

January 12, 2012

Environmental Administrator
Hazardous Waste Regulation Section M.S. 4560
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Attention:

Mr. Merlin D. Russell, Jr. Professional Geologist II Hazardous Waste Regulation

Re:

Safety-Kleen Systems, Inc., 5309 24<sup>th</sup> Avenue South, Tampa, Florida EPA ID # FLD 980 847 271; Operating Permit No. 34744-HO-007 Sampling and Analysis Plan

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Sampling and Analysis Plan (SAP) for the referenced facility in accordance with Rule 62-730.225, F.A.C and Specific Condition V.5 of the referenced RCRA (draft) permit.

This SAP is related to site assessment actions that will be implemented in accordance with the January 4, 2012, letter from the Department.

This SAP contains the required elements per paragraph 62-730.225(3)(b), F.A.C. These required elements are included in the Attached Tables 1 and 2 which comprise the SAP.

If you have any questions, please contact Bob Schoepke of Safety-Kleen at (847) 468-6733. Thank you for your assistance on this project.

Sincerely,

ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.

Richard J. Stebnisky P.G.

Principal Hydrogeologist

Date

Enclosures:

Tables 1 and 2

cc:

Bob Schoepke, Safety-Kleen

CC.

Branch File, c/o John Walters, Safety-Kleen Facility Manager

Jeff Curtis, Safety-Kleen - Compliance

Keith Morrison, ECT Darren Stowe, ECT

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### Table 1. Proposed Samples, Matrices, and Analytical Methods

FDEP SOPs

**Turbidity** 

Safety-Kleen Systems, Inc. Tampa, Florida EPA ID # FLD 980 847 271

For this project, the published method detection limits are the proposed detection limit criteria, in accordance with the Florida Department of Environmental Protections Quality Assurance rule, Chapter 62-160, F.A.C.

## FIELD MEASUREMENTS AND SAMPLING WILL BE PERFORMED BY: ECT, Inc. and it's subcontractors, as applicable.

<u>Parameter</u>	<u>Method</u>	<u>Parameter</u> <u>Method</u>
рН	EPA 150.1	ORP FDEP SOPs
Temperature	EPA 170.1	Water Levels FDEP SOPs
Conductivity	EPA 120.1	Well Depths FDEP SOPs
Alkalinity	EPA 310.1	·
Dissolved Oxygen	FDEP SOPs	

Field sample collection activities will be performed in accordance with the current FDEP SOPs.

LABORATORY ANALYSES WILL BE PERFORMED BY: ASI, Inc. and it's contractors (All NELAP Certified Laboratories)

The *Management of Contaminated Media under RCRA*, finalized on August 9, 2006, will be followed with regard to the management of contaminated media. In the event that the media is not subject to RCRA, contaminated media is managed under Best Management Plans (BMPs) or other state rules or guidance documents.

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Frequency	Sample Matrix	Sample Identification	# of Samples	тв	ЕВ	FD	Analytical Method #	Parameter
Single Event	soil	SB-1, SB-2, SB-3 (2 depths each)	6	1	1	0	EPA 8260B	Acetone
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Acrolein
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Acrylonitrile
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Allyl Chloride (3-Chloropropylene)
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Benzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Bromobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Bromochloromethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Bromodichloromethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Bromoform
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Bromomethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	n-Butylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	sec-Butylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	tert-Butylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Carbon Disulfide
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Carbon Tetrachloride
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Chlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1-Chlorobutane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Chloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	2-Chloroethyl Vinyl Ether
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Chloroform
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Chloromethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	2-Chlorotoluene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	4-Chlorotoluene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Dibromochloromethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dibromo-3-chloropropane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dibromoethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Dibromomethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,3-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,4-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	trans-1,4-Dichloro-2-butene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Dichlorodifluoromethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,1-Dichloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dichloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,1-Dichloroethene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	cis-1,2-Dichloroethene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	trans-1,2-Dichloroethene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dichloroethene (total)
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2-Dichloropropane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,3-Dichloropropane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	2,2-Dichloropropane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,1-Dichloropropene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	cis-1,3-Dichloropropene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	trans-1,3-Dichloropropene

