APPENDIX B

2008 Sawyer Street CDF Groundwater Monitoring Chemistry Data

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Summary Data Tables

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Attachment B
Sawyer Street CDF 2008 Groundwater Monitoring Chemistry Data

		Station Id	FIELDQC			MW-1			MW-3		
		Northing				2701441.			2701536.		
		Easting				814357.			814758.		
		Depth Top				24.39			24.1		
		Depth Unit				FT			FT		
		Start Date	05/20/2008			05/19/2008			05/20/2008		
		Samp Id	EB-052008			MW-001-051908			MW-003-052008		
		Matrix	GW			GW			GW		
		Field Qc Code	EB			SA			SA		
		Lab Qc Code	EB			SA			SA		
		Fraction	TOTAL			TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	11104-28-2	Aroclor 1221	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	11141-16-5	Aroclor 1232	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	53469-21-9	Aroclor 1242	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	12672-29-6	Aroclor 1248	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	11097-69-1	Aroclor 1254	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
AR	11096-82-5	Aroclor 1260	0.047	UJ	UG/L	0.047	U	UG/L	0.047	UJ	UG/L
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate	93.		PCT_REC	82.		PCT_REC	109.		PCT_REC
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate	58.		PCT_REC	64.		PCT_REC	58.		PCT_REC
MET	7440-43-9	Cadmium	0.0114	J	UG/L	0.249		UG/L	0.124		UG/L
MET	7440-47-3	Chromium	0.843		UG/L	5.35		UG/L	6.36		UG/L
MET	7440-50-8	Copper	0.269		UG/L	0.984	U	UG/L	1.95		UG/L
MET	7439-92-1	Lead	0.0769		UG/L	0.739		UG/L	0.0849	U	UG/L
SVOC	109-99-9	Tetrahydrofuran	5.	U	UG/L	5.	U	UG/L	5.	U	UG/L
TSS	TSS	Total suspended solids									
VOC	67-64-1	Acetone	7.19		UG/L	2.79	EB	UG/L	8.4	EB	UG/L
VOC	71-43-2	Benzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-86-1	Bromobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-97-5	Bromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-25-2	Bromoform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-83-9	Bromomethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-90-7	Chlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-00-3	Chloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	67-66-3	Chloroform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-87-3	Chloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-95-3	Dibromomethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	60-29-7	Diethyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-41-4	Ethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-09-2	Methylene Chloride	1.21	j	UG/L	5.	U	UG/L	5.	U	UG/L
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-91-20-3	Naphthalene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-42-5	Styrene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-88-3	Toluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-01-6	Trichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	17060-07-0	1,2-Dichloroethane-D4	111.		PCT_REC	102.		PCT_REC	111.		PCT_REC
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L	100.	U	UG/L	100.	U	UG/L
VOC	78-93-3	2-Butanone	5.	U	UG/L	5.	U	UG/L	5.	U	UG/L
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	591-78-6	2-Hexanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L	4.	U	UG/L	4.	U	UG/L
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L	6.	U	UG/L	6.	U	UG/L
VOCSURR	1868-53-7	Dibromofluoromethane	106.		PCT_REC	101.		PCT_REC	105.		PCT_REC
VOCSURR	2037-26-5	Toluene-D8	99.		PCT_REC	99.		PCT_REC	99.		PCT_REC
VOCSURR	460-00-4	4-Bromofluorobenzene	97.		PCT_REC	97.		PCT_REC	98.		PCT_REC

Attachment B
Sawyer Street CDF 2008 Groundwater Monitoring Chemistry Data

		Station Id	MW-4A			MW-5			MW-5		
		Northing	2701422.			2701437.			2701437.		
		Easting	814875.			814876.			814876.		
		Depth Top	24.63			19.25			19.25		
		Depth Unit	FT			FT			FT		
		Start Date	05/20/2008			05/20/2008			05/20/2008		
		Samp Id	MW-04A-052008			MW-005-052008			MW-005-052008-REP		
		Matrix	GW			GW			GW		
		Field Qc Code	SA			SA			REP		
		Lab Qc Code	SA			SA			REP		
		Fraction	TOTAL			TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	11104-28-2	Aroclor 1221	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	11141-16-5	Aroclor 1232	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	53469-21-9	Aroclor 1242	0.043	J	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	12672-29-6	Aroclor 1248	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	11097-69-1	Aroclor 1254	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
AR	11096-82-5	Aroclor 1260	0.047	U	UG/L	0.047	U	UG/L	0.047	U	UG/L
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate	159.		PCT_REC	90.		PCT_REC	132.	P	PCT_REC
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate	85.		PCT_REC	66.		PCT_REC	64.		PCT_REC
MET	7440-43-9	Cadmium	0.0277	U	UG/L	0.046	U	UG/L	0.0434	U	UG/L
MET	7440-47-3	Chromium	6.57		UG/L	1.89	U	UG/L	1.98	U	UG/L
MET	7440-50-8	Copper	1.46		UG/L	1.12	U	UG/L	1.05	U	UG/L
MET	7439-92-1	Lead	0.071	U	UG/L	0.0609	U	UG/L	0.0557	U	UG/L
SVOC	109-99-9	Tetrahydrofuran	5.	U	UG/L	5.	U	UG/L	5.	U	UG/L
TSS	TSS	Total suspended solids									
VOC	67-64-1	Acetone	3.05	EB	UG/L	16.	EB	UG/L	16.	EB	UG/L
VOC	71-43-2	Benzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-86-1	Bromobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-97-5	Bromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-25-2	Bromoform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-83-9	Bromomethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-90-7	Chlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-00-3	Chloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	67-66-3	Chloroform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-87-3	Chloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-95-3	Dibromomethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	60-29-7	Diethyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-41-4	Ethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-09-2	Methylene Chloride	5.	U	UG/L	5.	U	UG/L	5.	U	UG/L
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-91-20-3	Naphthalene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-42-5	Styrene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-88-3	Toluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-01-6	Trichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	17060-07-0	1,2-Dichloroethane-D4	108.		PCT_REC	108.		PCT_REC	109.		PCT_REC
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L	100.	U	UG/L	100.	U	UG/L
VOC	78-93-3	2-Butanone	5.	U	UG/L	5.	U	UG/L	5.	U	UG/L
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	591-78-6	2-Hexanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L	4.	U	UG/L	4.	U	UG/L
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L	6.	U	UG/L	6.	U	UG/L
VOCSURR	1868-53-7	Dibromofluoromethane	105.		PCT_REC	104.		PCT_REC	104.		PCT_REC
VOCSURR	2037-26-5	Toluene-D8	100.		PCT_REC	99.		PCT_REC	98.		PCT_REC
VOCSURR	460-00-4	4-Bromofluorobenzene	98.		PCT_REC	97.		PCT_REC	96.		PCT_REC

Attachment B
Sawyer Street CDF 2008 Groundwater Monitoring Chemistry Data

		Station Id	MW-6			MW-7A			FIELDQC		
		Northing	2701648.			2701234.					
		Easting	814558.			814575.					
		Depth Top	19.48			15.03					
		Depth Unit	FT			FT			NA		
		Start Date	05/19/2008			05/19/2008			11/05/2008		
		Samp Id	MW-006-051908			MW-07A-051908			EB-110508		
		Matrix	GW			GW			BLK		
		Field Qc Code	SA			SA			EB		
		Lab Qc Code	SA			SA			EB		
		Fraction	TOTAL			TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
AR	11104-28-2	Aroclor 1221	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
AR	11141-16-5	Aroclor 1232	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
AR	53469-21-9	Aroclor 1242	0.048	U	UG/L	0.048	U	UG/L	0.095		UG/L
AR	12672-29-6	Aroclor 1248	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
AR	11097-69-1	Aroclor 1254	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
AR	11096-82-5	Aroclor 1260	0.048	U	UG/L	0.048	U	UG/L	0.047	U	UG/L
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate	107.		PCT_REC	88.		PCT_REC	114.		PCT_REC
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate	62.		PCT_REC	70.		PCT_REC	101.		PCT_REC
MET	7440-43-9	Cadmium	0.0444	U	UG/L	0.711		UG/L	0.005	U	UG/L
MET	7440-47-3	Chromium	2.45	U	UG/L	5.28		UG/L	0.6077		UG/L
MET	7440-50-8	Copper	0.453	U	UG/L	4.99		UG/L	0.3543		UG/L
MET	7439-92-1	Lead	0.0571	U	UG/L	0.0705	U	UG/L	0.07816		UG/L
SVOC	109-99-9	Tetrahydrofuran	5.	U	UG/L	5.	U	UG/L	2.	U	UG/L
TSS	TSS	Total suspended solids							1.	U	MG/L
VOC	67-64-1	Acetone	1.26	EB	UG/L	5.	U	UG/L	5.	U	UG/L
VOC	71-43-2	Benzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-86-1	Bromobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-97-5	Bromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-25-2	Bromoform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-83-9	Bromomethane	2.	U	UG/L	2.	UJ	UG/L	2.	U	UG/L
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L	2.	UJ	UG/L	2.	U	UG/L
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-90-7	Chlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-00-3	Chloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	67-66-3	Chloroform	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-87-3	Chloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	74-95-3	Dibromomethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	60-29-7	Diethyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-41-4	Ethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-09-2	Methylene Chloride	5.	U	UG/L	5.	U	UG/L	2.	U	UG/L
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-91-20-3	Naphthalene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	100-42-5	Styrene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-88-3	Toluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-01-6	Trichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	17060-07-0	1,2-Dichloroethane-D4	101.		PCT_REC	100.		PCT_REC	106.		PCT_REC
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L	100.	U	UG/L	100.	U	UG/L
VOC	78-93-3	2-Butanone	5.	U	UG/L	5.	U	UG/L	2.	U	UG/L
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	591-78-6	2-Hexanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L	2.	U	UG/L	2.	U	UG/L
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L	4.	U	UG/L	4.	U	UG/L
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L	6.	U	UG/L	6.	U	UG/L
VOCSURR	1868-53-7	Dibromofluoromethane	101.		PCT_REC	100.		PCT_REC	104.		PCT_REC
VOCSURR	2037-26-5	Toluene-D8	99.		PCT_REC	100.		PCT_REC	100.		PCT_REC
VOCSURR	460-00-4	4-Bromofluorobenzene	95.		PCT_REC	95.		PCT_REC	101.		PCT_REC

Attachment B
Sawyer Street CDF 2008 Groundwater Monitoring Chemistry Data

		Station Id	MW-1			MW-3			MW-3		
		Northing	2701441.			2701536.			2701536.		
		Easting	814357.			814758.			814758.		
		Depth Top	24.2			23.94			23.94		
		Depth Unit	FT			FT			FT		
		Start Date	11/06/2008			11/07/2008			11/07/2008		
		Samp Id	MW-001-110608			MW-003-110708			MW-003-110708-REP		
		Matrix	GW			GW			GW		
		Field Qc Code	SA			SA			REP		
		Lab Qc Code	SA			SA			REP		
		Fraction	TOTAL			TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016	0.048	U	UG/L	0.048	U	UG/L			
AR	11104-28-2	Aroclor 1221	0.048	U	UG/L	0.048	U	UG/L			
AR	11141-16-5	Aroclor 1232	0.048	U	UG/L	0.048	U	UG/L			
AR	53469-21-9	Aroclor 1242	0.048	U	UG/L	0.048	U	UG/L			
AR	12672-29-6	Aroclor 1248	0.048	U	UG/L	0.048	U	UG/L			
AR	11097-69-1	Aroclor 1254	0.048	U	UG/L	0.048	U	UG/L			
AR	11096-82-5	Aroclor 1260	0.048	U	UG/L	0.048	U	UG/L			
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate	73.		PCT_REC	94.		PCT_REC			
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate	91.		PCT_REC	94.		PCT_REC			
MET	7440-43-9	Cadmium	0.4345		UG/L	0.02989		UG/L	0.03063		UG/L
MET	7440-47-3	Chromium	1.775	U	UG/L	5.63		UG/L	5.92		UG/L
MET	7440-50-8	Copper	1.458	U	UG/L	0.855	U	UG/L	0.944	U	UG/L
MET	7439-92-1	Lead	0.8941	U	UG/L	0.06295	U	UG/L	0.0685	U	UG/L
SVOC	109-99-9	Tetrahydrofuran	2.	U	UG/L	2.	U	UG/L			
TSS	TSS	Total suspended solids									
VOC	67-64-1	Acetone	10.3		UG/L	5.36		UG/L			
VOC	71-43-2	Benzene	2.	U	UG/L	2.	U	UG/L			
VOC	108-86-1	Bromobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	74-97-5	Bromochloromethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-25-2	Bromoform	2.	U	UG/L	2.	U	UG/L			
VOC	74-83-9	Bromomethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L	2.	U	UG/L			
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L	2.	U	UG/L			
VOC	108-90-7	Chlorobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	75-00-3	Chloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	67-66-3	Chloroform	2.	U	UG/L	2.	U	UG/L			
VOC	74-87-3	Chloromethane	2.	U	UG/L	2.	U	UG/L			
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L			
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L	2.	U	UG/L			
VOC	74-95-3	Dibromomethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L	2.	U	UG/L			
VOC	60-29-7	Diethyl Ether	2.	U	UG/L	2.	U	UG/L			
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L	2.	U	UG/L			
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L	2.	U	UG/L			
VOC	100-41-4	Ethylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L	2.	U	UG/L			
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	75-09-2	Methylene Chloride	2.	U	UG/L	2.	U	UG/L			
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L	2.	U	UG/L			
VOC	V-91-20-3	Naphthalene	2.	U	UG/L	2.	U	UG/L			
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L	2.	U	UG/L			
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	100-42-5	Styrene	2.	U	UG/L	2.	U	UG/L			
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L	2.	U	UG/L			
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L	2.	U	UG/L			
VOC	108-88-3	Toluene	2.	U	UG/L	2.	U	UG/L			
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L			
VOC	79-01-6	Trichloroethene	2.	U	UG/L	2.	U	UG/L			
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L	2.	U	UG/L			
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L	2.	U	UG/L			
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L	2.	U	UG/L			
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L	2.	U	UG/L			
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L	2.	U	UG/L			
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L	2.	U	UG/L			
VOC	17060-07-0	1,2-Dichloroethane-D4	108.		PCT_REC	106.		PCT_REC			
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L			
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L	2.	U	UG/L			
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L	2.	U	UG/L			
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L	2.	U	UG/L			
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L			
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L			
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L	100.	U	UG/L			
VOC	78-93-3	2-Butanone	2.	U	UG/L	2.	U	UG/L			
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L	2.	U	UG/L			
VOC	591-78-6	2-Hexanone	2.	U	UG/L	2.	U	UG/L			
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L			
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L	2.	U	UG/L			
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L	2.	U	UG/L			
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L	4.	U	UG/L			
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L	6.	U	UG/L			
VOCSURR	1868-53-7	Dibromofluoromethane	101.		PCT_REC	104.		PCT_REC			
VOCSURR	2037-26-5	Toluene-D8	91.		PCT_REC	102.		PCT_REC			
VOCSURR	460-00-4	4-Bromofluorobenzene	98.		PCT_REC	101.		PCT_REC			

		Station Id	MW-4A			MW-4A			MW-5		
		Northing	2701422.			2701422.			2701437.		
		Easting	814875.			814875.			814876.		
		Depth Top	24.46			24.46			19.03		
		Depth Unit	FT			FT			FT		
		Start Date	11/07/2008			11/07/2008			11/06/2008		
		Samp Id	MW-04A-110708			MW-04A-110708			MW-005-110608		
		Matrix	GW			GW			GW		
		Field Qc Code	SA			SA			SA		
		Lab Qc Code	SA			SADL1			SA		
		Fraction	TOTAL			TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016				1.4	UD	UG/L	0.049	UJ	UG/L
AR	11104-28-2	Aroclor 1221				1.4	UD	UG/L	0.049	UJ	UG/L
AR	11141-16-5	Aroclor 1232				1.4	UD	UG/L	0.049	UJ	UG/L
AR	53469-21-9	Aroclor 1242				1.4	UD	UG/L	0.049	UJ	UG/L
AR	12672-29-6	Aroclor 1248				1.4	UD	UG/L	0.049	UJ	UG/L
AR	11097-69-1	Aroclor 1254				1.4	UD	UG/L	0.032	J	UG/L
AR	11096-82-5	Aroclor 1260				1.4	UD	UG/L	0.049	UJ	UG/L
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate				60.		PCT_REC	72.		PCT_REC
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate				1,508.		PCT_REC	82.		PCT_REC
MET	7440-43-9	Cadmium	0.02744		UG/L				0.05179		UG/L
MET	7440-47-3	Chromium	5.618		UG/L				4.04		UG/L
MET	7440-50-8	Copper	2.27		UG/L				2.102		UG/L
MET	7439-92-1	Lead	0.1748	U	UG/L				0.274	U	UG/L
SVOC	109-99-9	Tetrahydrofuran	2.	U	UG/L				2.	U	UG/L
TSS	TSS	Total suspended solids									
VOC	67-64-1	Acetone	5.32		UG/L				5.	U	UG/L
VOC	71-43-2	Benzene	2.	U	UG/L				2.	U	UG/L
VOC	108-86-1	Bromobenzene	2.	U	UG/L				2.	U	UG/L
VOC	74-97-5	Bromochloromethane	2.	U	UG/L				2.	U	UG/L
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L				2.	U	UG/L
VOC	75-25-2	Bromoform	2.	U	UG/L				2.	U	UG/L
VOC	74-83-9	Bromomethane	2.	U	UG/L				2.	U	UG/L
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L				2.	U	UG/L
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L				2.	U	UG/L
VOC	108-90-7	Chlorobenzene	2.	U	UG/L				2.	U	UG/L
VOC	75-00-3	Chloroethane	2.	U	UG/L				2.	U	UG/L
VOC	67-66-3	Chloroform	2.	U	UG/L				2.	U	UG/L
VOC	74-87-3	Chloromethane	2.	U	UG/L				2.	U	UG/L
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L				2.	U	UG/L
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L				2.	U	UG/L
VOC	74-95-3	Dibromomethane	2.	U	UG/L				2.	U	UG/L
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L				2.	U	UG/L
VOC	60-29-7	Diethyl Ether	2.	U	UG/L				2.	U	UG/L
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L				2.	U	UG/L
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L				2.	U	UG/L
VOC	100-41-4	Ethylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L				2.	U	UG/L
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	75-09-2	Methylene Chloride	2.	U	UG/L				2.	U	UG/L
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L				2.	U	UG/L
VOC	V-91-20-3	Naphthalene	2.	U	UG/L				2.	U	UG/L
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L				2.	U	UG/L
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	100-42-5	Styrene	2.	U	UG/L				2.	U	UG/L
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L				2.	U	UG/L
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L				2.	U	UG/L
VOC	108-88-3	Toluene	2.	U	UG/L				2.	U	UG/L
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L				2.	U	UG/L
VOC	79-01-6	Trichloroethene	2.	U	UG/L				2.	U	UG/L
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L				2.	U	UG/L
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L				2.	U	UG/L
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L				2.	U	UG/L
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L				2.	U	UG/L
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L				2.	U	UG/L
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L				2.	U	UG/L
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L				2.	U	UG/L
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L				2.	U	UG/L
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L				2.	U	UG/L
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L				2.	U	UG/L
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L				2.	U	UG/L
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L				2.	U	UG/L
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L				2.	U	UG/L
VOC	17060-07-0	1,2-Dichloroethane-D4	106.		PCT_REC				105.		PCT_REC
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L				2.	U	UG/L
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L				2.	U	UG/L
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L				2.	U	UG/L
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L				2.	U	UG/L
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L				2.	U	UG/L
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L				2.	U	UG/L
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L				2.	U	UG/L
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L				2.	U	UG/L
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L				100.	U	UG/L
VOC	78-93-3	2-Butanone	2.	U	UG/L				2.	U	UG/L
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L				2.	U	UG/L
VOC	591-78-6	2-Hexanone	2.	U	UG/L				2.	U	UG/L
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L				2.	U	UG/L
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L				2.	U	UG/L
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L				2.	U	UG/L
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L				4.	U	UG/L
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L				6.	U	UG/L
VOCSURR	1868-53-7	Dibromofluoromethane	104.		PCT_REC				104.		PCT_REC
VOCSURR	2037-26-5	Toluene-D8	100.		PCT_REC				101.		PCT_REC
VOCSURR	460-00-4	4-Bromofluorobenzene	101.		PCT_REC				99.		PCT_REC

