 039GP117-I, 039HP117-I, 039GP117D1, 039GP117D2, 039GP117D3, 039GP119D1, 039GP118D2, 039GP118D3	Detects – J
		2-Chloroethyl-vinyl-ether	139.6*	70-130		
89179	1200501707 LCS	Acetone	143.2*	70-130	039GP118-I, 039GP116D3DL, 039GP117-IDL, 039HP117-IDL, 039GP117D1DL, 039GP117D2DL, 039GP117D3DL, 039GP119D1DL, 039GP118D2DL, 039GP118D3DL	Detects – J
		2-Chloroethyl-vinyl-ether	146.0*	70-130		
89573	039GP120-I MS/MSD	Bromomethane	69.6* / 67.8*	70-130	039GP120-I	Detects – J; non-detects – UJ
		Acetone	69.6* / 72.8	70-130		
		2-Chloroethyl vinyl ether	0* / 0*	70-130		2-CLEVE non-detects – R
89993	039GP124D1 MS/MSD	Vinyl Acetate	63.6* / 61.2*	70-130	039GP124D1	Detects – J; non-detects – UJ
		2-Chloroethyl-vinyl-ether	0* / 0*	70-130		2-CLEVE non-detects – R
100207	039GP125-I MS/MSD	2-Chloroethyl-vinyl-ether	0* / 0*	70-130	039GP125-I	Detects – J; non-detects – R
101335	039GP132-D3 MS/MSD	2-Chloroethyl-vinyl-ether	0* / 0*	70-130	039GP132-D3	Detects – J; non-detects – R

TABLE 3
Surrogate, MS/MSD, and LCS Recoveries Out of QC Limits: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

* - out of control limits

Initial and Continuing Calibration Criteria

All initial calibration criteria and continuing calibration criteria were met, except as listed in [redacted].

TABLE 4
Exceptions to Continuing Calibration Criteria: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

VOA1-ICAL-09/26/03, 0116	Chloromethane	R^2=0.983	89179 – ALL,
	2-Chloroethyl-vinyl-ether	0.019 RRF	100207 - ALL
VOA1-CCAL-10/03/03, 0946	2-Chloroethyl-vinyl-ether	46.0% high 0.029 RF	89179001 thru 89179012, 89179014 thru 89179016, and 89179018
VOA1-CCAL-10/04/03, 0944	Chloromethane	24.3% high	89179013, 89179017, 89179007DL thru 89179012DL, and 89179014 thru 89179016
	Bromomethane	20.2% high	
	Chloroethane	25.6% high	
	Vinyl Acetate	26.8% high	
	1,1,1-Trichloroethane	21.7% high	
	Carbon Tetrachloride	29.0% high	
	2-Chloroethyl-vinyl-ether	88.5% high 0.037 RF	
	m,p-Xylene	20.6% high	
	Styrene	24.0% high	
VOA9-CCAL-10/09/03, 1744	Bromomethane	22.4% low	89573001 thru 89573008, 89573011, and 89573007DL thru 89573010DL
	Acetone	21.3% low	
VOA9-CCAL-10/10/04, 0852	Bromomethane	23.0% low	89573009 and 89573010

TABLE 4
Exceptions to Continuing Calibration Criteria: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

	Acetone	23.4% high	
	Methylene Chloride	20.1% low	
VOA9-CCAL-10/16/03, 0910	Bromomethane	24.3% low	89993001 thru 89993004, 89993006 thru 89993017, and 89993019
	Carbon Tetrachloride	20.3% high	
VOA9-CCAL-10/17/03, 0822	Chloromethane	22.5% low	89993005, 89993018, 89993003DL, 89993004DL, 89993016DL, and 89993017DL
	Bromomethane	23.5% low	
	Methylene Chloride	21.5% low	
	Vinyl Acetate	24.3% low	
VOA9-CCAL-10/20/03, 0944	Chloromethane	25.3% low	100207001, 100207002, 100207006, 100207007, 100207008, 100207010, 1002070011, and 1002070012
	Bromomethane	24.6% low	
	Methylene Chloride	21.0% low	
	Vinyl Acetate	20.9% low	
VOA1-CCAL-10/21/03, 1004	Carbon Tetrachloride	30.4% high	100207003 thru 100207005, 100207009, 100207013 thru 100207016, 100207019, 100207001DL, 100207002DL, 100207007DL, 100207008DL, 100207011DL, and 100207012DL
	1-Chloroethyl-vinyl-ether	154.0% high	
VOA1-CCAL-10/22/03, 0906	Acetone	25.8% high	100207017, 100207018, 100207015DL, 100207016DL, and 100207019DL
	Carbon Tetrachloride	33.7% high	
	2-Chloroethyl-vinyl-ether	161.0% high	
	Styrene	20.7 % high	
VOA9-CCAL-11/17/03, 0940	Acetone	41.7% high	101335001, 101335004, and 101335006 thru 101335017
	Methylene Chloride	26.9% low	
	2-Hexanone	25.0% high	
VOA9-CCAL-11/17/03, 0940	2-Chloroethyl-vinyl-ether	33.5% low	101335002, 101335003, 101335005, 101335018, 101335019, 101335003DL, 10133504DL, 101335016DL, and 101335017DL
	2-Hexanone	22.5% high	

TABLE 4
Exceptions to Continuing Calibration Criteria: VOC
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

	Styrene	20.2% high	

Flags were applied to the compounds in the associated samples in the following manner:

- When the percent Relative Standard Deviation (%RSD), correlation coefficient (R^2), or Relative Response Factor (RRF) was out in the initial calibration, all associated samples were qualified. Detected compounds were flagged "J" and non-detected compounds were flagged "UJ", as estimated.
- When the percent difference (%D) was high in the continuing calibration standards, detected compounds were flagged "J", as estimated. Non-detected compounds were not flagged.
- When the percent difference (%D) or response factor (RF) was low in the continuing calibration standards, detected compounds were flagged "J" and non-detected compounds were flagged "UJ", as estimated.