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Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	EB	FD	Analytical Method #	Parameter
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Ethylbenzene
Single Event	soil soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B EPA 8260B	Ethyl Methacrylate Hexachlorobutadiene
Single Event Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	p-Isopropyltoluene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Hexachloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	lodomethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Isopropylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Methacrylonitrile
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Methyl Acrylate 0
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Methyl Butyl Ketone (2-Hexanone)
Single Event Single Event	soil soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B EPA 8260B	Methylene Chloride Methyl Ethyl Ketone
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Methyl Methacrylate
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	4-Methyl-2-pentanone (MIBK)
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Methyl-tert-Butyl Ether
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Naphthalene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	2-Nitropropane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Propionitrile (Ethyl Cyanide)
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	n-Propylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Styrene 0
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B EPA 8260B	1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Tetrachloroethene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Toluene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2,3-Trichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,2,4-Trichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,1,1-Trichloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,1,2-Trichloroethane
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Trichloroethene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Trichlorofluoromethane
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B EPA 8260B	1,2,3-Trichloropropane 1,2,4-Trimethylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	1,3,5-Trimethylbenzene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Vinyl Acetate
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Vinyl Chloride
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	m+p-Xylene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	o-Xylene
Single Event	soil	SB-1, SB-2, SB-3	6	1	1	0	EPA 8260B	Xylenes, total
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Acenaphthene
Single Event Single Event	soil soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Acenaphthylene Anthracene
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Benzo(a)anthracene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzo(a)pyrene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzo(b)fluoranthene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzo(ghi)perylene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzo(k)fluoranthene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzoic acid
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Benzyl alcohol
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Benzyl butyl phthalate 4-Bromophenyl phenyl ether
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Di-n-butyl phthalate
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	4-Chloroaniline
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Bis(2-chloroethoxy)methane
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Bis(2-chloroethyl)ether
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Bis(2-chloroisopropyl)ether
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	4-Chloro-3-methylphenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2-Chloronaphthalene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2-Chlorophenol 4-Chlorophenyl phenyl ether
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Chrysene
Single Event Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Dibenzo(a,h)anthracene
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Dibenzofuran
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	1,2-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	1,3-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	1,4-Dichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	3,3´-Dichlorobenzidine
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,4-Dichlorophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Diethyl phthalate

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	Sample		# of				Analytical	
Frequency	Matrix	Sample Identification	Samples	ТВ	EB	FD	Method #	Parameter
Single Event Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	2,4-Dimethylphenol
Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Dimethyl phthalate 4,6-Dinitro-2-methylphenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,4-Dinitrophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,4-Dinitrotoluene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,6-Dinitrotoluene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Bis(2-ethylhexyl)phthalate
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Fluoranthene Fluorene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Hexachlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Hexachlorobutadiene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Hexachlorocyclopentadiene
Single Event	soil soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Hexachloroethane
Single Event Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Indeno(1,2,3-cd)pyrene Isophorone
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2-Methylnaphthalene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2-Methylphenol (o-cresol)
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	3+4-Methylphenol (m+p-cresol)
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Naphthalene
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	2-Nitroaniline 3-Nitroaniline
Single Event	soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	4-Nitroaniline
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Nitrobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2-Nitrophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	4-Nitrophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	N-Nitrosodimethylamine
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	N-Nitrosodiphenylamine/Diphenylam N-Nitrosodi-n-propylamine
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Di-n-octyl phthalate
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Pentachlorophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Phenanthrene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	Phenol
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D EPA 8270D	Pyrene 1,2,4-Trichlorobenzene
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,4,5-Trichlorophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 8270D	2,4,6-Trichlorophenol
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010	
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010	
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010	
Single Event Single Event	soil soil	SB-1, SB-2, SB-3 SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010 EPA 6020/6010	Lead
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0		Mercury
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010	
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	EPA 6020/6010	Silver
Single Event	soil	SB-1, SB-2, SB-3	6	0	1	0	N/A	Moisture
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Acetone
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	Acrolein Acrylonitrile
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Allyl Chloride (3-Chloropropylene)
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Benzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Bromobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B	Bromochloromethane
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	Bromodichloromethane Bromoform
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Bromomethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	n-Butylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	sec-Butylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	tert-Butylbenzene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	Carbon Disulfide Carbon Tetrachloride
Single Event Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Chlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1-Chlorobutane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Chloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	2-Chloroethyl Vinyl Ether
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Chloroform
Single Event Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	Chloromethane 2-Chlorotoluene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	4-Chlorotoluene
Single Lvelit	groundwater	1, 1010 V -Z, 1010 V -J, 1010 V -4	1 7	ı	'	J	LI / 0200D	- Statisticality