Attachment B
Sawyer Street CDF 2008 Groundwater Monitoring Chemistry Data

		Station Id	MW-6			MW-7A		
		Northing	2701648.			2701234.		
		Easting	814558.			814575.		
		Depth Top	19.19			14.85		
		Depth Unit	FT			FT		
		Start Date	11/06/2008			11/06/2008		
		Samp Id	MW-006-110608			MW-07A-110608		
		Matrix	GW			GW		
		Field Qc Code	SA			SA		
		Lab Qc Code	SA			SA		
		Fraction	TOTAL			TOTAL		
Class	**Param Code**	**Description**	**Result**	**Final Qual**	**Unit**	**Result**	**Final Qual**	**Unit**
AR	12674-11-2	Aroclor 1016	0.047	UJ	UG/L	0.048	U	UG/L
AR	11104-28-2	Aroclor 1221	0.047	UJ	UG/L	0.048	U	UG/L
AR	11141-16-5	Aroclor 1232	0.047	UJ	UG/L	0.048	U	UG/L
AR	53469-21-9	Aroclor 1242	0.047	UJ	UG/L	0.048	U	UG/L
AR	12672-29-6	Aroclor 1248	0.047	UJ	UG/L	0.048	U	UG/L
AR	11097-69-1	Aroclor 1254	0.047	UJ	UG/L	0.048	U	UG/L
AR	11096-82-5	Aroclor 1260	0.047	UJ	UG/L	0.048	U	UG/L
ARSURR	AS-2051-24-3	DecaCB - Aroclor Surrogate	50.		PCT_REC	87.		PCT_REC
ARSURR	AS-877-09-8	Tetrachloro-meta-xylene - Aroclor Surrogate	87.		PCT_REC	110.		PCT_REC
MET	7440-43-9	Cadmium	0.0516		UG/L	0.6483		UG/L
MET	7440-47-3	Chromium	0.3464	U	UG/L	1.011	U	UG/L
MET	7440-50-8	Copper	0.6662	U	UG/L	4.991		UG/L
MET	7439-92-1	Lead	0.1827	U	UG/L	0.02256	U	UG/L
SVOC	109-99-9	Tetrahydrofuran	2.	U	UG/L	2.	U	UG/L
TSS	TSS	Total suspended solids						
VOC	67-64-1	Acetone	23.3		UG/L	5.	U	UG/L
VOC	71-43-2	Benzene	2.	U	UG/L	2.	U	UG/L
VOC	108-86-1	Bromobenzene	2.	U	UG/L	2.	U	UG/L
VOC	74-97-5	Bromochloromethane	2.	U	UG/L	2.	U	UG/L
VOC	75-27-4	Bromodichloromethane	2.	U	UG/L	2.	U	UG/L
VOC	75-25-2	Bromoform	2.	U	UG/L	2.	U	UG/L
VOC	74-83-9	Bromomethane	2.	U	UG/L	2.	U	UG/L
VOC	75-15-0	Carbon Disulfide	2.	U	UG/L	2.	U	UG/L
VOC	56-23-5	Carbon Tetrachloride	2.	U	UG/L	2.	U	UG/L
VOC	108-90-7	Chlorobenzene	2.	U	UG/L	2.	U	UG/L
VOC	75-00-3	Chloroethane	2.	U	UG/L	2.	U	UG/L
VOC	67-66-3	Chloroform	2.	U	UG/L	2.	U	UG/L
VOC	74-87-3	Chloromethane	2.	U	UG/L	2.	U	UG/L
VOC	156-59-2	Cis-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L
VOC	124-48-1	Dibromochloromethane	2.	U	UG/L	2.	U	UG/L
VOC	74-95-3	Dibromomethane	2.	U	UG/L	2.	U	UG/L
VOC	75-71-8	Dichlorodifluoromethane	2.	U	UG/L	2.	U	UG/L
VOC	60-29-7	Diethyl Ether	2.	U	UG/L	2.	U	UG/L
VOC	108-20-3	Di-Isopropyl Ether	2.	U	UG/L	2.	U	UG/L
VOC	637-92-3	Ethyl Tertiary-Butyl Ether	2.	U	UG/L	2.	U	UG/L
VOC	100-41-4	Ethylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	V-87-68-3	Hexachlorobutadiene	2.	U	UG/L	2.	U	UG/L
VOC	98-82-8	Isopropylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	75-09-2	Methylene Chloride	2.	U	UG/L	2.	U	UG/L
VOC	1634-04-4	Methyl-Tert-Butyl-Ether (Mtbe)	2.	U	UG/L	2.	U	UG/L
VOC	V-91-20-3	Naphthalene	2.	U	UG/L	2.	U	UG/L
VOC	104-51-8	N-Butylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	103-65-1	N-Propylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	99-87-6	P-Isopropyltoluene	2.	U	UG/L	2.	U	UG/L
VOC	135-98-8	Sec-Butylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	100-42-5	Styrene	2.	U	UG/L	2.	U	UG/L
VOC	98-06-6	Tert-Butylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	994-05-8	Tertiary-Amyl Methyl Ether	2.	U	UG/L	2.	U	UG/L
VOC	127-18-4	Tetrachloroethene	2.	U	UG/L	2.	U	UG/L
VOC	108-88-3	Toluene	2.	U	UG/L	2.	U	UG/L
VOC	156-60-5	Trans-1,2-Dichloroethene	2.	U	UG/L	2.	U	UG/L
VOC	79-01-6	Trichloroethene	2.	U	UG/L	2.	U	UG/L
VOC	75-69-4	Trichlorofluoromethane	2.	U	UG/L	2.	U	UG/L
VOC	75-01-4	Vinyl Chloride	2.	U	UG/L	2.	U	UG/L
VOC	75-34-3	1,1-Dichloroethane	2.	U	UG/L	2.	U	UG/L
VOC	75-35-4	1,1-Dichloroethene	2.	U	UG/L	2.	U	UG/L
VOC	563-58-6	1,1-Dichloropropene	2.	U	UG/L	2.	U	UG/L
VOC	71-55-6	1,1,1-Trichloroethane	2.	U	UG/L	2.	U	UG/L
VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L
VOC	79-00-5	1,1,2-Trichloroethane	2.	U	UG/L	2.	U	UG/L
VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.	U	UG/L	2.	U	UG/L
VOC	106-93-4	1,2-Dibromoethane	2.	U	UG/L	2.	U	UG/L
VOC	96-12-8	1,2-Dibromo-3-Chloropropane	2.	U	UG/L	2.	U	UG/L
VOC	V-95-50-1	1,2-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L
VOC	107-06-2	1,2-Dichloroethane	2.	U	UG/L	2.	U	UG/L
VOC	17060-07-0	1,2-Dichloroethane-D4	106.		PCT_REC	103.		PCT_REC
VOC	78-87-5	1,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L
VOC	87-61-6	1,2,3-Trichlorobenzene	2.	U	UG/L	2.	U	UG/L
VOC	96-18-4	1,2,3-Trichloropropane	2.	U	UG/L	2.	U	UG/L
VOC	V-120-82-1	1,2,4-Trichlorobenezene	2.	U	UG/L	2.	U	UG/L
VOC	95-63-6	1,2,4-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	V-541-73-1	1,3-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L
VOC	142-28-9	1,3-Dichloropropane	2.	U	UG/L	2.	U	UG/L
VOC	108-67-8	1,3,5-Trimethylbenzene	2.	U	UG/L	2.	U	UG/L
VOC	V-106-46-7	1,4-Dichlorobenzene	2.	U	UG/L	2.	U	UG/L
VOC	123-91-1	1,4-Dioxane (P-Dioxane)	100.	U	UG/L	100.	U	UG/L
VOC	78-93-3	2-Butanone	2.	U	UG/L	2.	U	UG/L
VOC	95-49-8	2-Chlorotoluene	2.	U	UG/L	2.	U	UG/L
VOC	591-78-6	2-Hexanone	2.	U	UG/L	2.	U	UG/L
VOC	594-20-7	2,2-Dichloropropane	2.	U	UG/L	2.	U	UG/L
VOC	106-43-4	4-Chlorotoluene	2.	U	UG/L	2.	U	UG/L
VOC	108-10-1	4-Methyl-2-Pentanone	2.	U	UG/L	2.	U	UG/L
VOC	542-75-6	Total 1,3-Dichloropropene	4.	U	UG/L	4.	U	UG/L
VOC	1330-20-7	Xylene (Total)	6.	U	UG/L	6.	U	UG/L
VOCSURR	1868-53-7	Dibromofluoromethane	99.		PCT_REC	103.		PCT_REC
VOCSURR	2037-26-5	Toluene-D8	91.		PCT_REC	100.		PCT_REC
VOCSURR	460-00-4	4-Bromofluorobenzene	99.		PCT_REC	99.		PCT_REC

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

Attachment B
Code List - Validation Qualifiers

NBHPROD_CODE_LIST		
FIELD_NAME	**CODE**	**DESCR**
VALID_QUAL	D	Result is reported at a secondary dilution factor. Spike and surrogate recoveries may have been diluted below quantifiable levels.
VALID_QUAL	EB	Indicate that sampling error has potentially affected the sample results. Detected in Equipment Blank
VALID_QUAL	J	For organics analysis, indicates an estimated value. The result is less than the reporting limit, but greater than 1/2 reporting limit.
VALID_QUAL	M	EMPC value is associated with this result.
VALID_QUAL	R	For organics analysis, rejected Value. The R qualifier will be assigned by the data validation team.
VALID_QUAL	U	For organics analysis, indicates the compound was analyzed for, but not detected above the reporting limit. ND MAY NOT be used in place of U.
VALID_QUAL	ZZZ	Results were qualified as unused

Laboratory Report – PCB Data

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TestAmerica
South Burlington, VT

Sample Data Summary Package

SDG: 125617

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

June 16, 2008

TestAmerica Laboratories, Inc.

Ms. Yixian Zhang
Battele
397 Washington Street
Duxbury, MA 02332

Re: Laboratory Project No. 28000
Case: 28000; SDG: 125617

Dear Ms. Zhang:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on May 22nd, 2008. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/22/08 ETR No: 125617		
752926	MW-07A-051908	05/19/08	WATER
752926MS	MW-07A-051908MS	05/19/08	WATER
752926MD	MW-07A-051908MSD	05/19/08	WATER
752927	MW-006-051908	05/19/08	WATER
752928	MW-001-051908	05/19/08	WATER
752929	MW-005-052008	05/20/08	WATER
752930	MW-005-052008-REP	05/20/08	WATER
752931	MW-04A-052008	05/20/08	WATER
752932	MW-003-052008	05/20/08	WATER
752933	EB-052008	05/20/08	WATER

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

SW846 8082 – PCB Aroclors:
Due to inherent software limitations, the sample identifications for MW-07A-051908, MW-07A-051908MS, MW-07A-051908MSD, MW-006-051908, MW-001-051908, MW-005-052008, MW-005-052008-REP, MW-04A-052008 and MW-003-052008 were truncated.

The analysis of the method blank, MBLK052508A, exhibited a percent recovery (58%) for the surrogate compound Tetrachloro-m-xylene that was marginally below quality control criteria (60-115%) at 58% on the RTX-5 analytical column only.

The matrix spike duplicate analysis of sample MW-07A-051908 yielded a percent recovery of the surrogate compound Decachlorobiphenyl that exceeded the advisory control limits (60-115%) at 138% on the RTX-5 analytical column only.

30 Community Drive Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

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The analysis of sample MW-006-051908 yielded a percent recovery of the surrogate compound Tetrachloro-m-xylene that was flagged as an outage on the RTX-35 analytical column because the percent recovery (60%) is at the advisory quality control lower limit (60-115%).

The analyses of samples MW-005-052008-REP (132%) and MW-04A-052008 (159%) exhibited percent recoveries of the surrogate compound Decachlorobiphenyl that exceeded the advisory control limits (60-115%) on the RTX-5 column only.

The analyses of samples MW-003-052008 and EB-052008 exhibited percent recoveries of the surrogate compound Tetrachloro-m-0xylene that exceeded the advisory control limits (60-115%) on both analytical columns.

There are select Aroclor 1260 peaks flagged as outages in the Continuing Calibration Verification (CCVs) standards on the RTX-5 analytical column. The averages of the five quantitation peaks in each of these is below 15.0% difference criteria, therefore all the CCVs are within the control criteria.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation. Secondary review was performed by the laboratory on all of the manual integrations within this submittal.

For dual column analyses, the laboratory reported the higher of the two confirmed results for each analyte.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403 Tel: 802 660 1990

CHAIN OF CUSTODY RECORD

Report to:
Company: Battelle
Address: 397 Washington St
Duxbury, MA 02332
Contact: Yixian Zhang
Phone: 781-952-5298
Fax:
Contract/ Quote:

Invoice to:
Company: Same
Address:
Contact:
Phone:
Fax:

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Jessica Fahey
Sampler's Signature: Jessi m Fahey

Proj. No.: G606442
Project Name: NewBedford Harbor - Sawyer St GW

ANALYSIS REQUESTED: PCB Aroclors

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	PCB Aroclors	Lab/Sample ID (Lab Use Only)
W	5/19/08	1241		✓	MW-07A-051908 (extra for MS/MSD) ✓		4			✓	
W	5/19/08	1522		✓	MW-006-051908 ✓		2			✓	
W	5/19/08	1742		✓	MW-001-051908 ✓		2			✓	
W	5/20/08	1015		✓	MW-005-052008 ~~REP~~ (1) ✓		~~3~~ 2			✓	
W	5/20/08	1015		✓	MW-005-052008-REP ✓		1			✓	
W	5/20/08	1227		✓	MW-04A-052008 ✓		2			✓	
W	5/20/08	1432		✓	MW-003-052008 ✓		2			✓	
W	5/20/08	1605		✓	EB-052008 ✓		2			✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jessica m Fahey	5/20/08	1800	[signature]	05.22.08	0945
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks: (1) Please ignore JMF 5/20/08

Client's delivery of samples constitutes acceptance of TestAmerica terms and conditions contained in the Price Schedule.

[1]Matrix: WW - Wastewater, W - Water, S - Soil, L - Liquid, A - Air bag, C - Charcoal Tube, SL - Sludge, O - Oil
[2]Container: VOA - 40 ml vial, A/G - Amber / Or Glass 1 Liter, 250 ml - Glass wide mouth, P/O - Plastic or other

TestAmerica Cannot accept verbal changes. Please Fax written changes to (802) 660-1919

TAL-8234(1007)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – 8082 PCBS

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

005052008REP

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752930

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R101

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07A051908

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752926

Sample wt/vol: 1040 (g/mL) ML Lab File ID: 09JUN080949-R041

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.048	U
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	0.048	U
11096-82-5	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

EB-052008

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752933

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R141

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW001051908

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752928

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R081

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW003052008

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752932

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R131

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor-1016	0.047	U
11104-28-2------	Aroclor-1221	0.047	U
11141-16-5------	Aroclor-1232	0.047	U
53469-21-9------	Aroclor-1242	0.047	U
12672-29-6------	Aroclor-1248	0.047	U
11097-69-1------	Aroclor-1254	0.047	U
11096-82-5------	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW005052008

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752929

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R091

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW006051908

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752927

Sample wt/vol: 1040 (g/mL) ML Lab File ID: 09JUN080949-R071

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.048	U
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	0.048	U
11096-82-5	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW04A052008

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752931

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 09JUN080949-R121

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.043	J
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK052508A

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: MBLK052508A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 09JUN080949-R011

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PBLK_SCU

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: PBLK_SCU

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 09JUN080949-R031

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07A051908MS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752926MS

Sample wt/vol: 1050 (g/mL) ML Lab File ID: 09JUN080949-R051

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.41	
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	0.048	U
11096-82-5	Aroclor-1260	0.42	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07A051908MSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: 752926MD

Sample wt/vol: 1040 (g/mL) ML Lab File ID: 09JUN080949-R061

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/22/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.42	
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	0.048	U
11096-82-5	Aroclor-1260	0.43	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

A052508LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix: (soil/water) WATER Lab Sample ID: A052508LCS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 09JUN080949-R021

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 06/09/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.38	
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.42	

FORM 2
WATER OTHER SURROGATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

GC Column(1): RTX-5 ID: 0.25 (mm) GC Column(2): RTX-35 ID: 0.25 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MBLK052508A	58*	62	92	95			1
02	A052508LCS	62	65	88	100			0
03	PBLK_SCU	105	100	90	105			0
04	07A051908	68	70	88	86			0
05	07A051908MS	66	66	84	92			0
06	07A051908MSD	68	68	138*	91			1
07	MW006051908	62	60*	107	78			1
08	MW001051908	61	64	82	82			0
09	MW005052008	66	66	82	90			0
10	005052008REP	61	64	132*	87			1
11	MW04A052008	80	85	159*	111			1
12	MW003052008	58*	56*	109	77			2
13	EB-052008	58*	58*	85	93			2
14								
15								
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28								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (60-115)
S2 (DCB) = Decachlorobiphenyl (65-115)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER OTHER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix Spike - BATTEL Sample No.: 07A051908

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	0.48	0.0	0.41	85	65-120
Aroclor-1260	0.48	0.0	0.42	88	55-120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.48	0.42	88	3	30	65-120
Aroclor-1260	0.48	0.43	90	2	30	55-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS:

FORM 3
WATER OTHER LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Matrix Spike - Sample No.: A052508LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	0.50		0.38	76	65-120
Aroclor-1260	0.50		0.42	84	55-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 2 outside limits

COMMENTS:

FORM 4
OTHER METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK052508A

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Lab Sample ID: MBLK052508A Lab File ID: 09JUN080949-R011

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 05/25/08

Date Analyzed (1): 06/09/08 Date Analyzed (2): 06/09/08

Time Analyzed (1): 1619 Time Analyzed (2): 1619

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	A052508LCS	A052508LCS	06/09/08	06/09/08
02	07A051908	752926	06/09/08	06/09/08
03	07A051908MS	752926MS	06/09/08	06/09/08
04	07A051908MSD	752926MD	06/09/08	06/09/08
05	MW006051908	752927	06/09/08	06/09/08
06	MW001051908	752928	06/09/08	06/09/08
07	MW005052008	752929	06/09/08	06/09/08
08	005052008REP	752930	06/09/08	06/09/08
09	MW04A052008	752931*	06/09/08	06/09/08
10	MW003052008	752932	06/09/08	06/09/08
11	EB-052008	752933	06/09/08	06/09/08
12				
13				
14				
15				
16				
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21				
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24				

COMMENTS: *-Extract received sulfur cleanup. The associated cleanup blank is PBLK_SCU.

FORM IV OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_1 Calibration Date(s): 06/09/08 06/09/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1041 1507

LAB FILE ID: RF50: 09JUN080925-RF100: 09JUN080925RF200: 09JUN080925
RF400: 09JUN080925RF800: 09JUN080925

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	30.120	27.870	26.940	24.055	22.635
(2)	39.280	36.060	34.145	32.098	30.310
(3)	74.100	68.810	67.535	64.378	64.262
(4)	45.480	43.140	40.840	38.062	36.096
(5)	31.780	30.590	29.420	28.058	26.632
Aroclor-1221			15.945		
(2)			11.230		
(3)			34.740		
(4)			6.340		
(5)			4.360		
Aroclor-1232			29.355		
(2)			16.925		
(3)			17.400		
(4)			31.755		
(5)			20.410		
Aroclor-1242			22.675		
(2)			28.915		
(3)			55.160		
(4)			33.360		
(5)			23.870		
Aroclor-1248			17.185		
(2)			13.600		
(3)			33.860		
(4)			17.860		
(5)			18.915		
Aroclor-1254			22.000		
(2)			19.195		
(3)			38.025		
(4)			13.990		
(5)			49.490		
Aroclor-1260	46.820	43.810	39.845	38.105	37.228
(2)	54.180	50.380	47.690	46.170	45.621
(3)	143.120	135.280	133.425	131.015	138.495
(4)	75.840	70.900	68.855	65.740	68.072
(5)	47.180	43.690	41.505	40.215	38.926
Tetrachloro-m-xylene	1439.000	1338.100	1366.600	1355.325	1385.212
Decachlorobiphenyl	1679.000	1608.300	1570.050	1539.350	1558.975

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_1 Calibration Date(s): 06/09/08 06/09/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1041 1507

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	26.3240000	11.386	20.000	
(2)	AVRG	34.3785000	10.146	20.000	
(3)	AVRG	67.8170000	5.944	20.000	
(4)	AVRG	40.7237500	9.267	20.000	
(5)	AVRG	29.2960000	6.930	20.000	
Aroclor-1221	AVRG	15.9450000	0.000	20.000	<-
(2)	AVRG	11.2300000	0.000	20.000	<-
(3)	AVRG	34.7400000	0.000	20.000	<-
(4)	AVRG	6.34000000	0.000	20.000	<-
(5)	AVRG	4.36000000	0.000	20.000	<-
Aroclor-1232	AVRG	29.3550000	0.000	20.000	<-
(2)	AVRG	16.9250000	0.000	20.000	<-
(3)	AVRG	17.4000000	0.000	20.000	<-
(4)	AVRG	31.7550000	0.000	20.000	<-
(5)	AVRG	20.4100000	0.000	20.000	<-
Aroclor-1242	AVRG	22.6750000	0.000	20.000	<-
(2)	AVRG	28.9150000	0.000	20.000	<-
(3)	AVRG	55.1600000	0.000	20.000	<-
(4)	AVRG	33.3600000	0.000	20.000	<-
(5)	AVRG	23.8700000	0.000	20.000	<-
Aroclor-1248	AVRG	17.1850000	0.000	20.000	<-
(2)	AVRG	13.6000000	0.000	20.000	<-
(3)	AVRG	33.8600000	0.000	20.000	<-
(4)	AVRG	17.8600000	0.000	20.000	<-
(5)	AVRG	18.9150000	0.000	20.000	<-
Aroclor-1254	AVRG	22.0000000	0.000	20.000	<-
(2)	AVRG	19.1950000	0.000	20.000	<-
(3)	AVRG	38.0250000	0.000	20.000	<-
(4)	AVRG	13.9900000	0.000	20.000	<-
(5)	AVRG	49.4900000	0.000	20.000	<-
Aroclor-1260	AVRG	41.1615000	9.837	20.000	
(2)	AVRG	48.8082500	7.222	20.000	
(3)	AVRG	136.267000	3.453	20.000	
(4)	AVRG	69.8815000	5.450	20.000	
(5)	AVRG	42.3032500	7.670	20.000	
Tetrachloro-m-xylene	AVRG	1376.84750	2.814	20.000	
Decachlorobiphenyl	AVRG	1591.13500	3.467	20.000	

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_2 Calibration Date(s): 06/09/08 06/09/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1041 1507

LAB FILE ID: RF50: 09JUN080925-RF100: 09JUN080925RF200: 09JUN080925
RF400: 09JUN080925RF800: 09JUN080925

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	81.440	75.000	71.460	66.640	63.371
(2)	119.140	109.840	105.690	98.550	94.909
(3)	181.300	170.760	168.895	164.502	165.105
(4)	98.460	91.250	87.600	83.650	81.604
(5)	78.420	74.240	71.500	69.265	67.998
Aroclor-1221			46.390		
(2)			30.415		
(3)			91.635		
(4)			14.585		
(5)			18.565		
Aroclor-1232			77.900		
(2)			53.740		
(3)			75.980		
(4)			41.935		
(5)			35.640		
Aroclor-1242			89.160		
(2)			43.550		
(3)			138.135		
(4)			73.595		
(5)			59.965		
Aroclor-1248			47.250		
(2)			80.030		
(3)			37.210		
(4)			30.750		
(5)			35.165		
Aroclor-1254			52.100		
(2)			39.380		
(3)			47.205		
(4)			33.770		
(5)			149.410		
Aroclor-1260	199.360	191.010	180.705	174.160	173.921
(2)	552.420	551.500	561.645	537.118	582.142
(3)	192.400	182.220	179.105	175.598	180.006
(4)	70.280	70.120	67.060	63.205	62.308
(5)	172.760	162.830	161.770	158.062	160.979
Tetrachloro-m-xylene	4249.600	4171.200	4510.800	4385.725	4379.050
Decachlorobiphenyl	4013.600	3928.400	4061.450	4054.550	4011.112

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_2 Calibration Date(s): 06/09/08 06/09/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1041 1507

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	71.5822500	9.896	20.000	
(2)	AVRG	105.625750	9.048	20.000	
(3)	AVRG	170.112500	3.983	20.000	
(4)	AVRG	88.5127500	7.550	20.000	
(5)	AVRG	72.2845000	5.770	20.000	
Aroclor-1221	AVRG	46.3900000	0.000	20.000	<-
(2)	AVRG	30.4150000	0.000	20.000	<-
(3)	AVRG	91.6350000	0.000	20.000	<-
(4)	AVRG	14.5850000	0.000	20.000	<-
(5)	AVRG	18.5650000	0.000	20.000	<-
Aroclor-1232	AVRG	77.9000000	0.000	20.000	<-
(2)	AVRG	53.7400000	0.000	20.000	<-
(3)	AVRG	75.9800000	0.000	20.000	<-
(4)	AVRG	41.9350000	0.000	20.000	<-
(5)	AVRG	35.6400000	0.000	20.000	<-
Aroclor-1242	AVRG	89.1600000	0.000	20.000	<-
(2)	AVRG	43.5500000	0.000	20.000	<-
(3)	AVRG	138.135000	0.000	20.000	<-
(4)	AVRG	73.5950000	0.000	20.000	<-
(5)	AVRG	59.9650000	0.000	20.000	<-
Aroclor-1248	AVRG	47.2500000	0.000	20.000	<-
(2)	AVRG	80.0300000	0.000	20.000	<-
(3)	AVRG	37.2100000	0.000	20.000	<-
(4)	AVRG	30.7500000	0.000	20.000	<-
(5)	AVRG	35.1650000	0.000	20.000	<-
Aroclor-1254	AVRG	52.1000000	0.000	20.000	<-
(2)	AVRG	39.3800000	0.000	20.000	<-
(3)	AVRG	47.2050000	0.000	20.000	<-
(4)	AVRG	33.7700000	0.000	20.000	<-
(5)	AVRG	149.410000	0.000	20.000	<-
Aroclor-1260	AVRG	183.831250	6.046	20.000	
(2)	AVRG	556.965000	2.978	20.000	
(3)	AVRG	181.865750	3.493	20.000	
(4)	AVRG	66.5945000	5.623	20.000	
(5)	AVRG	163.280250	3.422	20.000	
Tetrachloro-m-xylene	AVRG	4339.27500	3.037	20.000	
Decachlorobiphenyl	AVRG	4013.82250	1.320	20.000	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_1 Calibration Date: 06/09/08 Time: 2022