The results qualified due to calibration criteria are listed in [redacted] with validation notes of "IC" or "CC", as applicable.

Dilutions

If a sample was analyzed more than one time due to a target parameter concentration above the calibration range, the results for all parameters from the lowest dilution were used, except for those parameters exceeding the calibration range. The results for compounds exceeding linear range of the calibration in the original analysis were qualified "R", with validation notes of "LR". The results for those parameters exceeding the calibration range in the initial analysis, were then reported from the diluted analysis. The results of the parameters that were not used from the diluted analyses were qualified "R", with validation notes of "DL".

In order to minimize the pages in [redacted], the results qualified due to dilutions and linear range exceedances only, were not listed.

Rejected Data

The majority of rejected data were associated with re-runs and dilutions (there can only be a single valid result per parameter per sample). However, there were selected results for 2-chloroethyl vinyl ether qualified as "R", rejected, due to low matrix spike recoveries, such that there is not a valid result for that parameter in each sample. 2-Chloroehtyl vinyl ether is known to be reactive under acidic conditions. The rejected data are summarized in [redacted] below.

TABLE 5
Data Qualification Summary: Rejected Data
Charleston Naval Complex, Zone A, SWMU 39, Charleston, SC

SDG	Sample ID	Parameter Class	Parameter	Lab Result	Lab Qual	Final Result	Final Qual	Units	Reason
89179	039GP115-I	VOA	2-Chloroethyl-vinyl-ether	10.0	U	10.0	R	µg/L	MS
89573	039GP120-I	VOA	2-Chloroethyl-vinyl-ether	10.0	U	10.0	R	µg/L	MS
89993	039GP124D1	VOA	2-Chloroethyl-vinyl-ether	10.0	U	10.0	R	µg/L	MS
100207	039GP125-I	VOA	2-Chloroethyl-vinyl-ether	10.0	U	10.0	R	µg/L	MS
101335	039GP132D3	VOA	2-Chloroethyl-vinyl-ether	10.0	U	10.0	R	µg/L	MS

Conclusion

A review of the analytical data submitted regarding the investigation of Zone A, SWMU 39 at the Charleston Naval Complex, Charleston, South Carolina by CH2M HILL has been completed. An overall evaluation of the data indicates that the sample handling, shipment, and analytical procedures have been adequately completed, and that the analytical results should be considered usable as qualified.

As discussed above, there were specific results that were rejected, in which the data cannot be used. With the exception of these results, the validation review demonstrated that the analytical systems were generally in control and the data can be used in the decision making process.