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	Sample		# of				Analytical	
Frequency	Matrix	Sample Identification	Samples	ТВ	EB	FD	Method #	Parameter
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Dibromochloromethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2-Dibromo-3-chloropropane
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	1,2-Dibromoethane Dibromomethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,3-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,4-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	trans-1,4-Dichloro-2-butene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Dichlorodifluoromethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,1-Dichloroethane 1,2-Dichloroethane
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	1,1-Dichloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	cis-1,2-Dichloroethene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	trans-1,2-Dichloroethene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2-Dichloroethene (total)
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2-Dichloropropane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,3-Dichloropropane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	2,2-Dichloropropane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	1,1-Dichloropropene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	cis-1,3-Dichloropropene trans-1,3-Dichloropropene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Ethylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Ethyl Methacrylate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Hexachlorobutadiene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	p-Isopropyltoluene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Hexachloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	lodomethane
Single Event Single Event	groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	Isopropylbenzene Methacrylonitrile
Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Methyl Acrylate 0
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Methyl Butyl Ketone (2-Hexanone)
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Methylene Chloride
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Methyl Ethyl Ketone
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Methyl Methacrylate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	4-Methyl-2-pentanone (MIBK)
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	Methyl-tert-Butyl Ether Naphthalene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	2-Nitropropane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Propionitrile (Ethyl Cyanide)
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	n-Propylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Styrene 0
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,1,1,2-Tetrachloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,1,2,2-Tetrachloroethane Tetrachloroethene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B EPA 8260B	Toluene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2,3-Trichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,2,4-Trichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,1,1-Trichloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,1,2-Trichloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Trichloroethene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Trichlorofluoromethane
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	1	1	0	EPA 8260B EPA 8260B	1,2,3-Trichloropropane 1,2,4-Trimethylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	1,3,5-Trimethylbenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Vinyl Acetate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Vinyl Chloride
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	m+p-Xylene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	o-Xylene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	1	1	0	EPA 8260B	Xylenes, total
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4 4	0	1	0	EPA 8270D EPA 8270D	Acenaphthene Acenaphthylene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Anthracene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzo(a)anthracene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzo(a)pyrene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzo(b)fluoranthene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzo(ghi)perylene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzo(k)fluoranthene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzoic acid

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Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	EB	FD	Analytical Method #	Parameter
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Benzyl alcohol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	Benzyl butyl phthalate
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	4-Bromophenyl phenyl ether Di-n-butyl phthalate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	4-Chloroaniline
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Bis(2-chloroethoxy)methane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Bis(2-chloroethyl)ether
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Bis(2-chloroisopropyl)ether
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	4-Chloro-3-methylphenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2-Chloronaphthalene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	2-Chlorophenol 4-Chlorophenyl phenyl ether
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Chrysene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Dibenzo(a,h)anthracene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Dibenzofuran
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	1,2-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	1,3-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	1,4-Dichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	3,3´-Dichlorobenzidine
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	2,4-Dichlorophenol Diethyl phthalate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,4-Dimethylphenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Dimethyl phthalate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	4,6-Dinitro-2-methylphenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,4-Dinitrophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,4-Dinitrotoluene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,6-Dinitrotoluene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Bis(2-ethylhexyl)phthalate
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Fluoranthene
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	Fluorene Hexachlorobenzene
Single Event		MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Hexachlorobutadiene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Hexachlorocyclopentadiene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Hexachloroethane
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Indeno(1,2,3-cd)pyrene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Isophorone
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2-Methylnaphthalene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2-Methylphenol (o-cresol) 3+4-Methylphenol (m+p-cresol)
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	Naphthalene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2-Nitroaniline
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	3-Nitroaniline
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	4-Nitroaniline
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Nitrobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2-Nitrophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	4-Nitrophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	N-Nitrosodimethylamine
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	N-Nitrosodiphenylamine/Diphenylam
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1		EPA 8270D EPA 8270D	N-Nitrosodi-n-propylamine
Single Event Single Event	groundwater groundwater	MW-1, MW-2, MW-3, MW-4 MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D EPA 8270D	Di-n-octyl phthalate Pentachlorophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Phenanthrene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Phenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	Pyrene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	1,2,4-Trichlorobenzene
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,4,5-Trichlorophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4	0	1	0	EPA 8270D	2,4,6-Trichlorophenol
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0		Arsenic
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 6020/6010	
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 6020/6010	Cadmium
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 6020/6010	Chromium
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 6020/6010	
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 7470/7471	•
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0	EPA 6020/6010	
Single Event	groundwater	MW-1, MW-2, MW-3, MW-4	4*	0	1	0		
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	Acetone
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	Acrolein