Lab File ID: 09JUN080949-R1 Init. Calib. Date(s): 06/09/08 06/09/08

Init. Calib. Times: 1330 1507

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	26.324	27.410		4.1	15.0	
(2)	34.379	36.020		4.8	15.0	
(3)	67.817	70.250		3.6	15.0	
(4)	40.724	41.275		1.4	15.0	
(5)	29.296	30.160		2.9	15.0	
Aroclor-1260	41.162	40.790		0.9	15.0	
(2)	48.808	48.525		0.6	15.0	
(3)	136.267	135.350		0.7	15.0	
(4)	69.881	86.530		23.8	15.0	<-
(5)	42.303	48.290		14.2	15.0	
Tetrachloro-m-xylene	1376.847	1362.300		1.0	15.0	
Decachlorobiphenyl	1591.135	1554.850		2.3	15.0	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_1 Calibration Date: 06/09/08 Time: 2159

Lab File ID: 09JUN080949-R1 Init. Calib. Date(s): 06/09/08 06/09/08

Init. Calib. Times: 1330 1507

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	26.324	28.050		6.6	15.0	
(2)	34.379	35.980		4.6	15.0	
(3)	67.817	74.000		9.1	15.0	
(4)	40.724	43.550		6.9	15.0	
(5)	29.296	30.895		5.4	15.0	
Aroclor-1260	41.162	40.990		0.4	15.0	
(2)	48.808	46.805		4.1	15.0	
(3)	136.267	137.055		0.6	15.0	
(4)	69.881	81.215		16.2	15.0	<-
(5)	42.303	48.020		13.5	15.0	
Tetrachloro-m-xylene	1376.847	1457.850		5.9	15.0	
Decachlorobiphenyl	1591.135	1491.050		6.3	15.0	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_2 Calibration Date: 06/09/08 Time: 2022

Lab File ID: 09JUN080949-R1 Init. Calib. Date(s): 06/09/08 06/09/08

Init. Calib. Times: 1330 1507

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	71.582	74.615		4.2	15.0
(2)	105.626	108.660		2.9	15.0
(3)	170.112	174.725		2.7	15.0
(4)	88.513	89.975		1.6	15.0
(5)	72.285	73.995		2.4	15.0
Aroclor-1260	183.831	191.860		4.4	15.0
(2)	556.965	599.460		7.6	15.0
(3)	181.866	189.900		4.4	15.0
(4)	66.595	71.720		7.7	15.0
(5)	163.280	166.575		2.0	15.0
Tetrachloro-m-xylene	4339.275	4340.450		0.0	15.0
Decachlorobiphenyl	4013.822	4201.700		4.7	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Instrument ID: 7227_2 Calibration Date: 06/09/08 Time: 2159

Lab File ID: 09JUN080949-R1 Init. Calib. Date(s): 06/09/08 06/09/08

Init. Calib. Times: 1330 1507

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	71.582	73.310		2.4	15.0
(2)	105.626	108.640		2.8	15.0
(3)	170.112	175.845		3.4	15.0
(4)	88.513	90.140		1.8	15.0
(5)	72.285	75.060		3.8	15.0
Aroclor-1260	183.831	187.530		2.0	15.0
(2)	556.965	570.615		2.4	15.0
(3)	181.866	187.430		3.0	15.0
(4)	66.595	70.345		5.6	15.0
(5)	163.280	166.845		2.2	15.0
Tetrachloro-m-xylene	4339.275	4419.250		1.8	15.0
Decachlorobiphenyl	4013.822	4253.850		6.0	15.0

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 06/09/08 06/09/08

Instrument ID: 7227_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.79 DCB: 14.13

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	06/09/08	1041	3.80	14.14
02	AR1232 200PP	AR1232 200PP	06/09/08	1105	3.80	14.14
03	AR1242 200PP	AR1242 200PP	06/09/08	1129	3.80	14.14
04	AR1248 200PP	AR1248 200PP	06/09/08	1153	3.81	14.15
05	AR1254 200PP	AR1254 200PP	06/09/08	1218	3.81	14.14
06	AR1262 200PP	AR1262 200PP	06/09/08	1242	3.81	14.14
07	AR1268 200PP	AR1268 200PP	06/09/08	1306	3.81	14.14
08	AR1660 50PPB	AR1660 50PPB	06/09/08	1330	3.79	14.13
09	AR1660 100PP	AR1660 100PP	06/09/08	1354	3.79	14.13
10	AR1660 200PP	AR1660 200PP	06/09/08	1419	3.79	14.13
11	AR1660 400PP	AR1660 400PP	06/09/08	1443	3.79	14.13
12	AR1660 800PP	AR1660 800PP	06/09/08	1507	3.80	14.14
13	AR1660 ICV	AR1660 ICV	06/09/08	1555	3.80	14.14
14	MBLK052508A	MBLK052508A	06/09/08	1619	3.80	14.14
15	A052508LCS	A052508LCS	06/09/08	1644	3.80	14.14
16	PBLK_SCU	PBLK_SCU	06/09/08	1708	3.80	14.14
17	07A051908	752926	06/09/08	1732	3.80	14.14
18	07A051908MS	752926MS	06/09/08	1756	3.81	14.14
19	07A051908MSD	752926MD	06/09/08	1821	3.81	14.14
20	MW006051908	752927	06/09/08	1845	3.81	14.14
21	MW001051908	752928	06/09/08	1909	3.79	14.13
22	MW005052008	752929	06/09/08	1933	3.79	14.13
23	005052008REP	752930	06/09/08	1957	3.79	14.13
24	AR1660 200PP	AR1660 200PP	06/09/08	2022	3.79	14.13
25	MW04A052008	752931	06/09/08	2046	3.79	14.13
26	MW003052008	752932	06/09/08	2110	3.79	14.13
27	EB-052008	752933	06/09/08	2135	3.79	14.13
28	AR1660 200PP	AR1660 200PP	06/09/08	2159	3.80	14.14
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 06/09/08 06/09/08

Instrument ID: 7227_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.42 DCB: 15.27

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	06/09/08	1041	4.42	15.30
02	AR1232 200PP	AR1232 200PP	06/09/08	1105	4.41	15.29
03	AR1242 200PP	AR1242 200PP	06/09/08	1129	4.42	15.29
04	AR1248 200PP	AR1248 200PP	06/09/08	1153	4.42	15.30
05	AR1254 200PP	AR1254 200PP	06/09/08	1218	4.41	15.29
06	AR1262 200PP	AR1262 200PP	06/09/08	1242	4.42	15.29
07	AR1268 200PP	AR1268 200PP	06/09/08	1306	4.42	15.25
08	AR1660 50PPB	AR1660 50PPB	06/09/08	1330	4.40	15.28
09	AR1660 100PP	AR1660 100PP	06/09/08	1354	4.41	15.28
10	AR1660 200PP	AR1660 200PP	06/09/08	1419	4.40	15.28
11	AR1660 400PP	AR1660 400PP	06/09/08	1443	4.41	15.29
12	AR1660 800PP	AR1660 800PP	06/09/08	1507	4.41	15.29
13	AR1660 ICV	AR1660 ICV	06/09/08	1555	4.42	15.29
14	MBLK052508A	MBLK052508A	06/09/08	1619	4.41	15.29
15	A052508LCS	A052508LCS	06/09/08	1644	4.41	15.29
16	PBLK_SCU	PBLK_SCU	06/09/08	1708	4.41	15.29
17	07A051908	752926	06/09/08	1732	4.41	15.29
18	07A051908MS	752926MS	06/09/08	1756	4.42	15.30
19	07A051908MSD	752926MD	06/09/08	1821	4.42	15.29
20	MW006051908	752927	06/09/08	1845	4.42	15.29
21	MW001051908	752928	06/09/08	1909	4.40	15.27
22	MW005052008	752929	06/09/08	1933	4.41	15.28
23	005052008REP	752930	06/09/08	1957	4.40	15.28
24	AR1660 200PP	AR1660 200PP	06/09/08	2022	4.41	15.28
25	MW04A052008	752931	06/09/08	2046	4.40	15.28
26	MW003052008	752932	06/09/08	2110	4.41	15.28
27	EB-052008	752933	06/09/08	2135	4.40	15.28
28	AR1660 200PP	AR1660 200PP	06/09/08	2159	4.41	15.29
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

MW04A052008

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Lab Sample ID: 752931 Date(s) Analyzed: 06/09/08 06/09/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
Aroclor-1242 COLUMN 1	1	4.22	4.18	4.28	0.040		
	2	5.36	5.33	5.43	0.041		
	3	5.52	5.47	5.57	0.028		
	4	5.63	5.59	5.69	0.034		
	5					0.036	
COLUMN 2	1	6.02	5.98	6.08	0.075		
	2	6.52	6.49	6.59	0.043		
	3	6.81	6.78	6.88	0.040		
	4	7.11	7.07	7.17	0.021		
	5	7.37	7.34	7.44	0.034	0.043	18
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

07A051908MS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Lab Sample ID: 752926MS Date(s) Analyzed: 06/09/08 06/09/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.23	4.17	4.27	0.39		
Aroclor-1016	2	4.99	4.93	5.03	0.40		
	3	5.38	5.31	5.41	0.41		
COLUMN 1	4	5.52	5.46	5.56	0.41		
	5	5.64	5.58	5.68	0.41	0.40	
	1	5.31	5.23	5.33	0.40		
	2	6.04	5.97	6.07	0.42		
	3	6.84	6.76	6.86	0.38		
COLUMN 2	4	7.13	7.06	7.16	0.41		
	5	7.39	7.32	7.42	0.43	0.41	2.5
	1	10.69	10.62	10.72	0.37		
Aroclor-1260	2	11.29	11.23	11.33	0.39		
	3	11.89	11.83	11.93	0.40		
COLUMN 1	4	12.41	12.35	12.45	0.47		
	5	12.63	12.57	12.67	0.44	0.42	
	1	12.60	12.53	12.63	0.44		
	2	13.38	13.31	13.41	0.44		
	3	13.87	13.80	13.90	0.43		
COLUMN 2	4	14.45	14.38	14.48	0.42		
	5	14.54	14.47	14.57	0.40	0.42	0.0
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

07A051908MSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Lab Sample ID: 752926MD Date(s) Analyzed: 06/09/08 06/09/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.23	4.17	4.27	0.39		
Aroclor-1016	2	4.99	4.93	5.03	0.38		
	3	5.38	5.31	5.41	0.37		
COLUMN 1	4	5.52	5.46	5.56	0.36		
	5	5.64	5.58	5.68	0.36	0.37	
	1	5.30	5.23	5.33	0.40		
	2	6.04	5.97	6.07	0.45		
	3	6.83	6.76	6.86	0.42		
COLUMN 2	4	7.13	7.06	7.16	0.41		
	5	7.39	7.32	7.42	0.41	0.42	13
	1	10.68	10.62	10.72	0.37		
Aroclor-1260	2	11.29	11.23	11.33	0.38		
	3	11.89	11.83	11.93	0.43		
COLUMN 1	4	12.41	12.35	12.45	0.49		
	5	12.63	12.57	12.67	0.45	0.42	
	1	12.59	12.53	12.63	0.45		
	2	13.37	13.31	13.41	0.44		
	3	13.87	13.80	13.90	0.43		
COLUMN 2	4	14.44	14.38	14.48	0.42		
	5	14.54	14.47	14.57	0.43	0.43	2.4
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

A052508LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: 28000 SAS No.: SDG No.: 125617

Lab Sample ID: A052508LCS Date(s) Analyzed: 06/09/08 06/09/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.22	4.17	4.27	0.35		
Aroclor-1016	2	4.99	4.93	5.03	0.35		
	3	5.37	5.31	5.41	0.37		
COLUMN 1	4	5.52	5.46	5.56	0.37		
	5	5.64	5.58	5.68	0.38	0.36	
	1	5.29	5.23	5.33	0.36		
	2	6.03	5.97	6.07	0.40		
	3	6.82	6.76	6.86	0.38		
COLUMN 2	4	7.12	7.06	7.16	0.37		
	5	7.38	7.32	7.42	0.38	0.38	5.4
	1	10.68	10.62	10.72	0.37		
Aroclor-1260	2	11.29	11.23	11.33	0.37		
	3	11.89	11.83	11.93	0.41		
COLUMN 1	4	12.41	12.35	12.45	0.45		
	5	12.63	12.57	12.67	0.43	0.41	
	1	12.59	12.53	12.63	0.42		
	2	13.37	13.31	13.41	0.44		
	3	13.86	13.80	13.90	0.41		
COLUMN 2	4	14.43	14.38	14.48	0.40		
	5	14.53	14.47	14.57	0.41	0.42	2.4
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

TestAmerica
South Burlington, VT

Sample Data Summary Package

SDG: 128692

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

December 29, 2008

TestAmerica Laboratories, Inc.

Ms. Yixian Zhang
Battele
397 Washington Street
Duxbury, MA 02332

Re: Laboratory Project No. 28000
Case: NBH; SDG: 128692

Dear Ms. Zhang:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on November 7th, 2008. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 11/07/08 ETR No: 128692		
774872	MW-07A-110608	11/06/08	WATER
774873	EB-110508	11/05/08	WATER
774874	MW-006-110608	11/06/08	WATER
774875	MW-04B-110508	11/05/08	WATER
774876	MW-04A-110508	11/05/08	WATER
774877	MW-007-110508	11/05/08	WATER
774878	MW-006-110508	11/05/08	WATER
774879	MW-006-110508-REP	11/05/08	WATER

Sawyer Street samples

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

SW846 Method 8082 – PCB Aroclors:
Due to inherent software limitations, the sample identifications for MW-07A-110608, EB-110508, MW-006-110608, MW-04B-110508, MW-04A-110508, MW-007-110508, MW-006-110508 and MW-006-110508-REP were truncated.

Surrogate percent recoveries were below the advisory control limits in sample MW-007-110508. Re-extraction was performed outside of the method holding time yielding results that were within the control limits and both sets of data were formally presented.

The original analyses of samples MW-006-110508 and MW-006-110508-REP were accomplished at a dilution to get the response of the analyte with the highest concentration within the initial calibration range. The original analysis of sample MW-006-110508-REP exhibited percent recoveries of the surrogate Decachlorobiphenyl (DCB) that were below the advisory control limits. This sample was re-extracted outside the method holding time. The

30 Community Drive Suite 11 South Burlington, VT 05403 tel 802.660.1990 fax 802.660.1919 www.testamericainc.com

DCB recoveries improved, but still did not pass the advisory limits. Both sets of data were formally presented. The analysis of sample MW-006-110508 yielded percent recoveries for the surrogate compound Tetrachloro-m-xylene (TCX) that were high in the more concentrated analysis due to matrix related interference. All surrogate recoveries in the dilution analysis for this sample were within the advisory control limits.

The analysis of sample MW-04B-110508 yielded a percent recovery for the surrogate compound Tetrachloro-m-xylene (TCX) that was above the advisory control limits on the RTX-5 column and is attributed to matrix interference.

The analyses of samples EB-110508, MW-04B-110508 and MW-007-110508 appear to have PCB Aroclor peaks in the early (Aroclor1242) region of the chromatogram. The pattern does not match any of the laboratory calibration standards. The laboratory identified the peaks as a "weathered" pattern of Aroclor1242.

The analyses of samples MW-006-110508 and MW-006-110508-REP appear to have PCB peaks in the Aroclor 1254 region of the chromatogram. Peaks in the early region of Aroclor 1254 are relatively large. The overall pattern is not a good match to the laboratory's calibration standard, although the later eluting portion of the Aroclor 1254 pattern does match the calibration standard.

The analysis of the Continuing Calibration Verification (CCV) standard performed on 12/12/08 at 1517 hours (closing CCV for the re-extracts) exhibited a percent difference for the surrogate Decachlorobiphenyl that was marginally outside the control limits (15%) at 15.8% on the RTX-5 analytical column.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation. Secondary review was performed by the laboratory on all of the manual integrations within this submittal. For dual column analyses, the laboratory reported the higher of the two confirmed results for each analyte. Quantitation was performed using peak heights.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

Battelle
The Business of Innovation

Chain of Custody

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

j. No: 606422
Proj. Name: New Bedford Harbor Groundwater
MPLERS: ~~Signature~~ Jessica Tenzer

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	Lab ~~BATTELLE~~ ID	Field ~~CLIENT~~ ID	SAMPLE DESCRIPTION	PEST	PCB – Aroclors	TPH FINGERPRINT	PAH	VOA	TBT	METALS	OTHER	ACIDIFIED	PRESERVED	Total Number of Containers
6/08	0835		MW-07A-110608			✓									2
5/08	1330		① ~~MW-04A~~ EB-110508			✓									2
6/08	1007		MW-006-110608			✓									2

Relinquished by:	Date/Time		Received by:	Date/Time	
[signature]	11/6/08	1130 ② ~~0830~~	[signature]	11/6/08	1130
Relinquished by: [signature]	Date/Time		Received by: [signature]	Date/Time	
	11/6/08	130 pM		11/7/08	1030

Comments:
① please disregard. AEM 11/6/08
② S/B 1130

ORIGINAL

Battelle
The Business of Innovation

Chain of Custody

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

j. No	Proj. Name
56006422	New Buffalo Harbor

MPLERS: Signature: Jessica Tenzar

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	Lab ID ~~BATTELLE ID~~	Field ID ~~CLIENT ID~~	SAMPLE DESCRIPTION	PEST	PCB - Aroclors	TPH FINGERPRINT	PAH	VOA	TBT	METALS	OTHER	ACIDIFIED	PRESERVED	Total Number of Containers
5/08	934		MW-04B-110508			✓									2
5/08	906		MW-04A-110508	Well Dry, use only as needed (half bottle)		✓									2
5/08	1237		MW-007-110508			✓									2
5/08	1244		MW-006-110508			✓									2
5/08	1244		MW-006-110508-REP	Field Duplicate		✓									2

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	11/6/08 0830	[signature]	11/6/08 1130
[signature]	11/6/08 1330	[signature]	11/7/08 1030

Comments:

ORIGINAL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – 8082 PCBS

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774877

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 17DEC080948-R031

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/17/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.048	U
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.25	
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	0.048	U
11096-82-5	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07110508RE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774877R1

Sample wt/vol: 1050 (g/mL) ML Lab File ID: 11DEC081813-R271

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.24	U
11104-28-2	Aroclor-1221	0.24	U
11141-16-5	Aroclor-1232	0.24	U
53469-21-9	Aroclor-1242	18	E
12672-29-6	Aroclor-1248	0.24	U
11097-69-1	Aroclor-1254	0.24	U
11096-82-5	Aroclor-1260	0.24	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

07110508REDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774877R1D1

Sample wt/vol: 1050 (g/mL) ML Lab File ID: 11DEC081813-R281

% Moisture: _____ decanted: (Y/N) -- Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	2.4	U
11104-28-2	Aroclor-1221	2.4	U
11141-16-5	Aroclor-1232	2.4	U
53469-21-9	Aroclor-1242	15	D
12672-29-6	Aroclor-1248	2.4	U
11097-69-1	Aroclor-1254	2.4	U
11096-82-5	Aroclor-1260	2.4	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

10508REP

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774879

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 16DEC081437-R081

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.048	U
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	1.3	E
11096-82-5	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

10508REPDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774879D1

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 16DEC081437-R091

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor-1016	0.24	U
11104-28-2------	Aroclor-1221	0.24	U
11141-16-5------	Aroclor-1232	0.24	U
53469-21-9------	Aroclor-1242	0.24	U
12672-29-6------	Aroclor-1248	0.24	U
11097-69-1------	Aroclor-1254	1.5	D
11096-82-5------	Aroclor-1260	0.24	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

10508REPRE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774879R1

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 11DEC081813-R291

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	1.7	E
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

10508REPREDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774879R1D1

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 11DEC081813-R301

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.24	U
11104-28-2	Aroclor-1221	0.24	U
11141-16-5	Aroclor-1232	0.24	U
53469-21-9	Aroclor-1242	0.24	U
12672-29-6	Aroclor-1248	0.24	U
11097-69-1	Aroclor-1254	1.9	D
11096-82-5	Aroclor-1260	0.24	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

EB-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774873

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 11DEC081813-R131

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.095	
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW006-110608

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774874

Sample wt/vol: 1060 (g/mL) ML Lab File ID: 17DEC080948-R061

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/17/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.047	U
11104-28-2	Aroclor-1221	0.047	U
11141-16-5	Aroclor-1232	0.047	U
53469-21-9	Aroclor-1242	0.047	U
12672-29-6	Aroclor-1248	0.047	U
11097-69-1	Aroclor-1254	0.047	U
11096-82-5	Aroclor-1260	0.047	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW04A-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774876

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R161

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.42	
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.62	
11096-82-5	Aroclor-1260	0.050	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW04B-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774875

Sample wt/vol: 1020 (g/mL) ML Lab File ID: 11DEC081813-R151

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.049	U
11104-28-2	Aroclor-1221	0.049	U
11141-16-5	Aroclor-1232	0.049	U
53469-21-9	Aroclor-1242	0.74	
12672-29-6	Aroclor-1248	0.049	U
11097-69-1	Aroclor-1254	0.15	
11096-82-5	Aroclor-1260	0.049	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW07A-110608

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774872

Sample wt/vol: 1050 (g/mL) ML Lab File ID: 11DEC081813-R121

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor-1016	0.048	U
11104-28-2------	Aroclor-1221	0.048	U
11141-16-5------	Aroclor-1232	0.048	U
53469-21-9------	Aroclor-1242	0.048	U
12672-29-6------	Aroclor-1248	0.048	U
11097-69-1------	Aroclor-1254	0.048	U
11096-82-5------	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

W006110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774878

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 16DEC081437-R051

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.048	U
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11097-69-1	Aroclor-1254	2.6	E
11096-82-5	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

W006110508DL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: 774878D1

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 11DEC081813-R171

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/07/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.19	U
11104-28-2	Aroclor-1221	0.19	U
11141-16-5	Aroclor-1232	0.19	U
53469-21-9	Aroclor-1242	0.19	U
12672-29-6	Aroclor-1248	0.19	U
11097-69-1	Aroclor-1254	2.3	D
11096-82-5	Aroclor-1260	0.19	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK111108E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: MBLK111108E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R091

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK111908E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: MBLK111908E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R251

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PBLK_SCU

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: PBLK_SCU

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R241

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

E111108LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: E111108LCS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R101

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.42	
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.48	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

E111908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix: (soil/water) WATER Lab Sample ID: E111908LCS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R261

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/19/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.40	
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.47	

FORM 2
WATER OTHER SURROGATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

GC Column(1): RTX-5 ID: 0.25 (mm) GC Column(2): RTX-35 ID: 0.25 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MBLK111108E	95	95	105	115			0
02	E111108LCS	92	90	108	115			0
03	MW07A-110608	110	102	81	87			0
04	EB-110508	101	101	103	114			0
05	MW04B-110508	133*	107	82	84			1
06	MW04A-110508	112	112	68	72			0
07	W006110508DL	102	102	70	84			0
08	PBLK_SCU	105	105	105	120*			1
09	MBLK111908E	85	85	90	102			0
10	E111908LCS	82	82	95	110			0
11	07110508RE	60	87	76	94			0
12	07110508REDL	0D	0D	0D	0D			0
13	10508REPRE	87	82	40*	48*			2
14	10508REPREDL	87	85	40D	50D			0
15	W006110508	123*	118*	78	89			2
16	10508REP	70	65	22*	26*			2
17	10508REPDL	68	68	24D	31D			0
18	07110508	18*	1*	2*	2*			4
19	MW006-110608	85	87	42*	50*			2
20								
21								
22								
23								
24								
25								
26								
27								
28								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (60-115)
S2 (DCB) = Decachlorobiphenyl (65-115)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER OTHER LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix Spike - Sample No.: E111108LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	0.50		0.42	84	65-120
Aroclor-1260	0.50		0.48	96	55-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 2 outside limits