WG	VOA	101335	101335001	039GP12928	N		SW8260B	METHOD	ACETONE	4	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335002	039GP12938	N		SW8260B	METHOD	1,1-DICHLOROETHENE	0.48	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335002	039GP12938	N		SW8260B	METHOD	ACETONE	3.2	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335003	039GP12942	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5.8	=	5.8	U	0.41	5 ug/L	BL
WG	VOA	101335	101335003	039GP12942	N		SW8260B	METHOD	ACETONE	2.8	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335004	039GP12946	N		SW8260B	METHOD	1,1-DICHLOROETHENE	6.1	=	6.1	U	0.41	5 ug/L	BL
WG	VOA	101335	101335004	039GP12946	N		SW8260B	METHOD	ACETONE	4.4	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335005	039GP13028	N		SW8260B	METHOD	ACETONE	3.4	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335006	039GP13038	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.3	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335006	039GP13038	N		SW8260B	METHOD	ACETONE	3.5	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335007	039GP13042	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.4	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335007	039GP13042	N		SW8260B	METHOD	ACETONE	2.7	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335008	039GP13046	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.7	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335008	039GP13046	N		SW8260B	METHOD	ACETONE	3.6	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335009	039GP13128	N		SW8260B	METHOD	ACETONE	4.7	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335010	039GP13138	N		SW8260B	METHOD	1,1-DICHLOROETHENE	0.68	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335010	039GP13138	N		SW8260B	METHOD	ACETONE	3.9	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335011	039HP131-D1	FD		SW8260B	METHOD	1,1-DICHLOROETHENE	1.1	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335011	039HP131-D1	FD		SW8260B	METHOD	ACETONE	5	J	10	U	2.29	10 ug/	BL
WG	VOA	101335	101335012	039GP13142	N		SW8260B	METHOD	ACETONE	4.1	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335013	039GP13146	N		SW8260B	METHOD	ACETONE	4.5	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335014	039GP13228	N		SW8260B	METHOD	ACETONE	15	=	15	U	2.29	10 ug/L	BL
WG	VOA	101335	101335015	039GP13238	N		SW8260B	METHOD	1,1-DICHLOROETHENE	0.69	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335015	039GP13238	N		SW8260B	METHOD	ACETONE	4.4	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335016	039GP13242	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.6	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335016	039GP13242	N		SW8260B	METHOD	ACETONE	6.3	J	10	U	2.29	10 ug/L	BL
WG	VOA	101335	101335017	039GP13246	N		SW8260B	METHOD	1,1-DICHLOROETHENE	2.9	J	5	U	0.41	5 ug/L	BL
WG	VOA	101335	101335017	039GP13246	N		SW8260B	METHOD	ACETONE	4.1	J	10	U	2.29	10 ug/L	BL
WG	VOA	89179	89179002	039GP115D1	N		SW8260B	METHOD	1,1-DICHLOROETHENE	2	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179003	039GP115D2	N		SW8260B	METHOD	ETHYLBENZENE	0.27	J	5	U	0.21	5 ug/L	BL
WG	VOA	89179	89179004	039GP116-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	0.76	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179005	039GP116D1	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.9	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179006	039GP116D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	1.6	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179008	039GP117-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	2.5	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179009	039HP117-I	FD		SW8260B	METHOD	1,1-DICHLOROETHENE	2.7	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179013	039GP118-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	0.67	J	5	U	0.41	5 ug/L	BL
WG	VOA	89179	89179001	039GP115-I	N		SW8260B	METHOD	ACETONE	3.9	J	3.9	J	2.29	10 ug/L	BS
WG	VOA	89179	89179002	039GP115D1	N		SW8260B	METHOD	ACETONE	4.2	J	4.2	J	2.29	10 ug/L	BS
WG	VOA	89179	89179003	039GP115D2	N		SW8260B	METHOD	ACETONE	43.7	=	43.7	J	2.29	10 ug/L	BS
WG	VOA	89179	89179004	039GP116-I	N		SW8260B	METHOD	ACETONE	4	J	4	J	2.29	10 ug/L	BS
WG	VOA	89179	89179005	039GP116D1	N		SW8260B	METHOD	ACETONE	3.9	J	3.9	J	2.29	10 ug/L	BS
WG	VOA	89179	89179006	039GP116D2	N		SW8260B	METHOD	ACETONE	3.5	J	3.5	J	2.29	10 ug/L	BS
WG	VOA	89179	89179012	039GP117D3	N		SW8260B	METHOD	ACETONE	4	J	4	J	2.29	10 ug/L	BS
WG	VOA	89179	89179013	039GP118-I	N		SW8260B	METHOD	ACETONE	2.9	J	2.9	J	2.29	10 ug/L	BS
WG	VOA	100207	100207006	039GP125D1	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	100207	100207006	039GP125D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	100207	100207006	039GP125D1	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	100207	100207006	039GP125D1	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC
WG	VOA	100207	100207010	039GP126D1	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC

WG	VOA	100207	100207010	039GP126D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	100207	100207010	039GP126D1	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	100207	100207010	039GP126D1	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC
WG	VOA	100207	100207017	039GP128-I	N		SW8260B	METHOD	ACETONE	2.8	J	2.8	J	2.29	10 ug/L	CC
WG	VOA	100207	100207018	039HP128-I	FD		SW8260B	METHOD	ACETONE	3.4	J	3.4	J	2.29	10 ug/L	CC
WG	VOA	101335	101335001	039GP12928	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335002	039GP12938	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	CC
WG	VOA	101335	101335003	039GP12942	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	CC
WG	VOA	101335	101335004	039GP12946	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335005	039GP13028	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	CC
WG	VOA	101335	101335006	039GP13038	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335007	039GP13042	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335008	039GP13046	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335009	039GP13128	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335010	039GP13136	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335011	039HP131-D1	FD		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335012	039GP13142	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335013	039GP13146	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335014	039GP13228	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335015	039GP13238	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335016	039GP13242	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	101335	101335017	039GP13246	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	89573	89573006	039GP119D1	N		SW8260B	METHOD	ACETONE	4.7	J	4.7	J	4.58	20 ug/L	CC
WG	VOA	89573	89573006	039GP119D1	N		SW8260B	METHOD	BROMOMETHANE	20	U	20	UJ	1	20 ug/L	CC
WG	VOA	89573	89573007	039GP119D2	N		SW8260B	METHOD	BROMOMETHANE	50	U	50	UJ	2.5	50 ug/L	CC
WG	VOA	89573	89573008	039GP119D3	N		SW8260B	METHOD	BROMOMETHANE	100	U	100	UJ	5	100 ug/L	CC
WG	VOA	89573	89573009	039GP120D1	N		SW8260B	METHOD	ACETONE	2.8	J	2.8	J	2.29	10 ug/L	CC
WG	VOA	89573	89573009	039GP120D1	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89573	89573009	039GP120D1	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	89573	89573010	039GP120D2	N		SW8260B	METHOD	ACETONE	15.2	=	15.2	J	2.29	10 ug/L	CC
WG	VOA	89573	89573010	039GP120D2	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89573	89573010	039GP120D2	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	89573	89573011	039GP120D3	N		SW8260B	METHOD	BROMOMETHANE	100	U	100	UJ	5	100 ug/L	CC
WG	VOA	89993	89993002	039GP121D1	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993005	039GP122-I	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993005	039GP122-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993005	039GP122-I	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC
WG	VOA	89993	89993005	039GP122-I	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC
WG	VOA	89993	89993007	039GP122D2	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993008	039GP122D3	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993012	039GP123D2	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89993	89993015	039GP124D1	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC
WG	VOA	89573	89573003	039GP120-I	N		SW8260B	METHOD	ACETONE	2.8	J	2.8	J	2.29	10 ug/L	CC, MS
WG	VOA	89573	89573003	039GP120-I	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, MS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS