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Record					S	ample I	s**		
New Note   New Note   New York	Frequency	-	Sample Identification		ТВ		FD	Method #	Parameter
No Record   Soil   TED	As Needed								· · · · · · · · · · · · · · · · · · ·
No Necedid Soll TBD TBD TBD TBD TBD TBD TBD Servanterace  No Necedid Soll TBD									1 1 7
No Necoded   Sol   TBD	As Needed								
Na Needed Soil T8D	As Needed								Bromochloromethane
No Necoded 501 TBD TBD TBD TBD TBD TBD TBD SN EPA 82008 Snconcenhane   No Necoded 501 TBD	As Needed								
Na Noeded oil TBO TBO TBO TBO TBO TBO TBO TBO PA 82008 observations of the second oil TBO	As Needed								
No.									
No Necedod   Sol   TBD									·
Name	As Needed								·
Name	As Needed								
Name									
As Needed Sol TBD									
As Needed   Soil   TBD				_					
AS Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   TBD   TBD   Conformer	As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	2-Chloroethyl Vinyl Ether
As Needed   Soil   TBD	As Needed								
Name	As Needed								
Name									
Name				_					
As Needed   Soil   TBD	As Needed			_					
As Needed         soil         TBD	As Needed	soil							1,2-Dibromoethane
As Needed   Soil   TBD	As Needed								
As Needed   Soil   TBD									,
Name									,
As Needed   Soil   TBD									•
As Needed         soil         TBD         TBD         TBD         TBD         EPA 8,260B         1,2-Dichloroethane           As Needed         soil         TBD         TBD         TBD         TBD         TBD         TBD         EPA 8,260B         cl-1,2-Dichloroethane           As Needed         soil         TBD         TBD         TBD         TBD         TBD         TBD         EPA 8,260B         cl-1,2-Dichloroethane           As Needed         soil         TBD         <	As Needed								,
As Needed   Soil   TBD	As Needed	soil							· ·
As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   cis-1,2-Dichloroethene   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,2-Dichloroethene   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,2-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,1-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   1,1-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   EPA 8260B   trans-1,3-Dichloroptopane   As Needed   Soil   TBD	As Needed								-,
As Needed   Soil   TBD				_					,
As Needed   Soil   TBD									,
As Needed         soil         TBD         EPA 8260B         1,3-Dichloropropane           As Needed         soil         TBD         TBD         TBD         TBD         TBD         TBD         FPA 8260B         1,2-Dichloropropane           As Needed         soil         TBD	As Needed								
As Needed   Soil   TBD	As Needed								_ · · · · · · · · · · · · · · · · · · ·
As Needed   Soil   TBD	As Needed								<u> </u>
As Needed soil TBD									
As Needed   Soil   TBD									, , , , , , , , , , , , , , , , , , , ,
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As Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   TBD   TBD   EPA 8260B   Hexachlorobutadiene   P-lopropyltoluene   As Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   TBD   EPA 8260B   Hexachlorobutane   Hexachl	As Needed								
As Needed   Soil   TBD	As Needed								
As Needed   Soil   TBD   TBD   TBD   TBD   TBD   TBD   TBD   EPA 8260B   Hexachloroethane									
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As Needed   Soil   TBD	As Needed								
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As Needed soil TBD TBD TBD TBD TBD TBD EPA 8260B Styrene 0 As Needed soil TBD									1 , , , ,
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As Needed soil TBD TBD TBD TBD TBD TBD EPA 8260B Tetrachloroethene As Needed soil TBD TBD TBD TBD TBD EPA 8260B Toluene As Needed soil TBD TBD TBD TBD TBD TBD EPA 8260B 1,2,3-Trichlorobenzene	As Needed	soil		TBD	TBD	TBD	TBD	EPA 8260B	1,1,1,2-Tetrachloroethane
As Needed soil TBD	As Needed								* * *
As Needed soil TBD TBD TBD TBD TBD TBD EPA 8260B 1,2,3-Trichlorobenzene									
AND TROUGHOUT ONLY THE TOTAL T	As Needed As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	1,2,4-Trichlorobenzene