COMMENTS:

FORM 3
WATER OTHER LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Matrix Spike - Sample No.: E111908LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	0.50		0.40	80	65-120
Aroclor-1260	0.50		0.47	94	55-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 2 outside limits

COMMENTS:

FORM 4
OTHER METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK111108E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: MBLK111108E Lab File ID: 11DEC081813-R091

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 11/11/08

Date Analyzed (1): 12/12/08 Date Analyzed (2): 12/12/08

Time Analyzed (1): 0419 Time Analyzed (2): 0419

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	E111108LCS	E111108LCS	12/12/08	12/12/08
02	MW07A-110608	774872	12/12/08	12/12/08
03	EB-110508	774873	12/12/08	12/12/08
04	MW04B-110508	774875	12/12/08	12/12/08
05	MW04A-110508	774876	12/12/08	12/12/08
06	W006110508DL	774878D1	12/12/08	12/12/08
07	W006110508	774878	12/16/08	12/16/08
08	10508REP	774879	12/16/08	12/16/08
09	10508REPDL	774879D1	12/16/08	12/16/08
10	07110508	774877	12/17/08	12/17/08
11	MW006-110608	774874	12/17/08	12/17/08
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

COMMENTS:

FORM IV OTHER

FORM 4
OTHER METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK111908E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: MBLK111908E Lab File ID: 11DEC081813-R251

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 11/19/08

Date Analyzed (1): 12/12/08 Date Analyzed (2): 12/12/08

Time Analyzed (1): 1203 Time Analyzed (2): 1203

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	E111908LCS	E111908LCS	12/12/08	12/12/08
02	07110508RE	774877R1	12/12/08	12/12/08
03	07110508REDL	774877R1D1	12/12/08	12/12/08
04	10508REPRE	774879R1	12/12/08	12/12/08
05	10508REPREDL	774879R1D1	12/12/08	12/12/08
06				
07				
08				
09				
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11				
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24				

COMMENTS:

FORM IV OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	68.400	60.980	60.195	53.800	54.086
(2)	91.100	84.620	84.935	77.690	78.871
(3)	168.240	161.030	164.450	161.600	170.071
(4)	98.100	91.490	91.190	85.378	88.218
(5)	65.360	61.650	61.530	58.530	60.472
Aroclor-1221			31.290		
(2)			23.210		
(3)			73.485		
(4)			15.090		
(5)			10.325		
Aroclor-1232			62.850		
(2)			35.790		
(3)			35.800		
(4)			68.215		
(5)			38.365		
Aroclor-1242			46.235		
(2)			63.865		
(3)			127.345		
(4)			68.945		
(5)			46.840		
Aroclor-1248			35.610		
(2)			28.955		
(3)			75.455		
(4)			34.615		
(5)			27.700		
Aroclor-1254			20.670		
(2)			17.225		
(3)			33.905		
(4)			11.705		
(5)			46.015		
Aroclor-1260	56.460	51.350	52.730	46.085	48.255
(2)	62.240	56.690	58.820	54.048	55.618
(3)	144.740	139.280	148.855	139.948	151.529
(4)	82.880	77.860	79.535	74.770	78.899
(5)	60.260	55.100	56.060	50.162	52.846
Aroclor-1262			32.505		
(2)			70.175		
(3)			31.555		
(4)			169.030		
(5)			60.645		
Aroclor-1268			277.510		
(2)			278.855		
(3)			328.090		
(4)			81.420		

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
(5)			1683.300		
Tetrachloro-m-xylene	2551.800	2446.800	2708.400	2543.300	2830.562
Decachlorobiphenyl	4341.400	4249.800	4400.100	4419.375	4392.650

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	59.4922500	10.074	20.000	
(2)	AVRG	83.4432500	6.460	20.000	
(3)	AVRG	165.078250	2.419	20.000	
(4)	AVRG	90.8750000	5.219	20.000	
(5)	AVRG	61.5085000	4.048	20.000	
Aroclor-1221	AVRG	31.2900000	0.000	20.000	<-
(2)	AVRG	23.2100000	0.000	20.000	<-
(3)	AVRG	73.4850000	0.000	20.000	<-
(4)	AVRG	15.0900000	0.000	20.000	<-
(5)	AVRG	10.3250000	0.000	20.000	<-
Aroclor-1232	AVRG	62.8500000	0.000	20.000	<-
(2)	AVRG	35.7900000	0.000	20.000	<-
(3)	AVRG	35.8000000	0.000	20.000	<-
(4)	AVRG	68.2150000	0.000	20.000	<-
(5)	AVRG	38.3650000	0.000	20.000	<-
Aroclor-1242	AVRG	46.2350000	0.000	20.000	<-
(2)	AVRG	63.8650000	0.000	20.000	<-
(3)	AVRG	127.345000	0.000	20.000	<-
(4)	AVRG	68.9450000	0.000	20.000	<-
(5)	AVRG	46.8400000	0.000	20.000	<-
Aroclor-1248	AVRG	35.6100000	0.000	20.000	<-
(2)	AVRG	28.9550000	0.000	20.000	<-
(3)	AVRG	75.4550000	0.000	20.000	<-
(4)	AVRG	34.6150000	0.000	20.000	<-
(5)	AVRG	27.7000000	0.000	20.000	<-
Aroclor-1254	AVRG	20.6700000	0.000	20.000	<-
(2)	AVRG	17.2250000	0.000	20.000	<-
(3)	AVRG	33.9050000	0.000	20.000	<-
(4)	AVRG	11.7050000	0.000	20.000	<-
(5)	AVRG	46.0150000	0.000	20.000	<-
Aroclor-1260	AVRG	50.9760000	7.884	20.000	
(2)	AVRG	57.4830000	5.524	20.000	
(3)	AVRG	144.870250	3.713	20.000	
(4)	AVRG	78.7887500	3.718	20.000	
(5)	AVRG	54.8857500	6.864	20.000	
Aroclor-1262	AVRG	32.5050000	0.000	20.000	<-
(2)	AVRG	70.1750000	0.000	20.000	<-
(3)	AVRG	31.5550000	0.000	20.000	<-
(4)	AVRG	169.030000	0.000	20.000	<-
(5)	AVRG	60.6450000	0.000	20.000	<-
Aroclor-1268	AVRG	277.510000	0.000	20.000	<-
(2)	AVRG	278.855000	0.000	20.000	<-
(3)	AVRG	328.090000	0.000	20.000	<-
(4)	AVRG	81.4200000	0.000	20.000	<-

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
(5)	AVRG	1683.30000	0.000	20.000	<-
Tetrachloro-m-xylene	AVRG	2616.17250	5.816	20.000	
Decachlorobiphenyl	AVRG	4360.66500	1.567	20.000	

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	83.680	75.830	72.380	66.235	64.379
(2)	127.960	118.480	112.805	104.752	102.760
(3)	179.160	169.450	171.465	163.000	164.269
(4)	90.700	84.900	84.755	77.358	75.249
(5)	70.880	67.560	67.630	61.342	61.668
Aroclor-1221			40.815		
(2)			29.250		
(3)			88.905		
(4)			14.465		
(5)			18.475		
Aroclor-1232			77.850		
(2)			53.195		
(3)			71.370		
(4)			36.220		
(5)			28.235		
Aroclor-1242			90.300		
(2)			32.155		
(3)			131.865		
(4)			64.605		
(5)			51.355		
Aroclor-1248			45.250		
(2)			79.285		
(3)			32.250		
(4)			26.320		
(5)			30.675		
Aroclor-1254			46.950		
(2)			34.555		
(3)			40.700		
(4)			27.945		
(5)			113.875		
Aroclor-1260	152.100	134.900	138.640	123.288	125.928
(2)	470.080	448.410	482.650	465.010	478.490
(3)	169.340	158.890	160.410	150.000	146.695
(4)	70.500	66.250	65.030	61.880	59.216
(5)	174.300	159.850	160.275	151.798	155.745
Aroclor-1262			109.770		
(2)			54.585		
(3)			75.740		
(4)			85.195		
(5)			502.860		
Aroclor-1268			653.160		
(2)			559.630		
(3)			539.310		
(4)			140.155		

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
(5)			2155.890		
Tetrachloro-m-xylene	3718.800	3451.600	3605.500	3491.100	3695.388
Decachlorobiphenyl	5976.000	5713.900	5665.550	5371.975	5713.012

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	72.5007500	10.713	20.000	
(2)	AVRG	113.351500	9.106	20.000	
(3)	AVRG	169.468750	3.810	20.000	
(4)	AVRG	82.5922500	7.587	20.000	
(5)	AVRG	65.8160000	6.320	20.000	
Aroclor-1221	AVRG	40.8150000	0.000	20.000	<-
(2)	AVRG	29.2500000	0.000	20.000	<-
(3)	AVRG	88.9050000	0.000	20.000	<-
(4)	AVRG	14.4650000	0.000	20.000	<-
(5)	AVRG	18.4750000	0.000	20.000	<-
Aroclor-1232	AVRG	77.8500000	0.000	20.000	<-
(2)	AVRG	53.1950000	0.000	20.000	<-
(3)	AVRG	71.3700000	0.000	20.000	<-
(4)	AVRG	36.2200000	0.000	20.000	<-
(5)	AVRG	28.2350000	0.000	20.000	<-
Aroclor-1242	AVRG	90.3000000	0.000	20.000	<-
(2)	AVRG	32.1550000	0.000	20.000	<-
(3)	AVRG	131.865000	0.000	20.000	<-
(4)	AVRG	64.6050000	0.000	20.000	<-
(5)	AVRG	51.3550000	0.000	20.000	<-
Aroclor-1248	AVRG	45.2500000	0.000	20.000	<-
(2)	AVRG	79.2850000	0.000	20.000	<-
(3)	AVRG	32.2500000	0.000	20.000	<-
(4)	AVRG	26.3200000	0.000	20.000	<-
(5)	AVRG	30.6750000	0.000	20.000	<-
Aroclor-1254	AVRG	46.9500000	0.000	20.000	<-
(2)	AVRG	34.5550000	0.000	20.000	<-
(3)	AVRG	40.7000000	0.000	20.000	<-
(4)	AVRG	27.9450000	0.000	20.000	<-
(5)	AVRG	113.875000	0.000	20.000	<-
Aroclor-1260	AVRG	134.971000	8.489	20.000	
(2)	AVRG	468.928000	2.856	20.000	
(3)	AVRG	157.067000	5.718	20.000	
(4)	AVRG	64.5752500	6.665	20.000	
(5)	AVRG	160.393500	5.301	20.000	
Aroclor-1262	AVRG	109.770000	0.000	20.000	<-
(2)	AVRG	54.5850000	0.000	20.000	<-
(3)	AVRG	75.7400000	0.000	20.000	<-
(4)	AVRG	85.1950000	0.000	20.000	<-
(5)	AVRG	502.860000	0.000	20.000	<-
Aroclor-1268	AVRG	653.160000	0.000	20.000	<-
(2)	AVRG	559.630000	0.000	20.000	<-
(3)	AVRG	539.310000	0.000	20.000	<-
(4)	AVRG	140.155000	0.000	20.000	<-

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
(5)	AVRG	2155.89000	0.000	20.000	<-
Tetrachloro-m-xylene	AVRG	3592.47750	3.318	20.000	
Decachlorobiphenyl	AVRG	5688.08750	3.777	20.000	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 0507

Lab File ID: 11DEC081813-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	59.660		0.3	15.0
(2)	83.443	85.165		2.1	15.0
(3)	165.078	168.200		1.9	15.0
(4)	90.875	92.325		1.6	15.0
(5)	61.508	63.335		3.0	15.0
Aroclor-1260	50.976	50.050		1.8	15.0
(2)	57.483	55.225		3.9	15.0
(3)	144.870	141.415		2.4	15.0
(4)	78.789	78.455		0.4	15.0
(5)	54.886	54.535		0.6	15.0
Tetrachloro-m-xylene	2616.172	2673.300		2.2	15.0
Decachlorobiphenyl	4360.665	4289.400		1.6	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 1051

Lab File ID: 11DEC081813-R2 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	56.480		5.1	15.0
(2)	83.443	81.020		2.9	15.0
(3)	165.078	167.335		1.4	15.0
(4)	90.875	88.535		2.6	15.0
(5)	61.508	62.470		1.6	15.0
Aroclor-1260	50.976	50.120		1.7	15.0
(2)	57.483	55.695		3.1	15.0
(3)	144.870	141.365		2.4	15.0
(4)	78.789	77.445		1.7	15.0
(5)	54.886	52.735		3.9	15.0
Tetrachloro-m-xylene	2616.172	2462.800		5.9	15.0
Decachlorobiphenyl	4360.665	4388.650		0.6	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 1517

Lab File ID: 11DEC081813-R3 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	59.492	60.895		2.4	15.0	
(2)	83.443	85.860		2.9	15.0	
(3)	165.078	171.720		4.0	15.0	
(4)	90.875	95.590		5.2	15.0	
(5)	61.508	65.450		6.4	15.0	
Aroclor-1260	50.976	54.360		6.6	15.0	
(2)	57.483	58.830		2.3	15.0	
(3)	144.870	153.650		6.1	15.0	
(4)	78.789	80.135		1.7	15.0	
(5)	54.886	55.265		0.7	15.0	
Tetrachloro-m-xylene	2616.172	2746.900		5.0	15.0	
Decachlorobiphenyl	4360.665	3670.000		15.8	15.0	<-

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/16/08 Time: 1326

Lab File ID: 16DEC081234-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	56.335		5.3	15.0
(2)	83.443	78.975		5.4	15.0
(3)	165.078	156.080		5.4	15.0
(4)	90.875	87.700		3.5	15.0
(5)	61.508	59.875		2.6	15.0
Aroclor-1260	50.976	49.790		2.3	15.0
(2)	57.483	54.905		4.5	15.0
(3)	144.870	138.240		4.6	15.0
(4)	78.789	76.550		2.8	15.0
(5)	54.886	52.745		3.9	15.0
Tetrachloro-m-xylene	2616.172	2597.100		0.7	15.0
Decachlorobiphenyl	4360.665	3990.850		8.5	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/16/08 Time: 1841

Lab File ID: 16DEC081437-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	55.205		7.2	15.0
(2)	83.443	77.790		6.8	15.0
(3)	165.078	158.635		3.9	15.0
(4)	90.875	84.910		6.6	15.0
(5)	61.508	58.560		4.8	15.0
Aroclor-1260	50.976	47.700		6.4	15.0
(2)	57.483	54.770		4.7	15.0
(3)	144.870	138.030		4.7	15.0
(4)	78.789	75.010		4.8	15.0
(5)	54.886	52.685		4.0	15.0
Tetrachloro-m-xylene	2616.172	2397.950		8.3	15.0
Decachlorobiphenyl	4360.665	4150.850		4.8	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/17/08 Time: 1015

Lab File ID: 17DEC080948-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	60.895		2.4	15.0
(2)	83.443	84.375		1.1	15.0
(3)	165.078	167.135		1.2	15.0
(4)	90.875	93.775		3.2	15.0
(5)	61.508	64.550		4.9	15.0
Aroclor-1260	50.976	51.535		1.1	15.0
(2)	57.483	57.870		0.7	15.0
(3)	144.870	145.875		0.7	15.0
(4)	78.789	77.945		1.1	15.0
(5)	54.886	54.180		1.3	15.0
Tetrachloro-m-xylene	2616.172	2752.900		5.2	15.0
Decachlorobiphenyl	4360.665	4321.050		0.9	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_1 Calibration Date: 12/17/08 Time: 1217

Lab File ID: 17DEC080948-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	60.850		2.3	15.0
(2)	83.443	83.455		0.0	15.0
(3)	165.078	167.315		1.4	15.0
(4)	90.875	92.810		2.1	15.0
(5)	61.508	63.835		3.8	15.0
Aroclor-1260	50.976	51.180		0.4	15.0
(2)	57.483	57.400		0.1	15.0
(3)	144.870	148.900		2.8	15.0
(4)	78.789	76.415		3.0	15.0
(5)	54.886	55.410		1.0	15.0
Tetrachloro-m-xylene	2616.172	2710.850		3.6	15.0
Decachlorobiphenyl	4360.665	4238.300		2.8	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 0507

Lab File ID: 11DEC081813-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	72.980		0.7	15.0
(2)	113.351	113.265		0.1	15.0
(3)	169.469	172.700		1.9	15.0
(4)	82.592	85.305		3.3	15.0
(5)	65.816	68.465		4.0	15.0
Aroclor-1260	134.971	139.595		3.4	15.0
(2)	468.928	519.625		10.8	15.0
(3)	157.067	168.365		7.2	15.0
(4)	64.575	70.325		8.9	15.0
(5)	160.394	177.765		10.8	15.0
Tetrachloro-m-xylene	3592.478	3650.150		1.6	15.0
Decachlorobiphenyl	5688.087	6337.500		11.4	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 1051

Lab File ID: 11DEC081813-R2 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	69.865		3.6	15.0
(2)	113.351	112.620		0.6	15.0
(3)	169.469	174.240		2.8	15.0
(4)	82.592	84.440		2.2	15.0
(5)	65.816	66.745		1.4	15.0
Aroclor-1260	134.971	140.875		4.4	15.0
(2)	468.928	530.305		13.1	15.0
(3)	157.067	167.825		6.8	15.0
(4)	64.575	70.800		9.6	15.0
(5)	160.394	178.330		11.2	15.0
Tetrachloro-m-xylene	3592.478	3460.550		3.7	15.0
Decachlorobiphenyl	5688.087	6355.900		11.7	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 1517

Lab File ID: 11DEC081813-R3 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	75.585		4.2	15.0
(2)	113.351	115.505		1.9	15.0
(3)	169.469	177.420		4.7	15.0
(4)	82.592	87.655		6.1	15.0
(5)	65.816	69.610		5.8	15.0
Aroclor-1260	134.971	153.145		13.5	15.0
(2)	468.928	532.065		13.5	15.0
(3)	157.067	164.260		4.6	15.0
(4)	64.575	63.315		2.0	15.0
(5)	160.394	155.755		2.9	15.0
Tetrachloro-m-xylene	3592.478	3798.200		5.7	15.0
Decachlorobiphenyl	5688.087	5391.200		5.2	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/16/08 Time: 1326

Lab File ID: 16DEC081234-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	67.770		6.5	15.0
(2)	113.351	106.695		5.9	15.0
(3)	169.469	162.995		3.8	15.0
(4)	82.592	79.265		4.0	15.0
(5)	65.816	63.810		3.0	15.0
Aroclor-1260	134.971	133.030		1.4	15.0
(2)	468.928	517.730		10.4	15.0
(3)	157.067	170.405		8.5	15.0
(4)	64.575	72.285		11.9	15.0
(5)	160.394	174.660		8.9	15.0
Tetrachloro-m-xylene	3592.478	3552.450		1.1	15.0
Decachlorobiphenyl	5688.087	6165.050		8.4	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/16/08 Time: 1841

Lab File ID: 16DEC081437-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	66.695		8.0	15.0
(2)	113.351	108.775		4.0	15.0
(3)	169.469	164.600		2.9	15.0
(4)	82.592	81.140		1.8	15.0
(5)	65.816	64.685		1.7	15.0
Aroclor-1260	134.971	135.035		0.0	15.0
(2)	468.928	503.160		7.3	15.0
(3)	157.067	170.730		8.7	15.0
(4)	64.575	71.385		10.5	15.0
(5)	160.394	172.940		7.8	15.0
Tetrachloro-m-xylene	3592.478	3443.550		4.1	15.0
Decachlorobiphenyl	5688.087	6159.450		8.3	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/17/08 Time: 1015

Lab File ID: 17DEC080948-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	72.501	72.760		0.4	15.0	
(2)	113.351	113.800		0.4	15.0	
(3)	169.469	175.615		3.6	15.0	
(4)	82.592	85.170		3.1	15.0	
(5)	65.816	69.395		5.4	15.0	
Aroclor-1260	134.971	141.265		4.7	15.0	
(2)	468.928	535.350		14.2	15.0	
(3)	157.067	182.860		16.4	15.0	<-
(4)	64.575	75.300		16.6	15.0	<-
(5)	160.394	182.405		13.7	15.0	
Tetrachloro-m-xylene	3592.478	3857.250		7.4	15.0	
Decachlorobiphenyl	5688.087	6449.600		13.4	15.0	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Instrument ID: 7227_2 Calibration Date: 12/17/08 Time: 1217

Lab File ID: 17DEC080948-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	72.501	72.895		0.5	15.0	
(2)	113.351	114.465		1.0	15.0	
(3)	169.469	174.015		2.7	15.0	
(4)	82.592	85.090		3.0	15.0	
(5)	65.816	68.075		3.4	15.0	
Aroclor-1260	134.971	145.960		8.1	15.0	
(2)	468.928	532.535		13.6	15.0	
(3)	157.067	184.135		17.2	15.0	<-
(4)	64.575	75.255		16.5	15.0	<-
(5)	160.394	184.520		15.0	15.0	<-
Tetrachloro-m-xylene	3592.478	3792.050		5.6	15.0	
Decachlorobiphenyl	5688.087	6487.400		14.0	15.0	

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.23 DCB: 13.34

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	12/11/08	1926	3.24	13.34
02	AR1232 200PP	AR1232 200PP	12/11/08	1950	3.24	13.34
03	AR1242 200PP	AR1242 200PP	12/11/08	2014	3.24	13.35
04	AR1248 200PP	AR1248 200PP	12/11/08	2039	3.23	13.34
05	AR1254 200PP	AR1254 200PP	12/11/08	2103	3.23	13.33
06	AR1262 200PP	AR1262 200PP	12/11/08	2127	3.23	13.34
07	AR1268 200PP	AR1268 200PP	12/11/08	2151	3.23	13.33
08	AR1660 50PPB	AR1660 50PPB	12/11/08	2215	3.23	13.33
09	AR1660 100PP	AR1660 100PP	12/11/08	2240	3.23	13.33
10	AR1660 200PP	AR1660 200PP	12/11/08	2304	3.23	13.34
11	AR1660 400PP	AR1660 400PP	12/11/08	2328	3.23	13.34
12	AR1660 800PP	AR1660 800PP	12/11/08	2352	3.23	13.34
13	AR1660 ICV	AR1660 ICV	12/12/08	0041	3.23	13.34
14	MBLK111108E	MBLK111108E	12/12/08	0419	3.23	13.34
15	E111108LCS	E111108LCS	12/12/08	0443	3.23	13.33
16	AR1660 200PP	AR1660 200PP	12/12/08	0507	3.23	13.33
17	MW07A-110608	774872	12/12/08	0648	3.24	13.35
18	EB-110508	774873	12/12/08	0713	3.23	13.34
19	MW04B-110508	774875	12/12/08	0801	3.23	13.34
20	MW04A-110508	774876	12/12/08	0825	3.23	13.34
21	W006110508DL	774878D1	12/12/08	0849	3.24	13.34
22	AR1660 200PP	AR1660 200PP	12/12/08	1051	3.23	13.33
23	PBLK_SCU	PBLK_SCU	12/12/08	1139	3.23	13.34
24	MBLK111908E	MBLK111908E	12/12/08	1203	3.23	13.34
25	E111908LCS	E111908LCS	12/12/08	1227	3.23	13.34
26	07110508RE	774877R1	12/12/08	1252	3.26	13.34
27	07110508REDL	774877R1D1	12/12/08	1316		
28	10508REPRE	774879R1	12/12/08	1340	3.23	13.34
29	10508REPREDL	774879R1D1	12/12/08	1404	3.23	13.34
30	AR1660 200PP	AR1660 200PP	12/12/08	1517	3.24	13.34
31	AR1660 200PP	AR1660 200PP	12/16/08	1326	3.24	13.34
32	W006110508	774878	12/16/08	1616	3.23	13.33