WG	VOA	100207	100207002	039GP128D3	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207002	039GP128D3	N	SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207002	039GP128D3	N	SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	100207	100207007	039GP125D2	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207007	039GP125D2	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207007	039GP125D2	N	SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207007	039GP125D2	N	SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	100207	100207008	039GP125D3	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207008	039GP125D3	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207008	039GP125D3	N	SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207008	039GP125D3	N	SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	100207	100207011	039GP126D2	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207011	039GP126D2	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207011	039GP126D2	N	SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207011	039GP126D2	N	SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	CC, SS
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	CC, SS
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	ACETONE	4.1	J	4.1	J	2.29	10 ug/L	CC, SS
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WQ	VOA	89573	89573005	039HP119-I	FD	SW8260B	METHOD	ACETONE	4.3	J	4.3	J	2.29	10 ug/L	CC, SS
WQ	VOA	89573	89573005	039HP119-I	FD	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993001	039GP121-I	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993003	039GP121D2	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993004	039GP121D3	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993008	039GP122D1	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993009	039GP123-I	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993010	039HP123-I	FD	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993011	039GP123-D1	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993013	039GP123D3	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993014	039GP124-I	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993016	039GP124D2	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	89993	89993017	039GP124D3	N	SW8260B	METHOD	BROMOMETHANE	10	U	10	UJ	0.5	10 ug/L	CC, SS
WG	VOA	100207	100207005	039GP125-I	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207009	039GP126-I	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207009	039GP126-I	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207013	039GP127-I	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207013	039GP127-I	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207014	039GP127D1	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207014	039GP127D1	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207016	039GP127D3	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207016	039GP127D3	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207017	039GP128-I	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207017	039GP128-I	N	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	100207	100207018	039HP128-I	FD	SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC
WG	VOA	100207	100207018	039HP128-I	FD	SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC

WG	VOA	89179	89179001	039GP115-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179002	039GP115D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179003	039GP115D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179004	039GP116-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179005	039GP116D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179006	039GP116D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179007	039GP116D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179008	039GP117-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179009	039HP117-I	FD		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179010	039GP117D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179011	039GP117D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179012	039GP117D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179013	039GP118-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179014	039GP118D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179015	039GP118D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179016	039GP118D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	IC
WG	VOA	89179	89179002	039GP115D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179003	039GP115D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179004	039GP116-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179005	039GP116D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179006	039GP116D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179007	039GP116D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179008	039GP117-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179009	039HP117-I	FD		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179010	039GP117D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179011	039GP117D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179012	039GP117D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179013	039GP118-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179014	039GP118D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179015	039GP118D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	89179	89179016	039GP118D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	IC, CC
WG	VOA	100207	100207005	039GP125-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	R	1.25	10 ug/L	MS
WG	VOA	101335	101335017	039GP13246	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	R	1.25	10 ug/L	MS
WG	VOA	89179	89179001	039GP115-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	R	1.25	10 ug/L	MS
WG	VOA	89573	89573003	039GP120-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	R	1.25	10 ug/L	MS
WG	VOA	89993	89993015	039GP124D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	R	1.25	10 ug/L	MS
WG	VOA	89993	89993015	039GP124D1	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	MS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,1-DICHLOROETHANE	12	=	12	J	0.41	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	15.5	=	15.5	J	0.41	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2DL	LR	DL	SW8260B	METHOD	1,2-Dichloroethene (total)	891	D	891	J	3	50 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS

WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	ACETONE	6	J	6	J	2.29	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	BENZENE	3	J	3	J	0.33	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2DL	LR	DL	SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	887	D	887	J	3	50 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	6.1	=	6.1	J	0.33	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5.2	=	5.2	J	0.37	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207001	039GP128D2DL	LR	DL	SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	655	D	655	J	3.6	50 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	VINYL CHLORIDE	19.2	=	19.2	J	0.55	10 ug/L	SS
WG	VOA	100207	100207001	039GP128D2	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	8.3	=	8.3	J	0.41	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	10.9	=	10.9	J	0.41	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3DL	LR	DL	SW8260B	METHOD	1,2-Dichloroethene (total)	616	D	616	J	3	50 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	ACETONE	7.8	J	7.8	J	2.29	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	BENZENE	2	J	2	J	0.33	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS

WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3DL	LR	DL	SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	616	D	616	J	3	50 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	8.7	=	8.7	J	0.33	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	2.3	J	2.3	J	0.37	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207002	039GP128D3DL	LR	DL	SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	398	D	398	J	3.6	50 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	VINYL CHLORIDE	15.6	=	15.6	J	0.55	10 ug/L	SS
WG	VOA	100207	100207002	039GP128D3	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5.3	=	5.3	J	0.41	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	6.4	=	6.4	J	0.41	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2DL	LR	DL	SW8260B	METHOD	1,2-Dichloroethene (total)	374	D	374	J	1.5	25 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	ACETONE	5.3	J	5.3	J	2.29	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	BENZENE	0.58	J	0.58	J	0.33	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2DL	LR	DL	SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	371	D	371	J	1.5	25 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS

WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	0.7 J	0.7 J	0.33	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	3.7 J	3.7 J	0.37	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207007	039GP125D2DL	LR	DL	SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	69.2 D	69.2 J	1.8	25 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	VINYL CHLORIDE	14.9 =	14.9 J	0.55	10 ug/L	SS
WG	VOA	100207	100207007	039GP125D2	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	12.6 =	12.6 J	0.41	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	17.2 =	17.2 J	0.41	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	ACETONE	4 J	4 J	2.29	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	BENZENE	0.95 J	0.95 J	0.33	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	2.7 J	2.7 J	0.33	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	8.5 =	8.5 J	0.37	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	VINYL CHLORIDE	38.1 =	38.1 J	0.55	10 ug/L	SS
WG	VOA	100207	100207008	039GP125D3	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	100207	100207011	039GP128D2	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	100207	100207011	039GP128D2	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS

WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,1-DICHLOROETHANE	6	=	6	J	0.41	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	7.5	=	7.5	J	0.41	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	ACETONE	2.6	J	2.6	J	2.29	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	BENZENE	0.64	J	0.64	J	0.33	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	27.9	=	27.9	J	0.33	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	6.5	=	6.5	J	0.37	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	77.5	=	77.5	J	0.36	5 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	VINYL CHLORIDE	19.5	=	19.5	J	0.55	10 ug/L SS
WG	VOA	100207	100207011	039GP126D2	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	6.5	=	6.5	J	0.41	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	7	=	7	J	0.41	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	100207	100207012	039GP126D3	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L SS

WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	ACETONE	5.6 J	5.6 J	2.29	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	BENZENE	0.77 J	0.77 J	0.33	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	22.3 =	22.3 J	0.33	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	trans-1,2-DICHLOROETHENE	3.8 J	3.8 J	0.37	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	71 =	71 J	0.36	5 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	VINYL CHLORIDE	21 =	21 J	0.55	10 ug/L	SS	
WG	VOA	100207	100207012	039GP126D3	N	SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	1,1-DICHLOROETHANE	7.4 =	7.4 J	0.41	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	1,1-DICHLOROETHENE	9.3 =	9.3 J	0.41	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	ACETONE	3.5 J	3.5 J	2.29	10 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	BENZENE	2.3 J	2.3 J	0.33	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	15.7 =	15.7 J	0.33	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	trans-1,2-DICHLOROETHENE	4.1 J	4.1 J	0.37	5 ug/L	SS	
WG	VOA	100207	100207015	039GP127D2	N	SW8260B	METHOD	VINYL CHLORIDE	29.1 =	29.1 J	0.55	10 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,1-DICHLOROETHANE	5 U	5 UJ	0.41	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,1-DICHLOROETHENE	0.44 J	0.44 J	0.41	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2-Dichloroethene (total)	21.7 =	21.7 J	0.3	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS	
WG	VOA	89573	89573004	039GP119-I	N	SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS	

WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	21.7	=	21.7	J	0.3	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5	U	5	UJ	0.37	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	7.2	=	7.2	J	0.36	5 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	VINYL CHLORIDE	10	U	10	UJ	0.55	10 ug/L	SS
WG	VOA	89573	89573004	039GP119-I	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,1-DICHLOROETHANE	5	U	5	UJ	0.41	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,1-DICHLOROETHENE	5	U	5	UJ	0.41	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2-Dichloroethene (total)	20.7	=	20.7	J	0.3	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS

WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	CHLOROMETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	20.7 =	20.7 J	0.3	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	METHYLENE CHLORIDE	5 U	5 UJ	1.9	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5 U	5 UJ	0.33	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5 U	5 UJ	0.37	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	6.6 =	6.6 J	0.36	5 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	Vinyl acetate	10 U	10 UJ	1.32	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	VINYL CHLORIDE	10 U	10 UJ	0.55	10 ug/L	SS
WQ	VOA	89573	89573005	039HP119-I	FD		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2-Dichloroethene (total)	0.4 J	0.4 J	0.3	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	ACETONE	2.8 J	2.8 J	2.29	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	BENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	CHLOROMETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	0.4 J	0.4 J	0.3	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS

WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5	U	5	UJ	0.37	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	VINYL CHLORIDE	10	U	10	UJ	0.55	10 ug/L	SS
WG	VOA	89993	89993001	039GP121-I	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,1-DICHLOROETHANE	6.4	=	6.4	J	0.41	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	8.7	=	8.7	J	0.41	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.76	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	ACETONE	2.9	J	2.9	J	2.29	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	BENZENE	0.73	J	0.73	J	0.33	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	3.3	J	3.3	J	0.33	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5.5	=	5.5	J	0.37	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS

WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	81.3	=	81.3	J	0.36	5 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	VINYL CHLORIDE	21.8	=	21.8	J	0.55	10 ug/L	SS
WG	VOA	89993	89993003	039GP121D2	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	8.7	=	8.7	J	0.41	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	11.8	=	11.8	J	0.41	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	ACETONE	5	J	5	J	2.29	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	BENZENE	0.76	J	0.76	J	0.33	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	3.9	J	3.9	J	0.33	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	7.5	=	7.5	J	0.37	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	VINYL CHLORIDE	29.6	=	29.6	J	0.55	10 ug/L	SS
WG	VOA	89993	89993004	039GP121D3	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5	U	5	UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5	U	5	UJ	0.41	5 ug/L	SS

WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2-Dichloroethene (total)	2.2	J	2.2	J	0.3	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	ACETONE	2.8	J	2.8	J	2.29	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	2.2	J	2.2	J	0.3	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5	U	5	UJ	0.37	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	0.57	J	0.57	J	0.36	5 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	VINYL CHLORIDE	10	U	10	UJ	0.55	10 ug/L SS
WG	VOA	89993	89993006	039GP122D1	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5	U	5	UJ	0.41	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5	U	5	UJ	0.41	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2-Dichloroethene (total)	0.31	J	0.31	J	0.3	5 ug/L SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS

WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	ACETONE	2.4 J	2.4 J	2.29	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	BENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	CHLOROMETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	0.31 J	0.31 J	0.3	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	METHYLENE CHLORIDE	5 U	5 UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5 U	5 UJ	0.37	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	Vinyl acetate	10 U	10 UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	VINYL CHLORIDE	10 U	10 UJ	0.55	10 ug/L	SS
WG	VOA	89993	89993009	039GP123-I	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,1-DICHLOROETHANE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,1-DICHLOROETHENE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2-Dichloroethene (total)	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS

WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	ACETONE	2.3	U	2.3	UJ	2.29	10 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	5	U	5	UJ	0.3	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5	U	5	UJ	0.37	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	VINYL CHLORIDE	10	U	10	UJ	0.55	10 ug/L SS
WG	VOA	89993	89993010	039HP123-I	FD		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5	U	5	UJ	0.41	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5	U	5	UJ	0.41	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2-Dichloroethene (total)	3.2	J	3.2	J	0.3	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	ACETONE	3	J	3	J	2.29	10 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L SS

WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	3.2	J	3.2	J	0.3	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5	U	5	UJ	0.37	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	0.46	J	0.46	J	0.36	5 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	VINYL CHLORIDE	10	U	10	UJ	0.55	10 ug/L	SS
WG	VOA	89993	89993011	039GP123-D1	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5	U	5	UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5	U	5	UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5	U	5	UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2-Dichloroethene (total)	41.9	=	41.9	J	0.3	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	ACETONE	10	U	10	UJ	2.29	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	BENZENE	5	U	5	UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	41.9	=	41.9	J	0.3	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L	SS

WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	METHYLENE CHLORIDE	5 U	5 UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5 U	5 UJ	0.37	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	6.5 =	6.5 J	0.36	5 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	Vinyl acetate	10 U	10 UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	VINYL CHLORIDE	1.6 J	1.6 J	0.55	10 ug/L	SS
WG	VOA	89993	89993013	039GP123D3	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,1-DICHLOROETHANE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,1-DICHLOROETHENE	5 U	5 UJ	0.41	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2-Dichloroethene (total)	0.61 J	0.61 J	0.3	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.76	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	ACETONE	2.4 J	2.4 J	2.29	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	BENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	CHLOROMETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	cis-1,2-DICHLOROETHYLENE	0.61 J	0.61 J	0.3	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	METHYLENE CHLORIDE	5 U	5 UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS

WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	5 U	5 UJ	0.37	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	TRICHLOROETHYLENE (TCE)	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	Vinyl acetate	10 U	10 UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	VINYL CHLORIDE	10 U	10 UJ	0.55	10 ug/L	SS
WG	VOA	89993	89993014	039GP124-I	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5 U	5 UJ	0.49	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5 U	5 UJ	0.44	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,1-DICHLOROETHANE	9.4 =	9.4 J	0.41	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,1-DICHLOROETHENE	16 =	16 J	0.41	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5 U	5 UJ	0.42	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5 U	5 UJ	0.33	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	2-BUTANONE	10 U	10 UJ	2.31	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10 U	10 UJ	1.25	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	2-HEXANONE	10 U	10 UJ	1.45	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10 U	10 UJ	1.78	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	ACETONE	3.5 J	3.5 J	2.29	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	BENZENE	1.2 J	1.2 J	0.33	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5 U	5 UJ	0.38	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	BROMOFORM	5 U	5 UJ	0.5	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CARBON DISULFIDE	5 U	5 UJ	1.91	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CHLOROBENZENE	5 U	5 UJ	0.32	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CHLOROETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CHLOROFORM	5 U	5 UJ	0.36	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	CHLOROMETHANE	10 U	10 UJ	0.5	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5 U	5 UJ	0.3	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	ETHYLBENZENE	5 U	5 UJ	0.21	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	m+p Xylene	5 U	5 UJ	0.6	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	METHYLENE CHLORIDE	5 U	5 UJ	1.9	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	o-Xylene	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	STYRENE	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	0.36 J	0.36 J	0.33	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	TOLUENE	5 U	5 UJ	0.39	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	9.6 =	9.6 J	0.37	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5 U	5 UJ	0.29	5 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	Vinyl acetate	10 U	10 UJ	1.32	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	VINYL CHLORIDE	36.1 =	36.1 J	0.55	10 ug/L	SS
WG	VOA	89993	89993016	039GP124D2	N		SW8260B	METHOD	XYLENES, TOTAL	5 U	5 UJ	0.25	5 ug/L	SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,1,1-TRICHLOROETHANE	5 U	5 UJ	0.34	5 ug/L	SS

WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,1,2,2-TETRACHLOROETHANE	5	U	5	UJ	0.49	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,1,2-TRICHLOROETHANE	5	U	5	UJ	0.44	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,1-DICHLOROETHANE	7.6	=	7.6	J	0.41	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,1-DICHLOROETHENE	12.6	=	12.6	J	0.41	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,2,3-Trichlorobenzene	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,2,4-TRICHLOROBENZENE	5	U	5	UJ	0.42	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,2-DICHLOROBENZENE	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,2-DICHLOROETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,2-DICHLOROPROPANE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,3-DICHLOROBENZENE	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	1,4-DICHLOROBENZENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	2-BUTANONE	10	U	10	UJ	2.31	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	2-Chloroethyl vinyl ether	10	U	10	UJ	1.25	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	2-HEXANONE	10	U	10	UJ	1.45	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	4-METHYL-2-PENTANONE	10	U	10	UJ	1.78	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	ACETONE	2.8	J	2.8	J	2.29	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	BENZENE	1.1	J	1.1	J	0.33	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	BROMODICHLOROMETHANE	5	U	5	UJ	0.38	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	BROMOFORM	5	U	5	UJ	0.5	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CARBON DISULFIDE	5	U	5	UJ	1.91	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CARBON TETRACHLORIDE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CHLOROBENZENE	5	U	5	UJ	0.32	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CHLOROETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CHLOROFORM	5	U	5	UJ	0.36	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	CHLOROMETHANE	10	U	10	UJ	0.5	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	cis-1,3-DICHLOROPROPENE	5	U	5	UJ	0.3	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	DIBROMOCHLOROMETHANE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	ETHYLBENZENE	5	U	5	UJ	0.21	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	m+p Xylene	5	U	5	UJ	0.6	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	METHYLENE CHLORIDE	5	U	5	UJ	1.9	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	o-Xylene	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	STYRENE	5	U	5	UJ	0.25	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	TETRACHLOROETHYLENE(PCE)	5	U	5	UJ	0.33	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	TOLUENE	5	U	5	UJ	0.39	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	trans-1,2-DICHLOROETHENE	7.4	=	7.4	J	0.37	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	trans-1,3-DICHLOROPROPENE	5	U	5	UJ	0.29	5 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	Vinyl acetate	10	U	10	UJ	1.32	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	VINYL CHLORIDE	27.3	=	27.3	J	0.55	10 ug/L SS
WG	VOA	89993	89993017	039GP124D3	N		SW8260B	METHOD	XYLENES, TOTAL	5	U	5	UJ	0.25	5 ug/L SS

Appendix D

SAFETY DATA SHEET
2001/58/EC

Potassium Lactate, PURASAL® P

Revision Date: **08/05/03**
Ref. **SD150/2003-01**

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

# Product name	Potassium Lactate, PURASAL® P	
Use of the Substance	Food additive, Specialty chemical	
Supplier	PURAC biochem Arkelsedijk 46 NL-4206 AC Gorinchem The Netherlands	PURAC bioquimica Gran Vial 19 -25 08160 Montmelo-Barcelona Spain
Telephone	+31 183 695695	+34 93 568 6300
Fax	+31 183 695604	+34 93 568 3955
Emergency telephone	+31 183 695695	+34 93 568 6300 (Ext 222)
Supplier	PURAC America, Inc. 111 Barclay Blvd., Lincolnshire, IL 60069 USA	
Telephone	+1 847 634 6330	
Fax	+1 847 634 1992	
Emergency telephone	(800) 424 9300	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name of the substance	Potassium-S-(-)-2-hydroxy propionate aqueous solution
Synonyms	Potassium Lactate Potassium L-2-hydroxy propionate
EC-No. 288-752-8	**CAS-No.** 996-31-6

3. HAZARDS IDENTIFICATION

Most important hazards
May cause eye irritation with susceptible persons.

4. FIRST AID MEASURES

General advice
Show this safety data sheet to the doctor in attendance.
Immediate medical attention is not required.

Inhalation
Move to fresh air.

Skin contact
Wash off with water.

Eye contact
Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion
Drink water.

Protection of first-aiders
No hazards which require special first aid measures.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Water, carbon dioxide (CO2), foam.

Extinguishing media which must not be used for safety reasons
None.

Specific hazards
Burning produces irritant fumes.

Special protective equipment for firefighters
None.

Specific methods
Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
None.

Environmental precautions
Prevent further leakage or spillage.
No special environmental precautions required.

Methods for cleaning up
Flush with water.

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions
No special technical protective measures required.

Safe handling advice
Handle in accordance with good industrial hygiene and safety practice.

Storage

Technical measures/Storage conditions
Keep tightly closed in a dry place.

Packaging material
All steel and plastic packages.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure
None.

Control parameters
None.

Personal protection equipment
No special protective equipment required.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	aqueous solution
Colour	light yellow
Odour	slight / none
pH	6.5 - 8.5
Boiling point/range	115°C (60% solution), 125°C (80% solution)
Decomposition temperature	> 200°C
Flash point	not applicable
Explosion limits	not applicable
Density	1320 - 1350 kg/m^3 (60% solution)
Solubility	Water solubility: completely soluble
Viscosity	24 - 26 mPa.s @ 20°C (60% solution)

10. STABILITY AND REACTIVITY

Stability
Stable at normal conditions. Hazardous polymerisation does not occur.

Conditions to avoid
Temperatures above 200°C.

Materials to avoid
None.

Hazardous decomposition products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Health injuries are not known or expected under normal use.

Local effects
May cause eye irritation with susceptible persons.

Specific effects
Based on tests with L-lactic acid and its salts, there is no evidence to suggest carcinogenic nor mutagenic properties from lactic acid itself nor from the lactate portion of its metal salts.

12. ECOLOGICAL INFORMATION

Mobility
Completely soluble.
Persistence / degradability
Product is a salt of lactic acid which is readily biodegradable.
Bioaccumulation
Unlikely.
Ecotoxicity
Ecological injuries are not known or expected under normal use.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products
Can be disposed as waste water, when in compliance with local regulations.
Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging
Clean container with water.
Empty containers should be taken for local recycling, recovery or waste disposal.

Further information
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

The product does not need to be labelled in accordance with directive 67/548/EEC.
EC Food additive: E 326
USA FDA/GRAS Status.