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				S	ample	S**		
Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	EB	FD	Analytical Method #	Parameter
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	1,1,1-Trichloroethane
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	1,1,2-Trichloroethane
As Needed	soil	TBD TBD	TBD	TBD	TBD TBD	TBD	EPA 8260B	Trichloroethene Trichlorofluoromethane
As Needed As Needed	soil soil	TBD	TBD TBD	TBD TBD	TBD	TBD TBD	EPA 8260B EPA 8260B	1,2,3-Trichloropropane
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	1,2,4-Trimethylbenzene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	1,3,5-Trimethylbenzene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	Vinyl Acetate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	Vinyl Chloride
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8260B	m+p-Xylene
As Needed	soil	TBD	TBD	TBD	TBD TBD	TBD	EPA 8260B	o-Xylene
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD	TBD TBD	EPA 8260B EPA 8270D	Xylenes, total Acenaphthene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Acenaphthylene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Anthracene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(a)anthracene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(a)pyrene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(b)fluoranthene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(ghi)perylene
As Needed	soil	TBD	TBD	TBD	TBD TBD	TBD	EPA 8270D	Benzo(k)fluoranthene
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD	TBD TBD	EPA 8270D EPA 8270D	Benzoic acid Benzyl alcohol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Benzyl butyl phthalate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	4-Bromophenyl phenyl ether
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Di-n-butyl phthalate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	4-Chloroaniline
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-chloroethoxy)methane
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-chloroethyl)ether
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-chloroisopropyl)ether
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	4-Chloro-3-methylphenol 2-Chloronaphthalene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2-Chlorophenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	4-Chlorophenyl phenyl ether
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Chrysene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Dibenzo(a,h)anthracene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Dibenzofuran
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	1,2-Dichlorobenzene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	1,3-Dichlorobenzene
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	1,4-Dichlorobenzene 3,3´-Dichlorobenzidine
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dichlorophenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Diethyl phthalate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dimethylphenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Dimethyl phthalate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	4,6-Dinitro-2-methylphenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dinitrophenol
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	2,4-Dinitrotoluene 2,6-Dinitrotoluene
As Needed As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D EPA 8270D	Bis(2-ethylhexyl)phthalate
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Fluoranthene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Fluorene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorobenzene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorobutadiene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorocyclopentadiene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Hexachloroethane
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	Indeno(1,2,3-cd)pyrene Isophorone
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2-Methylnaphthalene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2-Methylphenol (o-cresol)
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	3+4-Methylphenol (m+p-cresol)
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Naphthalene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2-Nitroaniline
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	3-Nitroaniline
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	4-Nitroaniline
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	Nitrobenzene 2-Nitrophenol
As Needed As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D EPA 8270D	4-Nitrophenol
, .5 : 100uou	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	N-Nitrosodimethylamine

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Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	EB	FD	Analytical Method #	Parameter
As Needed	soil	TBD	TBD	TBD	TBD	TBD		N-Nitrosodiphenylamine/Diphenylam
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	N-Nitrosodi-n-propylamine
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Di-n-octyl phthalate
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 8270D EPA 8270D	Pentachlorophenol Phenanthrene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	Phenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD		Pyrene
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	1,2,4-Trichlorobenzene
As Needed	soil	TBD	TBD	TBD	TBD	TBD		2,4,5-Trichlorophenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 8270D	2,4,6-Trichlorophenol
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed As Needed	soil soil	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	EPA 7470/7471 EPA 6020/6010	Mercury Selenium
As Needed	soil	TBD	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	soil	TBD	TBD	TBD	TBD	TBD	N/A	Moisture
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples)	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Acetone Acrolein
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Acrylonitrile
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Allyl Chloride (3-Chloropropylene)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Benzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Bromobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Bromochloromethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Bromodichloromethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD		Bromoform
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Bromomethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	n-Butylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	sec-Butylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	tert-Butylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Carbon Disulfide
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Carbon Tetrachloride
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Chlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1-Chlorobutane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Chloroethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	2-Chloroethyl Vinyl Ether
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Chloroform
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Chloromethane