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.23 DCB: 13.34

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	10508REP	774879	12/16/08	1728	3.23	13.33
02	10508REPDL	774879D1	12/16/08	1752	3.23	13.33
03	AR1660 200PP	AR1660 200PP	12/16/08	1841	3.23	13.34
04	AR1660 200PP	AR1660 200PP	12/17/08	1015	3.23	13.33
05	07110508	774877	12/17/08	1040	3.23	13.34
06	MW006-110608	774874	12/17/08	1152	3.21	13.32
07	AR1660 200PP	AR1660 200PP	12/17/08	1217	3.23	13.33
08						
09						
10						
11						
12						
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32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.86 DCB: 14.57

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	12/11/08	1926	3.87	14.58
02	AR1232 200PP	AR1232 200PP	12/11/08	1950	3.87	14.57
03	AR1242 200PP	AR1242 200PP	12/11/08	2014	3.87	14.57
04	AR1248 200PP	AR1248 200PP	12/11/08	2039	3.85	14.56
05	AR1254 200PP	AR1254 200PP	12/11/08	2103	3.85	14.56
06	AR1262 200PP	AR1262 200PP	12/11/08	2127	3.86	14.57
07	AR1268 200PP	AR1268 200PP	12/11/08	2151	3.85	14.56
08	AR1660 50PPB	AR1660 50PPB	12/11/08	2215	3.86	14.57
09	AR1660 100PP	AR1660 100PP	12/11/08	2240	3.86	14.56
10	AR1660 200PP	AR1660 200PP	12/11/08	2304	3.86	14.57
11	AR1660 400PP	AR1660 400PP	12/11/08	2328	3.86	14.57
12	AR1660 800PP	AR1660 800PP	12/11/08	2352	3.86	14.56
13	AR1660 ICV	AR1660 ICV	12/12/08	0041	3.87	14.57
14	MBLK111108E	MBLK111108E	12/12/08	0419	3.85	14.56
15	E111108LCS	E111108LCS	12/12/08	0443	3.85	14.55
16	AR1660 200PP	AR1660 200PP	12/12/08	0507	3.85	14.56
17	MW07A-110608	774872	12/12/08	0648	3.85	14.57
18	EB-110508	774873	12/12/08	0713	3.86	14.57
19	MW04B-110508	774875	12/12/08	0801	3.86	14.57
20	MW04A-110508	774876	12/12/08	0825	3.86	14.57
21	W006110508DL	774878D1	12/12/08	0849	3.86	14.56
22	AR1660 200PP	AR1660 200PP	12/12/08	1051	3.86	14.56
23	PBLK_SCU	PBLK_SCU	12/12/08	1139	3.86	14.57
24	MBLK111908E	MBLK111908E	12/12/08	1203	3.85	14.56
25	E111908LCS	E111908LCS	12/12/08	1227	3.86	14.56
26	07110508RE	774877R1	12/12/08	1252	3.86	14.56
27	07110508REDL	774877R1D1	12/12/08	1316		
28	10508REPRE	774879R1	12/12/08	1340	3.85	14.56
29	10508REPREDL	774879R1D1	12/12/08	1404	3.86	14.57
30	AR1660 200PP	AR1660 200PP	12/12/08	1517	3.86	14.57
31	AR1660 200PP	AR1660 200PP	12/16/08	1326	3.86	14.57
32	W006110508	774878	12/16/08	1616	3.85	14.55

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.86 DCB: 14.57

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	10508REP	774879	12/16/08	1728	3.85	14.56
02	10508REPDL	774879D1	12/16/08	1752	3.86	14.56
03	AR1660 200PP	AR1660 200PP	12/16/08	1841	3.86	14.56
04	AR1660 200PP	AR1660 200PP	12/17/08	1015	3.85	14.55
05	07110508	774877	12/17/08	1040	3.87	14.57
06	MW006-110608	774874	12/17/08	1152	3.84	14.55
07	AR1660 200PP	AR1660 200PP	12/17/08	1217	3.85	14.55
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09						
10						
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30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

07110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774877 Date(s) Analyzed: 12/17/08 12/17/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.59	4.54	4.64	0.21		
Aroclor-1242	2	4.71	4.66	4.76	0.26		
	3	4.80	4.76	4.86	0.29		
COLUMN 1	4						
	5					0.25	
	1	5.88	5.84	5.94	0.21		
	2	6.13	6.09	6.19	0.24		
	3	6.36	6.31	6.41	0.28		
COLUMN 2	4						
	5					0.24	4.1
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

07110508RE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774877R1 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.09	4.03	4.13	27		
Aroclor-1242	2	4.58	4.54	4.64	13		
	3	4.70	4.66	4.76	15		
COLUMN 1	4	4.80	4.76	4.86	17		
	5					18	
	1	5.87	5.84	5.94	13		
	2	6.13	6.09	6.19	13		
	3	6.35	6.31	6.41	16		
COLUMN 2	4						
	5					14	25
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

07110508REDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774877R1D1 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.58	4.54	4.64	13		
Aroclor-1242	2	4.71	4.66	4.76	16		
	3	4.80	4.76	4.86	17		
COLUMN 1	4						
	5					15	
	1	5.87	5.84	5.94	13		
	2	6.12	6.09	6.19	15		
	3	6.35	6.31	6.41	17		
COLUMN 2	4						
	5					15	0.0
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

10508REP

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774879 Date(s) Analyzed: 12/16/08 12/16/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.48	6.43	6.53	0.95		
Aroclor-1254	2	6.78	6.73	6.83	0.99		
	3	6.88	6.83	6.93	0.99		
COLUMN 1	4	6.96	6.91	7.01	1.1		
	5	7.60	7.55	7.65	0.65	0.93	
	1	8.69	8.64	8.74	1.9		
	2	9.02	8.98	9.08	1.3		
	3	9.33	9.29	9.39	1.4		
COLUMN 2	4	9.93	9.88	9.98	0.76		
	5					1.3	33
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

10508REPDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774879D1 Date(s) Analyzed: 12/16/08 12/16/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.48	6.43	6.53	1.2		
Aroclor-1254	2	6.78	6.73	6.83	1.3		
	3	6.88	6.83	6.93	1.1		
COLUMN 1	4	6.96	6.91	7.01	1.4		
	5	7.60	7.55	7.65	0.71	1.1	
	1	8.69	8.64	8.74	2.1		
	2	9.03	8.98	9.08	1.5		
	3	9.34	9.29	9.39	1.5		
COLUMN 2	4	9.93	9.88	9.98	0.78		
	5					1.5	31
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

10508REPRE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774879R1 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.48	6.43	6.53	1.2		
Aroclor-1254	2	6.79	6.73	6.83	1.3		
	3	6.88	6.83	6.93	1.4		
COLUMN 1	4	6.96	6.91	7.01	1.4		
	5	7.61	7.55	7.65	0.88	1.2	
	1	8.69	8.64	8.74	2.4		
	2	9.34	9.29	9.39	1.8		
	3	9.94	9.88	9.98	0.95		
COLUMN 2	4						
	5					1.7	34
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

10508REPREDL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774879R1D1 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.49	6.43	6.53	1.5		
Aroclor-1254	2	6.79	6.73	6.83	1.6		
	3	6.89	6.83	6.93	1.5		
COLUMN 1	4	6.97	6.91	7.01	1.7		
	5	7.61	7.55	7.65	0.93	1.4	
	1	8.70	8.64	8.74	2.7		
	2	9.35	9.29	9.39	1.9		
	3	9.94	9.88	9.98	1.00		
COLUMN 2	4						
	5					1.9	30
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

EB-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774873 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	3.65	3.60	3.70	0.12		
Aroclor-1242	2	4.08	4.03	4.13	0.12		
	3	4.59	4.54	4.64	0.061		
COLUMN 1	4	4.71	4.66	4.76	0.072		
	5	4.80	4.76	4.86	0.079	0.091	
	1	5.22	5.17	5.27	0.12		
	2	5.54	5.50	5.60	0.15		
	3	5.88	5.84	5.94	0.062		
COLUMN 2	4	6.13	6.09	6.19	0.069		
	5	6.35	6.31	6.41	0.078	0.095	4.3
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

MW04A-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774876 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	3.65	3.60	3.70	0.12		
Aroclor-1242	2	4.08	4.03	4.13	0.41		
	3	4.59	4.54	4.64	0.48		
COLUMN 1	4	4.71	4.66	4.76	0.22		
	5	4.80	4.76	4.86	0.36	0.32	
	1	5.21	5.17	5.27	0.44		
	2	5.88	5.84	5.94	0.47		
	3	6.35	6.31	6.41	0.35		
COLUMN 2	4						
	5					0.42	27
	1	6.49	6.43	6.53	0.49		
Aroclor-1254	2	6.79	6.73	6.83	0.50		
	3	6.89	6.83	6.93	0.51		
COLUMN 1	4	6.97	6.91	7.01	0.54		
	5	7.61	7.55	7.65	0.44	0.50	
	1	8.45	8.38	8.48	0.70		
	2	8.70	8.64	8.74	0.65		
	3	9.04	8.98	9.08	0.61		
COLUMN 2	4	9.35	9.29	9.39	0.63		
	5	9.94	9.88	9.98	0.48	0.62	21
	1	9.15	9.10	9.20	0.045		
Aroclor-1260	2	9.72	9.67	9.77	0.058		
	3	10.44	10.39	10.49	0.045		
COLUMN 1	4	11.20	11.15	11.25	0.077		
	5	11.52	11.47	11.57	0.024	0.050	
	1	11.60	11.55	11.65	0.049		
	2	12.56	12.51	12.61	0.057		
	3	13.11	13.06	13.16	0.042		
COLUMN 2	4	13.73	13.68	13.78	0.025		
	5	13.85	13.80	13.90	0.025	0.039	25

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

MW04B-110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774875 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	4.58	4.54	4.64	0.85		
Aroclor-1242	2	4.71	4.66	4.76	0.53		
	3	4.80	4.76	4.86	0.84		
COLUMN 1	4						
	5					0.74	
	1	5.88	5.84	5.94	0.81		
	2	6.13	6.09	6.19	0.45		
	3	6.36	6.31	6.41	0.77		
COLUMN 2	4						
	5					0.68	8.5
	1	6.48	6.43	6.53	0.19		
Aroclor-1254	2	6.78	6.73	6.83	0.12		
	3	6.88	6.83	6.93	0.071		
COLUMN 1	4	6.96	6.91	7.01	0.094		
	5	7.61	7.55	7.65	0.13	0.12	
	1	8.44	8.38	8.48	0.21		
	2	8.70	8.64	8.74	0.15		
	3	9.04	8.98	9.08	0.15		
COLUMN 2	4	9.35	9.29	9.39	0.096		
	5	9.94	9.88	9.98	0.14	0.15	22
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

W006110508

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774878 Date(s) Analyzed: 12/16/08 12/16/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.47	6.43	6.53	1.7		
Aroclor-1254	2	6.77	6.73	6.83	1.8		
	3	6.87	6.83	6.93	1.9		
COLUMN 1	4	6.95	6.91	7.01	2.0		
	5	7.60	7.55	7.65	1.3	1.8	
	1	8.68	8.64	8.74	3.7		
	2	9.02	8.98	9.08	2.6		
	3	9.33	9.29	9.39	2.7		
COLUMN 2	4	9.92	9.88	9.98	1.5		
	5					2.6	36
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

W006110508DL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: 774878D1 Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.49	6.43	6.53	1.8		
Aroclor-1254	2	6.79	6.73	6.83	1.8		
	3	6.89	6.83	6.93	1.7		
COLUMN 1	4	6.97	6.91	7.01	2.0		
	5	7.61	7.55	7.65	1.1	1.7	
	1	8.70	8.64	8.74	3.3		
	2	9.04	8.98	9.08	2.3		
	3	9.35	9.29	9.39	2.4		
COLUMN 2	4	9.94	9.88	9.98	1.2		
	5					2.3	30
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

E111108LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: E111108LCS Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	3.64	3.59	3.69	0.41		
Aroclor-1016	2	4.27	4.23	4.33	0.41		
	3	4.58	4.54	4.64	0.44		
COLUMN 1	4	4.70	4.66	4.76	0.42		
	5	4.79	4.75	4.85	0.44	0.42	
	1	4.58	4.55	4.65	0.41		
	2	5.20	5.16	5.26	0.41		
	3	5.87	5.83	5.93	0.42		
COLUMN 2	4	6.12	6.08	6.18	0.42		
	5	6.34	6.30	6.40	0.43	0.42	0.0
	1	9.14	9.10	9.20	0.43		
Aroclor-1260	2	9.71	9.67	9.77	0.45		
	3	10.43	10.39	10.49	0.47		
COLUMN 1	4	11.19	11.15	11.25	0.46		
	5	11.51	11.47	11.57	0.44	0.45	
	1	11.58	11.55	11.65	0.45		
	2	12.54	12.51	12.61	0.51		
	3	13.10	13.06	13.16	0.49		
COLUMN 2	4	13.71	13.68	13.78	0.47		
	5	13.83	13.80	13.90	0.49	0.48	6.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

E111908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128692

Lab Sample ID: E111908LCS Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	3.64	3.59	3.69	0.38		
Aroclor-1016	2	4.27	4.23	4.33	0.33		
	3	4.58	4.54	4.64	0.39		
COLUMN 1	4	4.70	4.66	4.76	0.40		
	5	4.80	4.75	4.85	0.42	0.38	
	1	4.59	4.55	4.65	0.35		
	2	5.20	5.16	5.26	0.40		
	3	5.87	5.83	5.93	0.43		
COLUMN 2	4	6.13	6.08	6.18	0.42		
	5	6.35	6.30	6.40	0.43	0.40	5.1
	1	9.14	9.10	9.20	0.41		
Aroclor-1260	2	9.71	9.67	9.77	0.41		
	3	10.44	10.39	10.49	0.44		
COLUMN 1	4	11.19	11.15	11.25	0.43		
	5	11.52	11.47	11.57	0.39	0.41	
	1	11.59	11.55	11.65	0.44		
	2	12.55	12.51	12.61	0.51		
	3	13.11	13.06	13.16	0.46		
COLUMN 2	4	13.72	13.68	13.78	0.45		
	5	13.84	13.80	13.90	0.46	0.47	14
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

TestAmerica
South Burlington, VT

Sample Data Summary Package

SDG: 128717

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

December 31, 2008

TestAmerica Laboratories, Inc.

Ms. Yixian Zhang
Battele
Duxbury Operations
397 Washington Street
Duxbury, MA 02332

Re: Laboratory Project No. NBH
Case: NBH; SDG: 128717

Dear Ms. Zhang:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on November 8th, 2008. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 11/08/08 ETR No: 128717		
775142	MW-001-110608	11/06/08	WATER
775143	MW-005-110608	11/06/08	WATER
775144	MW-04A-110708	11/07/08	WATER
775145	MW-003-110708	11/07/08	WATER

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

SW846 Method 8082 – PCB Aroclors:
Due to inherent software limitations, the sample identifications for MW-001-110608, MW-005-110608, MW-04A-110708 and MW-003-110708 were truncated.

Sample MW-04A-110708 exhibited a significant amount of matrix interference in the early region of the chromatogram. The interference exceeded the detector capacity in the 3-fold dilution analysis. A further, 30.3-fold dilution was performed to minimize the matrix effect of the interference in this sample. There were no identifiable Aroclor patterns in this region.

The recoveries of the surrogate compound Tetrachloro-m-xylene (TCX) were outside the advisory control limits (60-115%) in the analysis of the sample MW-04A-110708. The analysis of sample MW-005-110608 yielded a percent recovery of the surrogate compound Decachlorobiphenyl (DCB) on the RTX-5 analytical column that was marginally below the advisory control limits (65-115%) at 64%. However, the DCB percent recovery was within the control limits on the RTX-35 column. The TCX percent recoveries were within the advisory control limits on both columns for sample MW-005-110608. The laboratory attributes these anomalies to matrix interference.

30 Community Drive Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

The analysis of the Continuing Calibration Verification (CCV) standard performed on 12/12/08 at 1517 hours exhibited a percent difference for the surrogate Decachlorobiphenyl that was marginally outside the control limits (15%) at 15.8% on the RTX-5 analytical column.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation. Secondary review was performed by the laboratory on all of the manual integrations within this submittal.

For dual column analyses, the laboratory reported the higher of the two confirmed results for each analyte.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

Ship to: Test America - Burlington

Battelle
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Chain of Custody

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

j. No: 6606422
Proj. Name: NBH - Groundwater

MPLERS: Signature: J. Tenzer, M. Fitzpatrick, P. Curran

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	Lab ID ~~BATTELLE ID~~	Field ID ~~CLIENT ID~~	SAMPLE DESCRIPTION	PEST	PCB	TPH FINGERPRINT	PAH	VOA	TBT	METALS	OTHER	ACIDIFIED	PRESERVED 4°C	Total Number of Containers
16/08	1222		MW-001-110608	Groundwater Location Sawyer St		✓								✓	2
↓	1305		MW-005-110608			✓								✓	2
17/08	0859		MW-04A-110708			✓								✓	2
17/08	①~~1007~~ 0923		MW-003-110708			✓								✓	2
	0923		~~MW-003-110708-PCB, REP~~ ②			✓									~~2~~ ③

Relinquished by:	Date/Time		Received by:	Date/Time	
J. M. Tenzer	11/7/08	1330	Lab TA Burlington	11/08/08	0940
Relinquished by:	Date/Time		Received by:	Date/Time	

Comments:
① SIB 0923 JMT 11/7/08
~~② SIB MW-003110708-REP~~
③ Please ignore JMT 11/7/08

ORIGINAL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – 8082 PCBS

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW001-110608

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: 775142

Sample wt/vol: 1045 (g/mL) ML Lab File ID: 11DEC081813-R181

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/08/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
11104-28-2	Aroclor-1221	0.048	U
11141-16-5	Aroclor-1232	0.048	U
53469-21-9	Aroclor-1242	0.048	U
12674-11-2	Aroclor-1016	0.048	U
12672-29-6	Aroclor-1248	0.048	U
11096-82-5	Aroclor-1260	0.048	U
11097-69-1	Aroclor-1254	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

MW003-110708

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: 775145

Sample wt/vol: 1050 (g/mL) ML Lab File ID: 11DEC081813-R231

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/08/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (~~ug/L or ug/Kg~~) UG/L	Q
12674-11-2------	Aroclor-1016	0.048	U
11104-28-2------	Aroclor-1221	0.048	U
11141-16-5------	Aroclor-1232	0.048	U
53469-21-9------	Aroclor-1242	0.048	U
12672-29-6------	Aroclor-1248	0.048	U
11097-69-1------	Aroclor-1254	0.048	U
11096-82-5------	Aroclor-1260	0.048	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

W005110608

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: 775143

Sample wt/vol: 1025 (g/mL) ML Lab File ID: 16DEC081437-R011

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/08/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor-1016	0.049	U
11104-28-2------	Aroclor-1221	0.049	U
11141-16-5------	Aroclor-1232	0.049	U
53469-21-9------	Aroclor-1242	0.049	U
12672-29-6------	Aroclor-1248	0.049	U
11097-69-1------	Aroclor-1254	0.032	J
11096-82-5------	Aroclor-1260	0.049	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

W04A110708

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: 775144

Sample wt/vol: 1040 (g/mL) ML Lab File ID: 16DEC081437-R031

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/08/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.14	U
11104-28-2	Aroclor-1221	0.14	U
11141-16-5	Aroclor-1232	0.14	U
53469-21-9	Aroclor-1242	0.14	U
12672-29-6	Aroclor-1248	0.14	U
11097-69-1	Aroclor-1254	0.14	U
11096-82-5	Aroclor-1260	0.14	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

BATTEL SAMPLE NO.

W04A110708DL

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: 775144D1

Sample wt/vol: 1040 (g/mL) ML Lab File ID: 16DEC081437-R041

% Moisture: _____ decanted: (Y/N)___ Date Received: 11/08/08

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2------	Aroclor-1016	1.4	U
11104-28-2------	Aroclor-1221	1.4	U
11141-16-5------	Aroclor-1232	1.4	U
53469-21-9------	Aroclor-1242	1.4	U
12672-29-6------	Aroclor-1248	1.4	U
11097-69-1------	Aroclor-1254	1.4	U
11096-82-5------	Aroclor-1260	1.4	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK111108E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: MBLK111108E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R091

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12674-11-2	Aroclor-1016	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11096-82-5	Aroclor-1260	0.050	U
11097-69-1	Aroclor-1254	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PBLK_SCU

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: PBLK_SCU

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 16DEC081437-R101

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/16/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.050	U
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.050	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

E111108LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix: (soil/water) WATER Lab Sample ID: E111108LCS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 11DEC081813-R101

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/11/08

Concentrated Extract Volume: 1(mL) Date Analyzed: 12/12/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.42	
11104-28-2	Aroclor-1221	0.050	U
11141-16-5	Aroclor-1232	0.050	U
53469-21-9	Aroclor-1242	0.050	U
12672-29-6	Aroclor-1248	0.050	U
11097-69-1	Aroclor-1254	0.050	U
11096-82-5	Aroclor-1260	0.48	

FORM 2
WATER OTHER SURROGATE RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

GC Column(1): RTX-5 ID: 0.25 (mm) GC Column(2): RTX-35 ID: 0.25 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MBLK111108E	95	95	105	115			0
02	E111108LCS	92	90	108	115			0
03	MW001-110608	91	89	68	73			0
04	MW003-110708	94	92	87	94			0
05	W005110608	82	77	64*	72			1
06	W04A110708	0D	109	39D	47D			0
07	W04A110708DL	1508D	23D	47D	60D			0
08	PBLK_SCU	95	95	90	105			0
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (60-115)
S2 (DCB) = Decachlorobiphenyl (65-115)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER OTHER LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Matrix Spike - Sample No.: E111108LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	0.50		0.42	84	65-120
Aroclor-1260	0.50		0.48	96	55-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 2 outside limits

COMMENTS:

FORM 4
OTHER METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK111108E

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Lab Sample ID: MBLK111108E Lab File ID: 11DEC081813-R091

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 11/11/08

Date Analyzed (1): 12/12/08 Date Analyzed (2): 12/12/08

Time Analyzed (1): 0419 Time Analyzed (2): 0419

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	E111108LCS	E111108LCS	12/12/08	12/12/08
02	MW001-110608	775142	12/12/08	12/12/08
03	MW003-110708	775145	12/12/08	12/12/08
04	W005110608	775143*	12/16/08	12/16/08
05	W04A110708	775144	12/16/08	12/16/08
06	W04A110708DL	775144D1	12/16/08	12/16/08
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

COMMENTS: *-Sample extract received sulfur cleanup. The associated cleanup blank is PBLK_SCU.