German Water Hazard Class (WGK): 1

16. OTHER INFORMATION

Further information on the safety assessment of lactic acid and its salts can be obtained in a CFTA Report of June 6th 1997. Additional data on the calculated ecotoxicty of lactic acid and its salts and esters can be obtained in a report entitled 'The ecotoxicity and biodegradability of lactic acid, alkyl lactate esters and lactic acid salts' by Bowmer et al.(Reference: Chemosphere 37: 1317-1333 (1998))

# Indicates updated section.

MATERIAL SAFETY DATA SHEET

EMULSIFIED EDIBLE OIL SUBSTRATE

D.O.T. HAZARD CLASSIFICATION: NONE
0

----HMIS----	
HEALTH	1
FLAMMABILITY	
REACTIVITY	0
PERSONAL PROTECTION	B

MANUFACTURER'S NAME

EOS Remediation, Inc
3722 Benson Drive, Suite 101
Raleigh,NC 27609

DATE OF PREPARATION
01-24-03, Rev. 02-16-04

INFORMATION TELEPHONE NO.
919-873-2204

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME	**EOS®CONCENTRATE 1.1**
PRODUCT CLASS	**VEGETABLE OIL BASED EMULSION**
CAS NUMBER	**MIXTURE**

SECTION II - HAZARDOUS INGREDIENTS

COMPONENT(S) EXPOSURE LIMIT

THIS PRODUCT IS A MIXTURE OF EDIBLE FOOD GRADE ADDITIVES AND CONTAINS NO HAZARDOUS INGREDIENTS.

SECTION III - PHYSICAL DATA

BOILING POINT:	**212°F**
SPECIFIC GRAVITY:	**.92**
VAPOR PRESSURE:	**NOT ESTABLISHED**
PERCENT VOLATILE BY VOLUME (%):	**24 (AS WATER)**
VAPOR DENSITY:	**HEAVIER THAN AIR**
EVAPORATION RATE:	**NOT ESTABLISHED**
SOLUBILITY IN WATER:	**SOLUBLE**
APPEARANCE AND ODOR:	**OFF WHITE LIQUID WITH VEGETABLE OIL ODOR**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	**>300°F**
FLAMMABLE LIMITS:	**NOT ESTABLISHED**
EXTINGUISHING MEDIA:	**CO_2, FOAM, DRY CHEMICAL** **NOTE: WATER, FOG, AND FOAM MAY CAUSE FROTHING AND SPATTERING.**
UNUSUAL FIRE AND EXPLOSION HAZARDS:	**BURNING WILL CAUSE OXIDES OF CARBON.**
SPECIAL FIRE FIGHTING PROCEDURES:	**WEAR SELF CONTAINED BREATHING APPARATUS AND CHEMICAL RESISTANT CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.**

SECTION V - PHYSICAL HAZARDS

STABILITY:	**STABLE**
CONDITIONS TO AVOID:	**NONE**
INCOMPATIBILITY:	**STRONG ACIDS AND OXIDIZERS.**
HAZARDOUS DECOMPOSITION PRODUCTS:	**THERMAL DECOMPOSITION MAY PRODUCT OXIDES OF CARBON.**
HAZARDOUS POLYMERIZATION:	**WILL NOT OCCUR**

SECTION VI - HEALTH HAZARDS

SIGNS AND SYMPTOMS OF EXPOSURE:

1. Acute Overexposure - **NONE**
2. Chronic Overexposure - **NONE**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: **NONE KNOWN**

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

N.T.P. - **NO** I.A.R.C. - **NO** OSHA - **NO**

EMERGENCY AND FIRST AID PROCEDURES:

1.) Inhalation-	**REMOVE TO FRESH AIR.**
2.) Eyes-	**FLUSH WITH WATER FOR 15 MINUTES, IF IRRITATION PERSISTS SEE PHYSICIAN.**
3.) Skin-	**WASH WITH MILD SOAP AND WATER.**
4.) Ingestion-	**PRODUCT IS NON-TOXIC. IF NAUSEA OCCURS, INDUCE VOMITING AND SEEK MEDICAL ATTENTION.**

EMULSIFIED EDIBLE OIL SUBSTRATE

SECTION VII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	**NOT NORMALLY REQUIRED**
VENTILATION:	**LOCAL EXHAUST**
PROTECTIVE GLOVES:	**NOT NORMALLY REQUIRED**
EYE PROTECTION:	**NOT NORMALLY REQUIRED**
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	**NONE**

SECTION VIII - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: **DO NOT STORE NEAR EXCESSIVE HEAT OR OXIDIZERS.**

OTHER PRECAUTIONS: **NONE**

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: **SOAK UP WITH DRY ABSORBENT AND FLUSH AREA WITH LARGE AMOUNTS OF WATER.**

WASTE DISPOSAL METHODS: **DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.**

SECTION IX - ADDITIONAL REGULATORY INFORMATION

SARA TITLE III

UNDER THE PROVISIONS OF TITLE 111, SECTION 311/312 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATIONS ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES: **NONE**

THIS PRODUCT DOES **NOT** CONTAIN SECTION 313 REPORTABLE INGREDIENTS.

THE INFORMATION CONTAINED HEREIN IS BASED ON AVAILABLE DATA AND IS BELIEVED TO BE CORRECT. HOWEVER, EOS REMEDIATION, INC. MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED THEREOF. THIS INFORMATION AND PRODUCT ARE FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR HIS/HER PARTICULAR PURPOSE.