				Quality Control Samples**				
				S	ample 	es**		
Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	ЕВ	FD	Analytical Method #	Parameter
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	2-Chlorotoluene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	4-Chlorotoluene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Dibromochloromethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dibromo-3-chloropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dibromoethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Dibromomethane
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dichlorobenzene
As Needed	groundwater	wells, and direct push samples  TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,3-Dichlorobenzene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,4-Dichlorobenzene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	trans-1,4-Dichloro-2-butene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	Dichlorodifluoromethane
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,1-Dichloroethane
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dichloroethane
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	1,1-Dichloroethene
	<u> </u>	wells, and direct push samples  TBD (new and/or existing monitor	TBD		TBD	TBD	EPA 8260B	cis-1,2-Dichloroethene
As Needed	groundwater	wells, and direct push samples		TBD				trans-1,2-Dichloroethene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dichloroethene (total)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2-Dichloropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,3-Dichloropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	2,2-Dichloropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,1-Dichloropropene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	cis-1,3-Dichloropropene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	trans-1,3-Dichloropropene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Ethylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Ethyl Methacrylate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Hexachlorobutadiene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	p-Isopropyltoluene
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	Hexachloroethane
As Needed	groundwater	wells, and direct push samples  TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8260B	lodomethane
		wells, and direct push samples						Isopropylbenzene

				Quality Control				
				S	ample 	s**		
Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	EB	FD	Analytical Method #	Parameter
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methacrylonitrile
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methyl Acrylate 0
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methyl Butyl Ketone (2-Hexanone)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methylene Chloride
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methyl Ethyl Ketone
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methyl Methacrylate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	4-Methyl-2-pentanone (MIBK)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Methyl-tert-Butyl Ether
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Naphthalene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	2-Nitropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Propionitrile (Ethyl Cyanide)  n-Propylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Styrene 0
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,1,1,2-Tetrachloroethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,1,2,2-Tetrachloroethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Tetrachloroethene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Toluene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2,3-Trichlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2,4-Trichlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,1,1-Trichloroethane 1,1,2-Trichloroethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Trichloroethene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Trichlorofluoromethane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2,3-Trichloropropane
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,2,4-Trimethylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	1,3,5-Trimethylbenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Vinyl Chlorida
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Vinyl Chloride
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	m+p-Xylene
		wens, and unect push samples						o-Xylene

					Quality Control			
				S	ample	S**		
Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	ЕВ	FD	Analytical Method #	Parameter
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8260B	Xylenes, total
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Acenaphthene
An Nandad		wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Acenaphthylene
As Needed	groundwater	wells, and direct push samples	IBD	IBD	טפו	טפו	EPA 62/0D	Anthracene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(a)anthracene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(a)pyrene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(b)fluoranthene
		wells, and direct push samples						Benzo(ghi)perylene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Benzo(k)fluoranthene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Benzoic acid
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Benzyl alcohol
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Benzyl butyl phthalate
		wells, and direct push samples						4-Bromophenyl phenyl ether
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Di-n-butyl phthalate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	4-Chloroaniline
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-chloroethoxy)methane
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-chloroethyl)ether
		wells, and direct push samples						Bis(2-chloroisopropyl)ether
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	4-Chloro-3-methylphenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	2-Chloronaphthalene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	2-Chlorophenol
An Nandad		wells, and direct push samples	TDD	TDD	TDD	TDD	EDA 0070D	4-Chlorophenyl phenyl ether
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Chrysene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Dibenzo(a,h)anthracene
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Dibenzofuran
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	1,2-Dichlorobenzene
		wells, and direct push samples						1,3-Dichlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	1,4-Dichlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	3,3'-Dichlorobenzidine
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	
		wells, and direct push samples						2,4-Dichlorophenol

				Quality Control				
				Samples**				
Frequency	Sample Matrix	Sample Identification	# of Samples	ТВ	ЕВ	FD	Analytical Method #	Parameter
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Diethyl phthalate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dimethylphenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Dimethyl phthalate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	4,6-Dinitro-2-methylphenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dinitrophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	·
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,4-Dinitrotoluene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,6-Dinitrotoluene
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Bis(2-ethylhexyl)phthalate
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Fluoranthene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Fluorene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorobenzene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorobutadiene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Hexachlorocyclopentadiene
As Needed	groundwater	wells, and direct push samples TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	Hexachloroethane
	<u> </u>	wells, and direct push samples  TBD (new and/or existing monitor	TBD		TBD	TBD	EPA 8270D	Indeno(1,2,3-cd)pyrene
As Needed	groundwater	wells, and direct push samples		TBD				Isophorone
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2-Methylnaphthalene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2-Methylphenol (o-cresol)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	3+4-Methylphenol (m+p-cresol)
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Naphthalene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2-Nitroaniline
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	3-Nitroaniline
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	4-Nitroaniline
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Nitrobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2-Nitrophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	4-Nitrophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	N-Nitrosodimethylamine
As Needed	groundwater	TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	N-Nitrosodiphenylamine/Diphenylam
As Needed	groundwater	wells, and direct push samples  TBD (new and/or existing monitor	TBD	TBD	TBD	TBD	EPA 8270D	N-Nitrosodi-n-propylamine
		wells, and direct push samples						Di-n-octyl phthalate