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	68.400	60.980	60.195	53.800	54.086
(2)	91.100	84.620	84.935	77.690	78.871
(3)	168.240	161.030	164.450	161.600	170.071
(4)	98.100	91.490	91.190	85.378	88.218
(5)	65.360	61.650	61.530	58.530	60.472
Aroclor-1221			31.290		
(2)			23.210		
(3)			73.485		
(4)			15.090		
(5)			10.325		
Aroclor-1232			62.850		
(2)			35.790		
(3)			35.800		
(4)			68.215		
(5)			38.365		
Aroclor-1242			46.235		
(2)			63.865		
(3)			127.345		
(4)			68.945		
(5)			46.840		
Aroclor-1248			35.610		
(2)			28.955		
(3)			75.455		
(4)			34.615		
(5)			27.700		
Aroclor-1254			20.670		
(2)			17.225		
(3)			33.905		
(4)			11.705		
(5)			46.015		
Aroclor-1260	56.460	51.350	52.730	46.085	48.255
(2)	62.240	56.690	58.820	54.048	55.618
(3)	144.740	139.280	148.855	139.948	151.529
(4)	82.880	77.860	79.535	74.770	78.899
(5)	60.260	55.100	56.060	50.162	52.846
Aroclor-1262			32.505		
(2)			70.175		
(3)			31.555		
(4)			169.030		
(5)			60.645		
Aroclor-1268			277.510		
(2)			278.855		
(3)			328.090		
(4)			81.420		

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
(5)			1683.300		
Tetrachloro-m-xylene	2551.800	2446.800	2708.400	2543.300	2830.562
Decachlorobiphenyl	4341.400	4249.800	4400.100	4419.375	4392.650

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	59.4922500	10.074	20.000	
(2)	AVRG	83.4432500	6.460	20.000	
(3)	AVRG	165.078250	2.419	20.000	
(4)	AVRG	90.8750000	5.219	20.000	
(5)	AVRG	61.5085000	4.048	20.000	
Aroclor-1221	AVRG	31.2900000	0.000	20.000	<-
(2)	AVRG	23.2100000	0.000	20.000	<-
(3)	AVRG	73.4850000	0.000	20.000	<-
(4)	AVRG	15.0900000	0.000	20.000	<-
(5)	AVRG	10.3250000	0.000	20.000	<-
Aroclor-1232	AVRG	62.8500000	0.000	20.000	<-
(2)	AVRG	35.7900000	0.000	20.000	<-
(3)	AVRG	35.8000000	0.000	20.000	<-
(4)	AVRG	68.2150000	0.000	20.000	<-
(5)	AVRG	38.3650000	0.000	20.000	<-
Aroclor-1242	AVRG	46.2350000	0.000	20.000	<-
(2)	AVRG	63.8650000	0.000	20.000	<-
(3)	AVRG	127.345000	0.000	20.000	<-
(4)	AVRG	68.9450000	0.000	20.000	<-
(5)	AVRG	46.8400000	0.000	20.000	<-
Aroclor-1248	AVRG	35.6100000	0.000	20.000	<-
(2)	AVRG	28.9550000	0.000	20.000	<-
(3)	AVRG	75.4550000	0.000	20.000	<-
(4)	AVRG	34.6150000	0.000	20.000	<-
(5)	AVRG	27.7000000	0.000	20.000	<-
Aroclor-1254	AVRG	20.6700000	0.000	20.000	<-
(2)	AVRG	17.2250000	0.000	20.000	<-
(3)	AVRG	33.9050000	0.000	20.000	<-
(4)	AVRG	11.7050000	0.000	20.000	<-
(5)	AVRG	46.0150000	0.000	20.000	<-
Aroclor-1260	AVRG	50.9760000	7.884	20.000	
(2)	AVRG	57.4830000	5.524	20.000	
(3)	AVRG	144.870250	3.713	20.000	
(4)	AVRG	78.7887500	3.718	20.000	
(5)	AVRG	54.8857500	6.864	20.000	
Aroclor-1262	AVRG	32.5050000	0.000	20.000	<-
(2)	AVRG	70.1750000	0.000	20.000	<-
(3)	AVRG	31.5550000	0.000	20.000	<-
(4)	AVRG	169.030000	0.000	20.000	<-
(5)	AVRG	60.6450000	0.000	20.000	<-
Aroclor-1268	AVRG	277.510000	0.000	20.000	<-
(2)	AVRG	278.855000	0.000	20.000	<-
(3)	AVRG	328.090000	0.000	20.000	<-
(4)	AVRG	81.4200000	0.000	20.000	<-

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-5 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
(5)	AVRG	1683.30000	0.000	20.000	<-
Tetrachloro-m-xylene	AVRG	2616.17250	5.816	20.000	
Decachlorobiphenyl	AVRG	4360.66500	1.567	20.000	

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
Aroclor-1016	83.680	75.830	72.380	66.235	64.379
(2)	127.960	118.480	112.805	104.752	102.760
(3)	179.160	169.450	171.465	163.000	164.269
(4)	90.700	84.900	84.755	77.358	75.249
(5)	70.880	67.560	67.630	61.342	61.668
Aroclor-1221			40.815		
(2)			29.250		
(3)			88.905		
(4)			14.465		
(5)			18.475		
Aroclor-1232			77.850		
(2)			53.195		
(3)			71.370		
(4)			36.220		
(5)			28.235		
Aroclor-1242			90.300		
(2)			32.155		
(3)			131.865		
(4)			64.605		
(5)			51.355		
Aroclor-1248			45.250		
(2)			79.285		
(3)			32.250		
(4)			26.320		
(5)			30.675		
Aroclor-1254			46.950		
(2)			34.555		
(3)			40.700		
(4)			27.945		
(5)			113.875		
Aroclor-1260	152.100	134.900	138.640	123.288	125.928
(2)	470.080	448.410	482.650	465.010	478.490
(3)	169.340	158.890	160.410	150.000	146.695
(4)	70.500	66.250	65.030	61.880	59.216
(5)	174.300	159.850	160.275	151.798	155.745
Aroclor-1262			109.770		
(2)			54.585		
(3)			75.740		
(4)			85.195		
(5)			502.860		
Aroclor-1268			653.160		
(2)			559.630		
(3)			539.310		
(4)			140.155		

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

LAB FILE ID: RF50: 11DEC081808-RF100: 11DEC081808RF200: 11DEC081808
RF400: 11DEC081808RF800: 11DEC081808

COMPOUND	RF50	RF100	RF200	RF400	RF800
(5)			2155.890		
Tetrachloro-m-xylene	3718.800	3451.600	3605.500	3491.100	3695.388
Decachlorobiphenyl	5976.000	5713.900	5665.550	5371.975	5713.012

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	AVRG	72.5007500	10.713	20.000	
(2)	AVRG	113.351500	9.106	20.000	
(3)	AVRG	169.468750	3.810	20.000	
(4)	AVRG	82.5922500	7.587	20.000	
(5)	AVRG	65.8160000	6.320	20.000	
Aroclor-1221	AVRG	40.8150000	0.000	20.000	<-
(2)	AVRG	29.2500000	0.000	20.000	<-
(3)	AVRG	88.9050000	0.000	20.000	<-
(4)	AVRG	14.4650000	0.000	20.000	<-
(5)	AVRG	18.4750000	0.000	20.000	<-
Aroclor-1232	AVRG	77.8500000	0.000	20.000	<-
(2)	AVRG	53.1950000	0.000	20.000	<-
(3)	AVRG	71.3700000	0.000	20.000	<-
(4)	AVRG	36.2200000	0.000	20.000	<-
(5)	AVRG	28.2350000	0.000	20.000	<-
Aroclor-1242	AVRG	90.3000000	0.000	20.000	<-
(2)	AVRG	32.1550000	0.000	20.000	<-
(3)	AVRG	131.865000	0.000	20.000	<-
(4)	AVRG	64.6050000	0.000	20.000	<-
(5)	AVRG	51.3550000	0.000	20.000	<-
Aroclor-1248	AVRG	45.2500000	0.000	20.000	<-
(2)	AVRG	79.2850000	0.000	20.000	<-
(3)	AVRG	32.2500000	0.000	20.000	<-
(4)	AVRG	26.3200000	0.000	20.000	<-
(5)	AVRG	30.6750000	0.000	20.000	<-
Aroclor-1254	AVRG	46.9500000	0.000	20.000	<-
(2)	AVRG	34.5550000	0.000	20.000	<-
(3)	AVRG	40.7000000	0.000	20.000	<-
(4)	AVRG	27.9450000	0.000	20.000	<-
(5)	AVRG	113.875000	0.000	20.000	<-
Aroclor-1260	AVRG	134.971000	8.489	20.000	
(2)	AVRG	468.928000	2.856	20.000	
(3)	AVRG	157.067000	5.718	20.000	
(4)	AVRG	64.5752500	6.665	20.000	
(5)	AVRG	160.393500	5.301	20.000	
Aroclor-1262	AVRG	109.770000	0.000	20.000	<-
(2)	AVRG	54.5850000	0.000	20.000	<-
(3)	AVRG	75.7400000	0.000	20.000	<-
(4)	AVRG	85.1950000	0.000	20.000	<-
(5)	AVRG	502.860000	0.000	20.000	<-
Aroclor-1268	AVRG	653.160000	0.000	20.000	<-
(2)	AVRG	559.630000	0.000	20.000	<-
(3)	AVRG	539.310000	0.000	20.000	<-
(4)	AVRG	140.155000	0.000	20.000	<-

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date(s): 12/11/08 12/11/08

Column: RTX-35 ID: 0.25 (mm) Calibration Time(s): 1926 2352

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2	
(5)	AVRG	2155.89000	0.000	20.000	<-
Tetrachloro-m-xylene	AVRG	3592.47750	3.318	20.000	
Decachlorobiphenyl	AVRG	5688.08750	3.777	20.000	

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 0507

Lab File ID: 11DEC081813-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	59.660		0.3	15.0
(2)	83.443	85.165		2.1	15.0
(3)	165.078	168.200		1.9	15.0
(4)	90.875	92.325		1.6	15.0
(5)	61.508	63.335		3.0	15.0
Aroclor-1260	50.976	50.050		1.8	15.0
(2)	57.483	55.225		3.9	15.0
(3)	144.870	141.415		2.4	15.0
(4)	78.789	78.455		0.4	15.0
(5)	54.886	54.535		0.6	15.0
Tetrachloro-m-xylene	2616.172	2673.300		2.2	15.0
Decachlorobiphenyl	4360.665	4289.400		1.6	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 1051

Lab File ID: 11DEC081813-R2 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	56.480		5.1	15.0
(2)	83.443	81.020		2.9	15.0
(3)	165.078	167.335		1.4	15.0
(4)	90.875	88.535		2.6	15.0
(5)	61.508	62.470		1.6	15.0
Aroclor-1260	50.976	50.120		1.7	15.0
(2)	57.483	55.695		3.1	15.0
(3)	144.870	141.365		2.4	15.0
(4)	78.789	77.445		1.7	15.0
(5)	54.886	52.735		3.9	15.0
Tetrachloro-m-xylene	2616.172	2462.800		5.9	15.0
Decachlorobiphenyl	4360.665	4388.650		0.6	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date: 12/12/08 Time: 1517

Lab File ID: 11DEC081813-R3 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D	
Aroclor-1016	59.492	60.895		2.4	15.0	
(2)	83.443	85.860		2.9	15.0	
(3)	165.078	171.720		4.0	15.0	
(4)	90.875	95.590		5.2	15.0	
(5)	61.508	65.450		6.4	15.0	
Aroclor-1260	50.976	54.360		6.6	15.0	
(2)	57.483	58.830		2.3	15.0	
(3)	144.870	153.650		6.1	15.0	
(4)	78.789	80.135		1.7	15.0	
(5)	54.886	55.265		0.7	15.0	
Tetrachloro-m-xylene	2616.172	2746.900		5.0	15.0	
Decachlorobiphenyl	4360.665	3670.000		15.8	15.0	<-

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date: 12/16/08 Time: 1326

Lab File ID: 16DEC081234-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	56.335		5.3	15.0
(2)	83.443	78.975		5.4	15.0
(3)	165.078	156.080		5.4	15.0
(4)	90.875	87.700		3.5	15.0
(5)	61.508	59.875		2.6	15.0
Aroclor-1260	50.976	49.790		2.3	15.0
(2)	57.483	54.905		4.5	15.0
(3)	144.870	138.240		4.6	15.0
(4)	78.789	76.550		2.8	15.0
(5)	54.886	52.745		3.9	15.0
Tetrachloro-m-xylene	2616.172	2597.100		0.7	15.0
Decachlorobiphenyl	4360.665	3990.850		8.5	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_1 Calibration Date: 12/16/08 Time: 1841

Lab File ID: 16DEC081437-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	59.492	55.205		7.2	15.0
(2)	83.443	77.790		6.8	15.0
(3)	165.078	158.635		3.9	15.0
(4)	90.875	84.910		6.6	15.0
(5)	61.508	58.560		4.8	15.0
Aroclor-1260	50.976	47.700		6.4	15.0
(2)	57.483	54.770		4.7	15.0
(3)	144.870	138.030		4.7	15.0
(4)	78.789	75.010		4.8	15.0
(5)	54.886	52.685		4.0	15.0
Tetrachloro-m-xylene	2616.172	2397.950		8.3	15.0
Decachlorobiphenyl	4360.665	4150.850		4.8	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 0507

Lab File ID: 11DEC081813-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	72.980		0.7	15.0
(2)	113.351	113.265		0.1	15.0
(3)	169.469	172.700		1.9	15.0
(4)	82.592	85.305		3.3	15.0
(5)	65.816	68.465		4.0	15.0
Aroclor-1260	134.971	139.595		3.4	15.0
(2)	468.928	519.625		10.8	15.0
(3)	157.067	168.365		7.2	15.0
(4)	64.575	70.325		8.9	15.0
(5)	160.394	177.765		10.8	15.0
Tetrachloro-m-xylene	3592.478	3650.150		1.6	15.0
Decachlorobiphenyl	5688.087	6337.500		11.4	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 1051

Lab File ID: 11DEC081813-R2 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	69.865		3.6	15.0
(2)	113.351	112.620		0.6	15.0
(3)	169.469	174.240		2.8	15.0
(4)	82.592	84.440		2.2	15.0
(5)	65.816	66.745		1.4	15.0
Aroclor-1260	134.971	140.875		4.4	15.0
(2)	468.928	530.305		13.1	15.0
(3)	157.067	167.825		6.8	15.0
(4)	64.575	70.800		9.6	15.0
(5)	160.394	178.330		11.2	15.0
Tetrachloro-m-xylene	3592.478	3460.550		3.7	15.0
Decachlorobiphenyl	5688.087	6355.900		11.7	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date: 12/12/08 Time: 1517

Lab File ID: 11DEC081813-R3 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	75.585		4.2	15.0
(2)	113.351	115.505		1.9	15.0
(3)	169.469	177.420		4.7	15.0
(4)	82.592	87.655		6.1	15.0
(5)	65.816	69.610		5.8	15.0
Aroclor-1260	134.971	153.145		13.5	15.0
(2)	468.928	532.065		13.5	15.0
(3)	157.067	164.260		4.6	15.0
(4)	64.575	63.315		2.0	15.0
(5)	160.394	155.755		2.9	15.0
Tetrachloro-m-xylene	3592.478	3798.200		5.7	15.0
Decachlorobiphenyl	5688.087	5391.200		5.2	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date: 12/16/08 Time: 1326

Lab File ID: 16DEC081234-R0 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	67.770		6.5	15.0
(2)	113.351	106.695		5.9	15.0
(3)	169.469	162.995		3.8	15.0
(4)	82.592	79.265		4.0	15.0
(5)	65.816	63.810		3.0	15.0
Aroclor-1260	134.971	133.030		1.4	15.0
(2)	468.928	517.730		10.4	15.0
(3)	157.067	170.405		8.5	15.0
(4)	64.575	72.285		11.9	15.0
(5)	160.394	174.660		8.9	15.0
Tetrachloro-m-xylene	3592.478	3552.450		1.1	15.0
Decachlorobiphenyl	5688.087	6165.050		8.4	15.0

FORM 7
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Instrument ID: 7227_2 Calibration Date: 12/16/08 Time: 1841

Lab File ID: 16DEC081437-R1 Init. Calib. Date(s): 12/11/08 12/11/08

Init. Calib. Times: 2215 2352

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF200	MIN RRF	%D	MAX %D
Aroclor-1016	72.501	66.695		8.0	15.0
(2)	113.351	108.775		4.0	15.0
(3)	169.469	164.600		2.9	15.0
(4)	82.592	81.140		1.8	15.0
(5)	65.816	64.685		1.7	15.0
Aroclor-1260	134.971	135.035		0.0	15.0
(2)	468.928	503.160		7.3	15.0
(3)	157.067	170.730		8.7	15.0
(4)	64.575	71.385		10.5	15.0
(5)	160.394	172.940		7.8	15.0
Tetrachloro-m-xylene	3592.478	3443.550		4.1	15.0
Decachlorobiphenyl	5688.087	6159.450		8.3	15.0

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.23 DCB: 13.34

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	12/11/08	1926	3.24	13.34
02	AR1232 200PP	AR1232 200PP	12/11/08	1950	3.24	13.34
03	AR1242 200PP	AR1242 200PP	12/11/08	2014	3.24	13.35
04	AR1248 200PP	AR1248 200PP	12/11/08	2039	3.23	13.34
05	AR1254 200PP	AR1254 200PP	12/11/08	2103	3.23	13.33
06	AR1262 200PP	AR1262 200PP	12/11/08	2127	3.23	13.34
07	AR1268 200PP	AR1268 200PP	12/11/08	2151	3.23	13.33
08	AR1660 50PPB	AR1660 50PPB	12/11/08	2215	3.23	13.33
09	AR1660 100PP	AR1660 100PP	12/11/08	2240	3.23	13.33
10	AR1660 200PP	AR1660 200PP	12/11/08	2304	3.23	13.34
11	AR1660 400PP	AR1660 400PP	12/11/08	2328	3.23	13.34
12	AR1660 800PP	AR1660 800PP	12/11/08	2352	3.23	13.34
13	AR1660 ICV	AR1660 ICV	12/12/08	0041	3.23	13.34
14	MBLK111108E	MBLK111108E	12/12/08	0419	3.23	13.34
15	E111108LCS	E111108LCS	12/12/08	0443	3.23	13.33
16	AR1660 200PP	AR1660 200PP	12/12/08	0507	3.23	13.33
17	MW001-110608	775142	12/12/08	0914	3.24	13.34
18	AR1660 200PP	AR1660 200PP	12/12/08	1051	3.23	13.33
19	MW003-110708	775145	12/12/08	1115	3.23	13.33
20	AR1660 200PP	AR1660 200PP	12/12/08	1517	3.24	13.34
21	AR1660 200PP	AR1660 200PP	12/16/08	1326	3.24	13.34
22	W005110608	775143	12/16/08	1439	3.24	13.33
23	W04A110708	775144	12/16/08	1527		13.32
24	W04A110708DL	775144D1	12/16/08	1551	3.19	13.33
25	PBLK_SCU	PBLK_SCU	12/16/08	1816	3.23	13.34
26	AR1660 200PP	AR1660 200PP	12/16/08	1841	3.23	13.34
27						
28						
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 8
OTHER ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 12/11/08 12/11/08

Instrument ID: 7227_2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.86 DCB: 14.57

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1221 200PP	AR1221 200PP	12/11/08	1926	3.87	14.58
02	AR1232 200PP	AR1232 200PP	12/11/08	1950	3.87	14.57
03	AR1242 200PP	AR1242 200PP	12/11/08	2014	3.87	14.57
04	AR1248 200PP	AR1248 200PP	12/11/08	2039	3.85	14.56
05	AR1254 200PP	AR1254 200PP	12/11/08	2103	3.85	14.56
06	AR1262 200PP	AR1262 200PP	12/11/08	2127	3.86	14.57
07	AR1268 200PP	AR1268 200PP	12/11/08	2151	3.85	14.56
08	AR1660 50PPB	AR1660 50PPB	12/11/08	2215	3.86	14.57
09	AR1660 100PP	AR1660 100PP	12/11/08	2240	3.86	14.56
10	AR1660 200PP	AR1660 200PP	12/11/08	2304	3.86	14.57
11	AR1660 400PP	AR1660 400PP	12/11/08	2328	3.86	14.57
12	AR1660 800PP	AR1660 800PP	12/11/08	2352	3.86	14.56
13	AR1660 ICV	AR1660 ICV	12/12/08	0041	3.87	14.57
14	MBLK111108E	MBLK111108E	12/12/08	0419	3.85	14.56
15	E111108LCS	E111108LCS	12/12/08	0443	3.85	14.55
16	AR1660 200PP	AR1660 200PP	12/12/08	0507	3.85	14.56
17	MW001-110608	775142	12/12/08	0914	3.87	14.58
18	AR1660 200PP	AR1660 200PP	12/12/08	1051	3.86	14.56
19	MW003-110708	775145	12/12/08	1115	3.85	14.56
20	AR1660 200PP	AR1660 200PP	12/12/08	1517	3.86	14.57
21	AR1660 200PP	AR1660 200PP	12/16/08	1326	3.86	14.57
22	W005110608	775143	12/16/08	1439	3.85	14.55
23	W04A110708	775144	12/16/08	1527	3.85	14.55
24	W04A110708DL	775144D1	12/16/08	1551	3.86	14.56
25	PBLK_SCU	PBLK_SCU	12/16/08	1816	3.86	14.56
26	AR1660 200PP	AR1660 200PP	12/16/08	1841	3.86	14.56
27						
28						
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

BATTEL SAMPLE NO.

W005110608

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Lab Sample ID: 775143 Date(s) Analyzed: 12/16/08 12/16/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	6.50	6.43	6.53	0.047		
Aroclor-1254	2	6.80	6.73	6.83	0.021		
	3	6.89	6.83	6.93	0.0086		
COLUMN 1	4	6.98	6.91	7.01	0.013		
	5	7.62	7.55	7.65	0.033	0.025	
	1	8.42	8.38	8.48	0.057		
	2	8.68	8.64	8.74	0.021		
	3	9.33	9.29	9.39	0.015		
COLUMN 2	4	9.92	9.88	9.98	0.034		
	5					0.032	25
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

E111108LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28000

Lab Code: STLV Case No.: NBH SAS No.: SDG No.: 128717

Lab Sample ID: E111108LCS Date(s) Analyzed: 12/12/08 12/12/08

Instrument ID (1): 7227_1 Instrument ID (2): 7227_2

GC Column(1): RTX-5 ID: 0.25(mm) GC Column(2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	RPD
	1	3.64	3.59	3.69	0.41		
Aroclor-1016	2	4.27	4.23	4.33	0.41		
	3	4.58	4.54	4.64	0.44		
COLUMN 1	4	4.70	4.66	4.76	0.42		
	5	4.79	4.75	4.85	0.44	0.42	
	1	4.58	4.55	4.65	0.41		
	2	5.20	5.16	5.26	0.41		
	3	5.87	5.83	5.93	0.42		
COLUMN 2	4	6.12	6.08	6.18	0.42		
	5	6.34	6.30	6.40	0.43	0.42	0.0
	1	9.14	9.10	9.20	0.43		
Aroclor-1260	2	9.71	9.67	9.77	0.45		
	3	10.43	10.39	10.49	0.47		
COLUMN 1	4	11.19	11.15	11.25	0.46		
	5	11.51	11.47	11.57	0.44	0.45	
	1	11.58	11.55	11.65	0.45		
	2	12.54	12.51	12.61	0.51		
	3	13.10	13.06	13.16	0.49		
COLUMN 2	4	13.71	13.68	13.78	0.47		
	5	13.83	13.80	13.90	0.49	0.48	6.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

OTHER

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Laboratory Report – Metals Data

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Analytical Chemistry Data Package
Inorganics Analysis

Project: New Bedford Harbor Groundwater, 2008

Analysis of Metals in Groundwater Samples

Battelle Project No. 55280
CF No. 2899

Battelle
. . . Putting Technology To Work

Marine Sciences Laboratory
1529 West Sequim Bay Road
Sequim, WA 98382
(360) 681-4564

CERTIFICATION STATEMENT AND DATA RELEASE

Battelle Marine Sciences Laboratory is releasing the following data set:

New Bedford Harbor Groundwater Water Chemistry

METALS IN WATER

We certify that the data contained within this data set is authentic:

Brenda Lasovan for JMB 6/24/08

Jill M. Brandenberger — Date

MSL Metals Chemistry Project Manager

Janet Cloutier for JMC 6/24/08

Janet Cloutier — Date

MSL QA Officer

BATTELLE MARINE SCIENCES LABORATORIES
Jill Brandenberger, Project Manager
1529 West Sequim Bay Road
Sequim, Washington 98382
(360) 681-4564

NEW BEDFORD HARBOR
GROUNDWATER MONITORING JUNE 2008
Metals in Groundwater
(Units: ug/L)

SPONSOR CODE	Site Description	MSL Code	Date Collected	Date Received	Analysis Date	Cd	Cr	Cu	Pb
					Method:	1638mod	1638mod	1638mod	1638mod
					CAS Code:	7440-43-9	7440-47-3	7440-50-8	7439-92-1
					Achieved MDL	**0.005**	**0.1**	**0.03**	**0.003**
					Achieved QL:	0.02	0.2	0.1	0.01
					PROJECT QL:	0.1	0.5	0.5	0.1
MW-006-051908	MW-6	2899-1	05/19/08	05/22/08	06/06/08	0.0444	2.45	0.453	0.0571
MW-001-051908	MW-1	2899-2	05/19/08	05/22/08	06/06/08	0.249	5.35	0.984	0.739
MW-07A-051908	MW-7A	2899-3	05/19/08	05/22/08	06/06/08	0.711	5.28	4.99	0.0705
MW-005-052008	MW-5	2899-4	05/20/08	05/22/08	06/06/08	0.0460	1.89	1.12	0.0609
MW-005-052008-REP	MW-05	2899-5	05/20/08	05/22/08	06/06/08	0.0434	1.98	1.05	0.0557
MW-005-052008-REP	MW-05	2899-5 DUP	05/20/08	05/22/08	06/06/08	0.0463	1.88	1.07	0.0543
MW-04A-052008	MW-4A	2899-6	05/20/08	05/22/08	06/06/08	0.0277	6.57	1.46	0.0710
MW-003-052008	MW-3	2899-7	05/20/08	05/22/08	06/06/08	0.124	6.36	1.95	0.0849
EB-052008	NA	2899-8	05/20/08	05/22/08	06/06/08	0.0114 J	0.843	0.269	0.0769
METHOD BLANK									
MB		TRM Blank R1				0.005 U	0.1 U	0.03 U	0.003 U
LABORATORY CONTROL SAMPLE RESULTS									
LCS		TRM LCS R1				5.35	5.35	5.41	5.04
		Spiking Level				5	5	5	5
		Percent Recovery, LCS				**107%**	**107%**	**108%**	**101%**

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NEW BEDFORD HARBOR
GROUNDWATER MONITORING JUNE 2008
Metals in Groundwater
(Units: ug/L)

SPONSOR CODE	Site Description	MSL Code	Date Collected	Date Received	Analysis Date	Cd	Cr	Cu	Pb
					Method:	1638mod	1638mod	1638mod	1638mod
					CAS Code:	7440-43-9	7440-47-3	7440-50-8	7439-92-1
					Achieved MDL	**0.005**	**0.1**	**0.03**	**0.003**
					Achieved QL:	0.02	0.2	0.1	0.01
					PROJECT QL:	0.1	0.5	0.5	0.1
MATRIX SPIKE RESULTS									
MS		2899-1 MS				5.34	8.04	5.38	5.31
MSD		2899-1 MSD				5.16	7.83	5.22	5.25
MW-006-051908	MW-6	2899-1	05/19/08	05/22/08	06/06/08	0.0444	2.45	0.453	0.0571
		Spiking Level				5	5	5	5.24
		Percent Recovery, MS				**106%**	**112%**	**99%**	**100%**
		Percent Recovery, MSD				**102%**	**108%**	**95%**	**99%**
		RPD				**4%**	**4%**	**3%**	**1%**
LABORATORY DUPLICATES									
MW-005-052008-REP	MW-05	2899-5	05/20/08	05/22/08	06/06/08	0.0434	1.98	1.05	0.0557
MW-005-052008-REP	MW-05	2899-5 DUP	05/20/08	05/22/08	06/06/08	0.0463	1.88	1.07	0.0543
		Mean				0.0448	1.93	1.06	0.0550
		RPD				**7%**	**5%**	**2%**	**3%**
STANDARD REFERENCE MATERIAL RESULTS									
SRM		TRM 1640 R1				24.2	39.6	92.2	27.6
		certified/ref value				22.79	38.60	85.2	27.89
		range				± 1.6	± 0.96	± 1.20	± 0.14
		Percent Difference, SRM				**6%**	**3%**	**8%**	**1%**

BATTELLE MARINE SCIENCES LABORATORIES
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NEW BEDFORD HARBOR
GROUNDWATER MONITORING JUNE 2008
Metals in Groundwater

B	Blank concentration > RL and sample concentration < 5 times the detected blank
E	Concentration exceeds the range of the calibration curve for that particular analyte.
J	Estimated value as it is less than the reporting limit. The analyte was positively identified; the quantitation is an estimation.
U	Undetected at the method detection limit (MDL): The associated data value is the MDL.
N	QC value outside the accuracy or precision criteria goal

QAPP Data Quality Objectives:

MB	< RL
SRM	Percent Difference ≤25% of true values
MS	75-125 %
MS DUP	≤25% RPD
LCS	85-115%
Field DUP	≤30% RPD

QA/QC NARRATIVE

PROJECT: New Bedford Harbor Groundwater June 2008

PARAMETER: Trace Metals: cadmium (Cd), chromium (Cr), copper (Cu), and lead (Pb)

LABORATORY: Battelle Marine Sciences Laboratory (MSL), Sequim, Washington

MATRIX: Groundwater/Freshwater (salinity < 5 parts per thousand)

SAMPLE CUSTODY AND PROCESSING: Eight trace metals samples were received on 05/22/08. All samples were received in good condition (i.e., no sample containers were broken). The samples were preserved in the field to a pH of <2.0 using double distilled nitric acid. Upon arrival at MSL, two samples were randomly checked to confirm the pH was < 2.0. The cooler temperature was measured upon arrival at MSL and was 5.9°C. This is within the general guideline for temperature of 4 ± 2°C. Samples were assigned a Battelle Central File (CF) identification number (2899) and were entered into Battelle's laboratory information management system.

The following lists information on sample receipt and processing activities:

Lab Sample IDs:	2899*1-8
Description:	Groundwater
Sample collection dates	05/19/08 and 05/20/08
Laboratory arrival date	05/22/08
Cooler temp. on arrival	5.9°C
ICP-MS analysis	06/06/08

DATA QUALITY OBJECTIVES:

Analyte	Analytical Method	LCS Recovery	MS Recovery	SRM Accuracy	Relative Precision	MDL(2) µg/L	QL(2) µg/L
Cd	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.005	0.02
Cr	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.1	0.2
Cu	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.03	0.1
Pb	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.003	0.01

(1) Evaluated on matrix spike duplicates.
(2) PD = Percent Difference from Certified or Reference Value
(3) Annual method detection limit (MDL) study for total recoverable metals in freshwater. Quantitation limit (QL) defined as 3.18* MDL rounded to the nearest 1, 2, or 5.

METHODS: The samples were analyzed for trace metals by inductively coupled plasma-mass spectrometry (ICP-MS) following Battelle SOP MSL-I-022, Determination of Elements in Aqueous and Digestate Samples by ICP-MS. Samples were acid solubilized prior to analysis by ICP-MS in accordance with the total recoverable metals (TRM) method in Battelle SOP MSL-I-022. The analysis guidelines for this procedure are adapted from USEPA Method 1638 Determination of Trace Elements in Ambient Waters by Inductively Coupled Plasma-Mass Spectrometry. The TRM methodology is adapted from USEPA Method 1640 - Determination of Trace Elements in Ambient Waters by On-Line Chelation Preconcentration and Inductively Coupled Plasma-Mass Spectrometry.

Trace metal concentration are reported in units of µg/L. Data were not blank corrected.

QA/QC NARRATIVE

HOLDING TIMES: The recommended holding time for water (calculated from sample collection) is 6 months for trace metals. All samples were analyzed within their respective holding times.

DETECTION LIMITS: The MDLs reported in the tables are freshwater MDLs from the annual freshwater TRM MDL study. Analytical results were reported to the achieved MDL. Data were also flagged to the reporting limit (RL) or quantitation limit (QL) defined as 3.18 times the achieved MDL and rounded to the nearest 1, 2, or 5 based on guidelines from the USEPA.

Data were evaluated and flagged in accordance with the following criteria:

U Undetected at the method detection limit (MDL): The associated data value is the MDL.

J Estimated value as it is less than the reporting limit. The analyte was positively identified; the quantitation is an estimation.

N QC value outside the accuracy or precision criteria goal

B Blank concentration > RL and sample concentration < 5 times the detected blank

METHOD BLANKS: A minimum of one method blank per 20 field samples received was analyzed with each analytical batch. The method blanks were not detected greater than the laboratory MDL.

LABORATORY CONTROL SAMPLE ACCURACY: A minimum of one blank spikes or laboratory control samples (LCS) per 20 field samples received was analyzed with each analytical batch. The LCS sample recoveries were within the QC acceptance criterion of 85-115% recovery for all metals.

MATRIX SPIKE ACCURACY: A minimum of one matrix spike (MS) and matrix spike duplicate (MSD) were analyzed with the samples. The MS/MSD recoveries were within the QC acceptance criterion of 75-125% recovery for all metals.

PRECISION: Precision for this set of samples was assessed by the performance of matrix spikes in duplicate and laboratory duplicates. Precision was expressed as the relative percent difference (RPD) of replicate results. The RPD values were within the QC criterion of ≤25% RPD for all metals.

STANDARD REFERENCE MATERIAL ACCURACY: Standard reference material (SRM) 1640 was analyzed with each analytical batch. SRM accuracy was expressed as the percent difference between the measured and certified or reference values. The percent differences were within the QC acceptance criterion of ≤25% difference for all metals.

Ship to Battelle - Sequim

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

Battelle
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Chain of Custody

Proj. No: G606422

Proj. Name: New Bedford Harbor - GW Sampling Sawyer Street

SAMPLERS: Signature: J. Fahey + M. Fitzpatrick

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	BATTELLE ID	CLIENT ID	SAMPLE DESCRIPTION	PEST	PCB	TPH FINGERPRINT	PAH	VOA	TBT	METALS	OTHER	ACIDIFIED	PRESERVED	Total Number of Containers
5/19/08	1546	MW-006-051908	2899.1	Groundwater ~~MS~~ for MS/MSD							✓				1
	1820	MW-001-051908	2								✓				1
	1315	MW-07A-051908	3								✓				1
5/20/08	1050	MW-005-052008	4								✓				1
	1050	MW-005-052008-REP	5	Replicate							✓				1
		~~MW-06~~	—												
	1301	MW-04A-052008	6								✓				1
	1453	MW-003-052008	7								✓				1
	1620	EB-052008	2899.8								✓				1

Relinquished by:	Date/Time	Received by:	Date/Time
Jessica M Fahey	5/20/08 1800	[signature]	05/22-08 1205
Relinquished by:	Date/Time	Received by:	Date/Time

Comments:

ORIGINAL

cc: Project Manager/Central File
Login File 2899

SAMPLE LOGIN

(SOP# MSL-A-001)

Project Manager: Brandenberger
Date Received: 05/22/08
Batch: 1

PROJECT: New Bedford Harbor- GW Sampling Sawyer Street

SPONSOR CODE	Station ID on bottle	BATTELLE CODE	MATRIX	STORAGE LOCATION	PARAMETERS REQUESTED	COLLECTION DATE	INITIALS
MW-006-051908	MW-6	2899-1	ground water	Prep Lab I-1-C	metals, MS/MSD	05/19/08	MLFM
MW-001-051908	MW-1	2899-2	ground water	Prep Lab I-1-C	metals	05/19/08	MLFM
MW-07A-051908	MW-7A	2899-3	ground water	Prep Lab I-1-C	metals	05/19/08	MLFM
MW-005-052008	MW-5	2899-4	ground water	Prep Lab I-1-C	metals	05/20/08	MLFM
MW-005-052008-REP	MW-05	2899-5	ground water	Prep Lab I-1-C	metals, Replicate	05/20/08	MLFM
MW-04A-052008	MW-4A	2899-6	ground water	Prep Lab I-1-C	metals	05/20/08	MLFM
MW-003-052008	MW-3	2899-7	ground water	Prep Lab I-1-C	metals	05/20/08	MLFM
EB-052008	NA	2899-8	ground water	Prep Lab I-1-C	metals	05/20/08	MLFM

✓ 'd 5/22/08

Page 1 of 1

Central File #: New 2899 Sample No(s): 1-8 Project Manager: JMB

TO BE COMPLETED BY PROJECT MANAGER (prior to arrival when possible)

Matrix: water WP# W84822

Yes	No	
	✓	Navy-type Project (requires high-level sample tracking procedures)
	✓	Filter Samples: Amount: Entire sample Half of sample
	✓	Freeze dry sample(s) - samples will be weighed and placed in ultralow temp freezer (Lab# 130)
	✓	Special instructions:

Sample Preservation Instructions: * preserved in field

Date To Archive: Date To Dispose:

TO BE COMPLETED UPON SAMPLE ARRIVAL/LOG-IN

Yes	No	N/A	Indicate in Appropriate Box
	N/A		Was a custody seal present?
		N/A	Was the custody seal intact?
N/A			Was cooler(s) temperature(s) within acceptable range of 4±2°C or frozen? (if multiple coolers, note temp. of each) 5.9 °C ___ °C
		N/A	Was Project Manager notified of any custody/login discrepancies (cooler temp, sponsor codes, etc)? Comment/Remedy:
N/A			Were all chain of custody forms signed and dated?
	N/A		Were samples filtered at MSL?

Sample condition(s): Acceptable Other (explain):

Container type: Teflon Poly Glass Spex Other:

Notes:

Completed By: [signature] Date/Time: 08/22/08 1205

SAMPLE PRESERVATION

- [ ] Sample(s) were preserved at MSL
- [N/A] Sample(s) were preserved prior to arrival at MSL (noted on CoC / Sample / per PM Instruction)
- [N/A] Random pH checked for ~10% of samples (use dip paper) Sample IDs: #2 & 6 both O.K.
- [ ] Complete pH check required for project (use pH meter and record on pH Record form)

If preservation necessary, record Acid Lot#

Type:
- [ ] 0.2% HNO3 Notes:
- [ ] 0.5% HCl (Hg samples) Notes:
- [ ] Refrigerate/Freeze Notes:
- [ ] Other Notes:

Completed By: [signature] Date/Time: 08/22/08 1205

Revsed 033006

1-1-C

NBHLabLoad Exceptions Report for MSL052208

Number of Records: 56

Uniqueness Violations

None.

Missing Sample IDs

None.

Zero Not Allowed

None.

Other Missing Data

None.

NBHLabLoad Exceptions Report for MSL052208

Number of Records: 56

Code and CAS List Exceptions

None.

Format Exceptions

None.

Dilutions without 'D' qualifier

None.

Detection Limit Null Violations

None.

NBHLabLoad Exceptions Report for MSL052208

Number of Records: 56

Other Exceptions

None.

Total PCB Violations

None.

Analytical Chemistry Data Package
Inorganics Analysis

Project: New Bedford Harbor Groundwater, 2008

Analysis of Metals in Groundwater Samples

Battelle Project No. 55280
CF No. 2899

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Marine Sciences Laboratory
1529 West Sequim Bay Road
Sequim, WA 98382
(360) 681-4564

CERTIFICATION STATEMENT AND DATA RELEASE

Battelle Marine Sciences Laboratory is releasing the following data set:

New Bedford Harbor Groundwater Water Chemistry

METALS IN WATER

We certify that the data contained within this data set is authentic:

12/5/08

Jill M. Brandenberger
MSL Metals Chemistry Project Manager

Date

12/5/08

Gary Gill
MSL QA Officer

Date

BATTELLE MARINE SCIENCES LABORATORIES
Jill Brandenberger, Project Manager
1529 West Sequim Bay Road
Sequim, Washington 98382
(360) 681-4564

NEW BEDFORD HARBOR
GROUNDWATER MONITORING NOVEMBER 2008
Metals in Groundwater
(Units: ug/L)

SPONSOR CODE	Site Description	MSL Code	Date Collected	Date Received	Analysis Date	Cd	Cr	Cu	Pb
					Method:	1638mod	1638mod	1638mod	1638mod
					CAS Code:	7440-43-9	7440-47-3	7440-50-8	7439-92-1
					Achieved MDL	**0.005**	**0.1**	**0.03**	**0.003**
					Achieved QL:	0.02	0.2	0.1	0.01
					PROJECT QL:	0.1	0.5	0.5	0.1
MW-07A-110608	Sawyer Street	2899-9	11/06/08	11/11/08	11/18/08	0.648	1.01	4.99	0.0226
MW-006-110608	Sawyer Street	2899-10	11/06/08	11/11/08	11/18/08	0.0516	0.346	0.666	0.183
MW-001-110608	Sawyer Street	2899-11	11/06/08	11/11/08	11/18/08	0.435	1.78	1.46	0.894
MW-005-110608	Sawyer Street	2899-12	11/06/08	11/11/08	11/18/08	0.0518	4.04	2.10	0.274
MW-04A-110708	Sawyer Street	2899-13	11/07/08	11/11/08	11/18/08	0.0274	5.62	2.27	0.175
MW-04A-110708	Sawyer Street	2899-13 DUP	11/07/08	11/11/08	11/18/08	0.0265	5.91	2.27	0.183
MW-003-110708	Sawyer Street	2899-14	11/07/08	11/11/08	11/18/08	0.0299	5.63	0.855	0.0630
MW-003-110708-REP	Sawyer Street	2899-15	11/07/08	11/11/08	11/18/08	0.0306	5.92	0.944	0.0685
EB-110508	Equip. Blank	2899-16	11/05/08	11/11/08	11/18/08	0.005 U	0.608	0.354	0.0782
METHOD BLANK									
MB		TRM Blank R1				0.005 U	0.1 U	0.03 U	0.003 U
LABORATORY CONTROL SAMPLE RESULTS									
LCS		TRM LCS				4.98	4.96	5.08	4.97
		Spiking Level				5	5	5	5
		Percent Recovery, LCS				**100%**	**99%**	**102%**	**99%**
MATRIX SPIKE RESULTS									
MS		2899-9 MS				5.63	5.98	9.69	5.26
MSD		2899-9 MSD				5.64	5.87	9.51	5.22
MW-07A-110608	Sawyer Street	2899-9	11/06/08	11/11/08	11/18/08	0.648	1.01	4.99	0.0226
		Spiking Level				5	5	5	5
		Percent Recovery, MS				**100%**	**99%**	**94%**	**105%**
		Percent Recovery, MSD				**100%**	**97%**	**90%**	**104%**
		RPD				**0%**	**2%**	**4%**	**1%**
LABORATORY DUPLICATES									
MW-04A-110708	Sawyer Street	2899-13	11/07/08	11/11/08	11/18/08	0.0274	5.62	2.27	0.175
MW-04A-110708	Sawyer Street	2899-13 DUP	11/07/08	11/11/08	11/18/08	0.0265	5.91	2.27	0.183
		Mean				0.0270	5.76	2.27	0.179
		RPD				**3%**	**5%**	**0%**	**4%**
STANDARD REFERENCE MATERIAL RESULTS									
SRM		TRM 1640				23.4	38.1	88.8	28.7
		certified/ref value				22.79	38.60	85.2	27.89
		range				± 1.6	± 0.96	± 1.20	± 0.14
		Percent Difference, SRM				**3%**	**1%**	**4%**	**3%**

BATTELLE MARINE SCIENCES LABORATORIES
Jill Brandenberger, Project Manager
1529 West Sequim Bay Road
Sequim, Washington 98382
(360) 681-4564

NEW BEDFORD HARBOR
GROUNDWATER MONITORING NOVEMBER 2008
Metals in Groundwater

B	Blank concentration > RL and sample concentration < 5 times the detected blank
E	Concentration exceeds the range of the calibration curve for that particular analyte.
J	Estimated value as it is less than the reporting limit. The analyte was positively identified; the quantitation is an estimation.
U	Undetected at the method detection limit (MDL): The associated data value is the MDL.
N	QC value outside the accuracy or precision criteria goal

QAPP Data Quality Objectives:

MB	< RL
SRM	Percent Difference ≤25% of true values
MS	75-125 %
MS DUP	≤25% RPD
LCS	85-115%
Field DUP	≤30% RPD

QA/QC NARRATIVE

PROJECT: New Bedford Harbor Groundwater November 2008

PARAMETER: Trace Metals: cadmium (Cd), chromium (Cr), copper (Cu), and lead (Pb)

LABORATORY: Battelle Marine Sciences Laboratory (MSL), Sequim, Washington

MATRIX: Groundwater/Freshwater (salinity < 5 parts per thousand)

SAMPLE CUSTODY AND PROCESSING: Eight trace metals samples were received on 11/11/08. All samples were received in good condition (i.e., no sample containers were broken). The samples were preserved in the field to a pH of <2.0 using double distilled nitric acid. Upon arrival at MSL, two samples were randomly checked to confirm the pH was < 2.0. The cooler temperature was measured upon arrival at MSL and was 2.8°C. This is within the general guideline for temperature of 4 ± 2°C. Samples were assigned a Battelle Central File (CF) identification number (2899) and were entered into Battelle's laboratory information management system.

The following lists information on sample receipt and processing activities:

Lab Sample IDs:	2899*9-16
Description:	Groundwater
Sample collection dates	11/05/08 through 11/07/08
Laboratory arrival date	11/11/08
Cooler temp. on arrival	2.8°C
ICP-MS analysis	11/18/08

DATA QUALITY OBJECTIVES:

Analyte	Analytical Method	LCS Recovery	MS Recovery	SRM Accuracy	Relative Precision	MDL(2) µg/L	QL(2) µg/L
Cd	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.005	0.02
Cr	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.1	0.2
Cu	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.03	0.1
Pb	ICP-MS	85-115%	75-125%	≤25% PD	≤25% (1)	0.003	0.01

(1) Evaluated on matrix spike duplicates.
(2) Annual method detection limit (MDL) study for total recoverable metals in freshwater. Quantitation limit (QL) defined as 3.18* MDL rounded to the nearest 1, 2, or 5 per USEPA guidance.

METHODS: The samples were analyzed for trace metals by inductively coupled plasma-mass spectrometry (ICP-MS) following Battelle SOP MSL-I-022, Determination of Elements in Aqueous and Digestate Samples by ICP-MS. Samples were acid solubilized prior to analysis by ICP-MS in accordance with the total recoverable metals (TRM) method in Battelle SOP MSL-I-022. The analysis guidelines for this procedure are adapted from USEPA Method 1638 Determination of Trace Elements in Ambient Waters by Inductively Coupled Plasma-Mass Spectrometry. The TRM methodology is adapted from USEPA Method 1640 - Determination of Trace Elements in Ambient Waters by On-Line Chelation Preconcentration and Inductively Coupled Plasma-Mass Spectrometry.

Trace metal concentrations are reported in units of µg/L. Data were not blank corrected.

QA/QC NARRATIVE

HOLDING TIMES: The recommended holding time for water (calculated from sample collection) is 6 months for trace metals. All samples were analyzed within their respective holding times.

DETECTION LIMITS: The MDLs reported in the tables are freshwater MDLs from the annual freshwater TRM MDL study. Analytical results were reported to the achieved MDL. Data were also flagged to the reporting limit (RL) or quantitation limit (QL) defined as 3.18 times the achieved MDL and rounded to the nearest 1, 2, or 5 based on guidelines from the USEPA.