## Table 1. Proposed Samples, Matrices, and Analytical Methods

Safety-Kleen Systems, Inc. Tampa, Florida EPA ID # FLD 980 847 271

				Quality Control Samples**				
Frequency	Sample Matrix	Sample Identification	# of Samples	тв	EB	FD	Analytical Method #	Parameter
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Pentachlorophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Phenanthrene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Phenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	Pyrene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	1,2,4-Trichlorobenzene
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,4,5-Trichlorophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 8270D	2,4,6-Trichlorophenol
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Arsenic
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Cadmium
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Chromium
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Lead
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 7470/7471	Mercury
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Selenium
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 6020/6010	Silver
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 200.7	Iron
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 200.7	Manganese
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 300.0	Chloride
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	EPA 300.0	Sulfate
As Needed	groundwater	TBD (new and/or existing monitor wells, and direct push samples	TBD	TBD	TBD	TBD	SM2540C	Total dissolved solids

Notes:

TBD Methods to be determined based on selection of site specific COCs.

Site Specific COCs and additional soil and/or groundwater sample locations will be determined following receipt of analyses from the initial soil and groundwater sampling event.

<sup>\*</sup> Two samples may be collected from each well; one sample may be field filtered and held for analyses pending results from unfiltered sample.

<sup>\*\*</sup> The number of trip blanks will be determined based on the number of coolers that hold volatiles samples, and the number of field duplicates will be a minimum of 5% as required in the FDEP SOPs.

# **Table 2. Proposed Sampling Equipment**Sampling and Analysis Plan

Safety Kleen Systems, Inc. Tampa, Florida EPA ID # FLD 980 847 271

The following equipment will be used by Environmental Consulting & Technology, Inc. and it's subcontractors for this project. The field equipment below will be used to collect samples in accordance with the current FDEP SOPs.

E	EQUIPMENT DESCRIPTION	CONSTRUCTION MATERIALS	USE					
Pui	Purging Equipment (Includes construction of tubing)							
1.	Submersible Pump	Stainless steel pump with Non- Inert tubing	Purging					
2.	Peristaltic Pump	Teflon® or Disposable	Purging					
3.	Bailer	Polyethylene	Purging					
4.		Teflon or Polyethylene	Purging					
Saı	Sampling Equipment							
1.	Submersible Pump	Stainless steel pump with Non- Inert Tubing	Sampling, Groundwater, All Parameters					
2.	Peristaltic Pump	Teflon® or Disposable Polyethylene	Sampling, Groundwater, All Parameters					
3.	Bailer	Stainless Steel	Sampling, Groundwater, All Parameters					
4.	Spoons or Spatulas	Stainless Steel	Soil and sediment					
5.	Hand Auger	Stainless Steel	Soil and sediment					
6.	Bowl	Stainless Steel	Soil and sediment					
7.	Dipper	Teflon®	Surface Water					
8.	Tubing	Teflon or Polyethylene	Sampling, Groundwater, All Parameters					
Field Measurement Equipment (construction does not need to be specified)								
1.	GPS/Survey Equipment	N/A	Location of sample points.					
2.	Water Level Indicator	N/A	Measure water levels.					
3.	pH/specific	N/A	Measure pH, specific conductivity					
	conductivity/temperature meter		& temp.					
4.	Turbidity meter	N/A	Measure turbidity.					
5.	Well depth meter	N/A	Measure well depths.					
6.	Dissolved Oxygen Meter	N/A	Measure dissolved oxygen.					
7.	Oxidation Reduction Potential Meter	N/A	Measure ORP					
8.	Terrain Conductivity Meter - EM34 surface geophysical survey instruments	N/A	Measure terrain conductivity					
9.	Hach Test Kit 1457-01 (or latest version)	N/A	Measure hardness					