Data were evaluated and flagged in accordance with the following criteria:

U Undetected at the method detection limit (MDL): The associated data value is the MDL.

J Estimated value as it is less than the reporting limit. The analyte was positively identified; the quantitation is an estimation.

N QC value outside the accuracy or precision criteria goal

B Blank concentration > RL and sample concentration < 5 times the detected blank

METHOD BLANKS: A minimum of one method blank per 20 field samples received was analyzed with each analytical batch. Metal concentrations in the method blank were all less than the laboratory MDL.

LABORATORY CONTROL SAMPLE ACCURACY: A minimum of one blank spikes or laboratory control samples (LCS) per 20 field samples received was analyzed with each analytical batch. The LCS sample recoveries were within the QC acceptance criterion of 85-115% recovery for all metals.

MATRIX SPIKE ACCURACY: A minimum of one matrix spike (MS) and matrix spike duplicate (MSD) were analyzed with the samples. The MS/MSD recoveries were within the QC acceptance criterion of 75-125% recovery for all metals.

PRECISION: Precision for this set of samples was assessed by the performance of matrix spike duplicates and laboratory duplicates. Precision was expressed as the relative percent difference (RPD) of replicate results. The RPD values were within the QC criterion of ≤25% RPD for all metals.

STANDARD REFERENCE MATERIAL ACCURACY: Standard reference material (SRM) 1640 was analyzed with each analytical batch. SRM accuracy was expressed as the percent difference between the measured and certified or reference values. The percent differences were within the QC acceptance criterion of ≤25% difference for all metals.

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Battelle

The Business of Innovation

Chain of Custody

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

Proj. No: G606422

Proj. Name: NBH - Groundwater

SAMPLERS: Signature: J. Tenzer, M. Fitzpatrick, P. Curran

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	Lab ID ~~BATTELLE ID~~	Field ID ~~CLIENT ID~~	SAMPLE DESCRIPTION (Matrix / Location)	PEST	PCB	TPH FINGERPRINT	PAH	VOA	TBT	METALS	OTHER	ACIDIFIED HNO3	PRESERVED	Total Number of Containers
11/6/08	0912	2899. 9	MW-07A-110608	Groundwater / Sawyer Street							✓		✓		✓ 1
	1037	10	MW-006-110608								✓		✓		1
	1345	11	MW-001-110608								✓		✓		1
	1352	12	MW-005-110608								✓		✓		1
11/7/08	0929	13	MW-04A-110708								✓		✓		1
	1001	14	MW-003-110708								✓		✓		1
	1001	15	MW-003-110708-REP	(Field Dup)							✓		✓		1
11/5/08	1440	2899. 16	EB-110508	Equipment Blank							✓		✓		1

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	11/10/08 1500	[signature]	11/11/08 1240
Relinquished by:	Date/Time	Received by:	Date/Time

Comments:

ORIGINAL

cc: Project Manager/Central File
Login File 2899

SAMPLE LOGIN

(SOP# MSL-A-001)

Project Manager: Brandenberger
Date Received: 11/11/08
Batch: 2

PROJECT: New Bedford Harbor- GW Sampling Sawyer Street

SPONSOR CODE	Site Description	BATTELLE CODE	MATRIX	STORAGE LOCATION	PARAMETERS REQUESTED	COLLECTION DATE	INITIALS
MW-07A-110608 ✓	Sawyer Street	2899-9	✓ ground water	Prep Lab J-2-A	✓ metals	11/06/08 ✓	MLFM
MW-006-110608 ✓	Sawyer Street	2899-10	ground water	Prep Lab J-2-A	metals	11/06/08	MLFM
MW-001-110608 ✓	Sawyer Street	2899-11	ground water	Prep Lab J-2-A	metals	11/06/08	MLFM
MW-005-110608 ✓	Sawyer Street	2899-12	ground water	Prep Lab J-2-A	metals	11/06/08	MLFM
MW-04A-110708 ✓	Sawyer Street	2899-13	ground water	Prep Lab J-2-A	metals	11/07/08	MLFM
MW-003-110708 ✓	Sawyer Street	2899-14	ground water	Prep Lab J-2-A	metals	11/07/08	MLFM
MW-003-110708-REP ✓	Sawyer Street	2899-15 ✓	ground water	Prep Lab J-2-A	metals	11/07/08 ✓	MLFM
EB-110508 ✓	Equip. Blank	2899-16	Equip. Blank	Prep Lab J-2-A	metals	11/05/08 ✓	MLFM

VKS 11/12/08

LOG-IN CHECKLIST New Bedford Harbor

Reference SOP# MSL-A-001

Central File #: 2899 Sample No(s): 9-16 Project Manager: JMS

TO BE COMPLETED BY PROJECT MANAGER (prior to arrival when possible)

Matrix: groundwater WP# W84822

Yes	No	
	X	Navy-type Project (requires high-level sample tracking procedures)
	X	Filter Samples: Amount: Entire sample Half of sample
	X	Freeze dry sample(s) - samples will be weighed and placed in ultralow temp freezer (Lab# 130)
	X	Special instructions:

Sample Preservation Instructions: Preserved in field 0.2% Optima HNO_3

Date To Archive: Date To Dispose:

TO BE COMPLETED UPON SAMPLE ARRIVAL/LOG-IN

Yes	No	N/A	Indicate in Appropriate Box
	N/A		Was a custody seal present?
		N/A	Was the custody seal intact?
N/A			Was cooler(s) temperature(s) within acceptable range of 4±2°C or frozen? (if multiple coolers, note temp. of each) 2.8 °C ___ °C
		N/A	Was Project Manager notified of any custody/login discrepancies (cooler temp, sponsor codes, etc)? Comment/Remedy:
N/A			Were all chain of custody forms signed and dated?
	N/A		Were samples filtered at MSL?

Sample condition(s): Acceptable Other (explain):

Container type: Teflon Poly Glass Spex Other:

Notes:

Completed By: [signature] Date/Time: 11/11/08 1245

SAMPLE PRESERVATION

- [ ] Sample(s) were preserved at MSL
- [N/A] Sample(s) were preserved prior to arrival at MSL (noted on CoC / Sample / per PM Instruction)
- [N/A] Random pH checked for ~10% of samples (use dip paper) Sample IDs: #10 & 14 both OK
- [ ] Complete pH check required for project (use pH meter and record on pH Record form)

If preservation necessary, record Acid Lot#

Type:
- [ ] 0.2% HNO3 Notes:
- [ ] 0.5% HCl (Hg samples) Notes:
- [ ] Refrigerate/Freeze Notes:
- [ ] Other Notes:

Completed By: [signature] Date/Time: 11/11/08 1245

Revsed 033006

~~J-3-A~~ J-2-A

Laboratory Report – VOC Data

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ANALYTICAL REPORT

Prepared for:
Battelle
Duxbury Operations
397 Washington Street
Duxbury, MA 02332

Project:	New Bedford Harbor
ETR:	0805124
Report Date:	May 30, 2008

Certifications and Accreditations
Massachusetts M-MA030
Connecticut PH-0141
New Hampshire 2206
Rhode Island LAO00289
New Jersey MA015
Maine MA0030
New York 11627
Louisiana 03090
Florida E87814
Pennsylvania 68-02089
Army Corps of Engineers
Department of the Navy

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320 Forbes Blvd, Mansfield, MA 02048, (508) 822-9300, Fax (508) 822-3288

CASE NARRATIVE
Alpha Analytical

ETR: 0805124
Project: New Bedford Harbor

All analyses were performed according to Alpha Analytical quality assurance program and documented Standard Operating Procedures (SOPs). The analytical results contained in this report were performed within holding time, and with appropriate quality control measures, except where noted. All soil/sediment results are reported on a dry weight basis unless otherwise noted. A summary of all state and federal accreditations is provided within this report. Blank correction of results is not performed in the laboratory for any parameter. Alpha Analytical certifies that the test results within meet all of the requirements of NELAC, for all NELAC accredited parameters.

The enclosed results of analyses are representative of the samples as received by the laboratory. Alpha Analytical makes no representations or certifications as to the method of sample collection, sample identification, or transporting/handling procedures used prior to the receipt of samples by Alpha Analytical. To the best of my knowledge, the information contained in this report is accurate and complete. For any questions regarding this report, please contact the signatory below at 508-822-9300.

Approved by: Nancy A Rose Title: Project Manager Date: 5/30/08
Nancy Rose **Project Manager**

R:\Report\NARRTEMP\2008\BATDUX\0805124.doc

Sample ID Cross Reference

Client: **Battelle**
Project: **New Bedford Harbor**

Lab Code: **MA00030**
ETR: **0805124**

Lab Sample ID	Client Sample ID
0805124-01	MW-07A-051908
0805124-02	MW-006-051908
0805124-03	MW-001-051908
0805124-04	MW-005-052008
0805124-05	MW-005-052008-REP
0805124-06	MW-04A-052008
0805124-07	MW-003-052008
0805124-08	EB-052008
0805124-09	Trip Blank

VOLATILE ORGANICS

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-07A-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-01**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	100	70-130
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:37

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-006-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-02**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**1.26**	J
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	95	70-130

N/A - Not Applicable
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:38

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-001-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-03**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**2.79**	J
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

N/A - Not Applicable
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:38

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-005-052008**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-04**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**16.0**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:38

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-005-052008-REP**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-05**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**16.0**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:38

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-04A-052008**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-06**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**3.05**	J
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	105	70-130
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:38

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-003-052008**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-07**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/28/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**8.40**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	105	70-130
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:39

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **EB-052008**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-08**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/28/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**7.19**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	**1.21**	J
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	106	70-130
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

N/A - Not Applicable
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:39

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **0805124-09**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/20/08	05/20/08	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	100	70-130
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:37

Blank
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **VW052708B30**
Associated Blank: **N/A**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	05/27/08	5	5	1	ALM

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	5.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	5.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	5.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	100	70-130
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

06/04/08 11:37

Laboratory Control Summary
Volatile Organics by 8260

ALPHA ANALYTICAL

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	05/27/08	5	5	1	ALM

Lab ID:	VW052708B30		VW052708LCS06		VW052708LCSD06				
Parameter	**Blank Conc.**		**LCS Conc.**	**LCS % Recovery**	**LCSD Conc.**	**LCSD % Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Dichlorodifluoromethane	2.00	U	23.0	115	23.1	115	0	25	70-130
Chloromethane	2.00	U	14.7	74	15.3	77	4	25	70-130
Vinyl chloride	2.00	U	18.5	93	19.4	97	5	25	70-130
Bromomethane	2.00	U	16.6	83	18.1	90	8	25	70-130
Chloroethane	2.00	U	16.2	81	16.8	84	4	25	70-130
Trichlorofluoromethane	2.00	U	17.4	87	17.7	88	2	25	70-130
Diethyl ether	2.00	U	16.2	81	16.9	84	4	25	70-130
Acetone	5.00	U	18.8	94	18.8	94	0	25	70-130
1,1-Dichloroethene	2.00	U	18.3	92	19.0	95	3	25	70-130
Carbon disulfide	2.00	U	21.5	108	22.3	112	4	25	70-130
Methylene chloride	5.00	U	19.0	95	19.4	97	2	25	70-130
Methyl tert-butyl ether (MTBE)	2.00	U	18.6	93	19.0	95	2	25	70-130
trans-1,2-Dichloroethene	2.00	U	18.5	93	19.2	96	4	25	70-130
Diisopropyl Ether (DIPE)	2.00	U	18.9	95	19.3	96	2	25	70-130
1,1-Dichloroethane	2.00	U	18.2	91	19.1	95	4	25	70-130
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U	18.2	91	18.9	94	4	25	70-130
2-Butanone (MEK)	5.00	U	20.0	100	19.7	99	1	25	70-130
cis-1,2-Dichloroethene	2.00	U	18.1	91	17.8	89	2	25	70-130
2,2-Dichloropropane	2.00	U	17.9	90	17.9	89	0	25	70-130
Bromochloromethane	2.00	U	19.9	99	20.1	101	1	25	70-130
Chloroform	2.00	U	19.0	95	19.5	97	3	25	70-130
1,1,1-Trichloroethane	2.00	U	19.3	97	20.1	101	4	25	70-130
1,1-Dichloropropene	2.00	U	18.4	92	19.1	96	4	25	70-130
Carbon tetrachloride	2.00	U	19.0	95	19.3	97	2	25	70-130
Benzene	2.00	U	18.7	94	19.5	97	4	25	70-130
Tertiary Amyl Methyl Ether (TAME)	2.00	U	19.4	97	20.0	100	3	25	70-130
Tetrahydrofuran	5.00	U	19.7	99	20.0	100	1	25	70-130
1,2-Dichloroethane	2.00	U	18.3	91	18.8	94	3	25	70-130
Trichloroethene	2.00	U	19.0	95	20.0	100	6	25	70-130
1,2-Dichloropropane	2.00	U	18.4	92	18.8	94	2	25	70-130
Dibromomethane	2.00	U	19.0	95	19.3	97	2	25	70-130
1,4-Dioxane	100	U	191	95	203	101	6	25	70-130
Bromodichloromethane	2.00	U	18.6	93	19.1	95	2	25	70-130

06/04/08 11:39

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	05/27/08	5	5	1	ALM

Lab ID: VW052708B30 VW052708LCS06 VW052708LCSD06

Parameter	Blank Conc.		LCS Conc.	LCS % Recovery	LCSD Conc.	LCSD % Recovery	% RPD	RPD Limit	% Recovery Limits
Methyl isobutyl ketone (MIBK)	2.00	U	16.2	81	16.7	84	3	25	70-130
1,3-Dichloropropene, Total	4.00	U	36.9	92	37.4	93	1	25	70-130
Toluene	2.00	U	18.6	93	18.9	94	2	25	70-130
1,1,2-Trichloroethane	2.00	U	18.0	90	18.6	93	3	25	70-130
2-Hexanone	2.00	U	18.3	91	18.7	94	2	25	70-130
Tetrachloroethene	2.00	U	19.6	98	19.9	100	2	25	70-130
1,3-Dichloropropane	2.00	U	18.9	94	19.2	96	2	25	70-130
Dibromochloromethane	2.00	U	19.1	96	19.1	96	0	25	70-130
1,2-Dibromoethane	2.00	U	19.3	97	19.7	98	2	25	70-130
Chlorobenzene	2.00	U	18.5	92	18.9	94	2	25	70-130
1,1,1,2-Tetrachloroethane	2.00	U	19.0	95	19.6	98	3	25	70-130
Ethylbenzene	2.00	U	18.2	91	18.5	92	2	25	70-130
Xylenes, Total	6.00	U	55.8	93	56.1	93	1	25	70-130
Styrene	2.00	U	19.0	95	19.2	96	1	25	70-130
Bromoform	2.00	U	18.8	94	19.3	97	3	25	70-130
Isopropylbenzene	2.00	U	18.5	92	19.2	96	4	25	70-130
1,1,2,2-Tetrachloroethane	2.00	U	18.5	93	18.7	93	1	25	70-130
Bromobenzene	2.00	U	18.7	94	19.2	96	3	25	70-130
1,2,3-Trichloropropane	2.00	U	19.8	99	19.6	98	1	25	70-130
n-Propylbenzene	2.00	U	18.4	92	18.9	94	3	25	70-130
2-Chlorotoluene	2.00	U	18.4	92	18.8	94	2	25	70-130
1,3,5-Trimethylbenzene	2.00	U	18.6	93	18.8	94	1	25	70-130
4-Chlorotoluene	2.00	U	18.6	93	19.0	95	2	25	70-130
tert-Butylbenzene	2.00	U	18.8	94	19.0	95	1	25	70-130
1,2,4-Trimethylbenzene	2.00	U	18.1	91	18.6	93	3	25	70-130
sec-Butylbenzene	2.00	U	18.9	94	19.1	95	1	25	70-130
1,3-Dichlorobenzene	2.00	U	18.4	92	18.8	94	2	25	70-130
p-Isopropyltoluene	2.00	U	18.6	93	18.7	94	1	25	70-130
1,4-Dichlorobenzene	2.00	U	18.6	93	19.0	95	2	25	70-130
n-Butylbenzene	2.00	U	18.6	93	18.6	93	0	25	70-130
1,2-Dibromo-3-chloropropane	2.00	U	18.8	94	18.9	94	0	25	70-130
1,2-Dichlorobenzene	2.00	U	18.8	94	18.9	95	1	25	70-130
1,2,4-Trichlorobenzene	2.00	U	19.0	95	19.1	96	1	25	70-130

06/04/08 11:39

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	05/27/08	5	5	1	ALM

Lab ID:	VW052708B30		VW052708LCS06		VW052708LCSD06				
Parameter	**Blank Conc.**		**LCS Conc.**	**LCS % Recovery**	**LCSD Conc.**	**LCSD % Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Hexachlorobutadiene	2.00	U	20.9	104	20.0	100	4	25	70-130
Naphthalene	2.00	U	19.2	96	19.0	95	1	25	70-130
1,2,3-Trichlorobenzene	2.00	U	18.8	94	18.3	91	3	25	70-130

Surrogate	% Recovery		Acceptance Range (%)
Dibromofluoromethane	99	99	70-130
1,2-Dichloroethane-d4	95	95	70-130
Toluene-d8	98	99	70-130
4-Bromofluorobenzene	98	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

06/04/08 11:40

Matrix Spike Duplicate
Volatile Organics by 8260

ALPHA ANALYTICAL

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-07A-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Lab ID:		0805124-01		0805124-01		0805124-01			
Parameter	**Sample Conc.**		**Matrix Spike Conc.**	**% Recovery**	**Matrix Spike Dup. Conc.**	**% Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Dichlorodifluoromethane	2.00	U	50.4	101	51.8	104	3	30	70-130
Chloromethane	2.00	U	37.4	75	36.3	73	3	30	70-130
Vinyl chloride	2.00	U	48.4	97	46.5	93	4	30	70-130
Bromomethane	2.00	U	31.9	64[a]	29.3	59[a]	9	30	70-130
Chloroethane	2.00	U	39.3	79	37.6	75	5	30	70-130
Trichlorofluoromethane	2.00	U	42.5	85	41.5	83	2	30	70-130
Diethyl ether	2.00	U	38.7	77	40.3	81	4	30	70-130
Acetone	5.00	U	43.2	86	47.4	95	9	30	70-130
1,1-Dichloroethene	2.00	U	43.8	88	44.4	89	1	30	70-130
Carbon disulfide	2.00	U	47.4	95	33.9	68[a]	33[a]	30	70-130
Methylene chloride	5.00	U	42.0	84	43.6	87	4	30	70-130
Methyl tert-butyl ether (MTBE)	2.00	U	41.9	84	44.7	89	6	30	70-130
trans-1,2-Dichloroethene	2.00	U	43.5	87	44.6	89	3	30	70-130
Diisopropyl Ether (DIPE)	2.00	U	44.0	88	45.6	91	4	30	70-130
1,1-Dichloroethane	2.00	U	42.4	85	44.1	88	4	30	70-130
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U	42.0	84	43.8	88	4	30	70-130
2-Butanone (MEK)	5.00	U	46.4	93	49.4	99	6	30	70-130
cis-1,2-Dichloroethene	2.00	U	42.2	84	43.4	87	3	30	70-130
2,2-Dichloropropane	2.00	U	38.0	76	38.2	76	0	30	70-130
Bromochloromethane	2.00	U	43.4	87	45.8	92	5	30	70-130
Chloroform	2.00	U	43.3	87	44.3	89	2	30	70-130
1,1,1-Trichloroethane	2.00	U	45.1	90	46.2	92	2	30	70-130
1,1-Dichloropropene	2.00	U	42.5	85	43.2	86	2	30	70-130
Carbon tetrachloride	2.00	U	44.0	88	44.4	89	1	30	70-130
Benzene	2.00	U	43.6	87	44.1	88	1	30	70-130
Tertiary Amyl Methyl Ether (TAME)	2.00	U	44.8	90	46.8	94	4	30	70-130
Tetrahydrofuran	5.00	U	45.9	92	48.4	97	5	30	70-130
1,2-Dichloroethane	2.00	U	41.9	84	43.4	87	3	30	70-130
Trichloroethene	2.00	U	43.8	88	45.6	91	4	30	70-130
1,2-Dichloropropane	2.00	U	42.5	85	44.3	89	4	30	70-130
Dibromomethane	2.00	U	42.8	86	44.7	89	4	30	70-130
1,4-Dioxane	100	U	446	89	503	101	12	30	70-130
Bromodichloromethane	2.00	U	43.9	88	45.5	91	4	30	70-130

06/06/08 09:56

Matrix Spike Duplicate
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-07A-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Lab ID:		0805124-01		0805124-01		0805124-01				
Parameter	**Sample Conc.**		**Matrix Spike Conc.**	**% Recovery**	**Matrix Spike Dup. Conc.**	**% Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Methyl isobutyl ketone (MIBK)	2.00	U	37.6	75	40.8	82	8	30	70-130
1,3-Dichloropropene, Total	4.00	U	84.0	84	87.5	88	4	30	70-130
Toluene	2.00	U	42.5	85	44.1	88	4	30	70-130
1,1,2-Trichloroethane	2.00	U	42.0	84	43.9	88	4	30	70-130
2-Hexanone	2.00	U	44.6	89	47.8	96	7	30	70-130
Tetrachloroethene	2.00	U	44.8	90	46.5	93	4	30	70-130
1,3-Dichloropropane	2.00	U	43.4	87	45.6	91	5	30	70-130
Dibromochloromethane	2.00	U	44.1	88	46.4	93	5	30	70-130
1,2-Dibromoethane	2.00	U	43.9	88	47.3	95	8	30	70-130
Chlorobenzene	2.00	U	41.4	83	43.1	86	4	30	70-130
1,1,1,2-Tetrachloroethane	2.00	U	42.5	85	43.9	88	3	30	70-130
Ethylbenzene	2.00	U	41.6	83	43.0	86	4	30	70-130
Xylenes, Total	6.00	U	124	83	131	87	5	30	70-130
Styrene	2.00	U	41.8	84	43.5	87	4	30	70-130
Bromoform	2.00	U	43.6	87	45.1	90	3	30	70-130
Isopropylbenzene	2.00	U	42.4	85	43.4	87	2	30	70-130
1,1,2,2-Tetrachloroethane	2.00	U	43.5	87	46.4	93	6	30	70-130
Bromobenzene	2.00	U	41.7	83	44.3	89	6	30	70-130
1,2,3-Trichloropropane	2.00	U	43.4	87	46.3	93	6	30	70-130
n-Propylbenzene	2.00	U	41.3	83	42.8	86	4	30	70-130
2-Chlorotoluene	2.00	U	40.8	82	42.5	85	4	30	70-130
1,3,5-Trimethylbenzene	2.00	U	41.6	83	43.3	87	4	30	70-130
4-Chlorotoluene	2.00	U	40.4	81	42.3	85	5	30	70-130
tert-Butylbenzene	2.00	U	42.2	84	42.8	86	2	30	70-130
1,2,4-Trimethylbenzene	2.00	U	41.2	82	43.1	86	5	30	70-130
sec-Butylbenzene	2.00	U	42.2	84	43.5	87	3	30	70-130
1,3-Dichlorobenzene	2.00	U	41.5	83	43.6	87	5	30	70-130
p-Isopropyltoluene	2.00	U	41.3	83	42.6	85	3	30	70-130
1,4-Dichlorobenzene	2.00	U	41.1	82	44.1	88	7	30	70-130
n-Butylbenzene	2.00	U	41.3	83	42.4	85	3	30	70-130
1,2-Dibromo-3-chloropropane	2.00	U	42.3	85	45.7	91	8	30	70-130
1,2-Dichlorobenzene	2.00	U	41.5	83	43.9	88	6	30	70-130
1,2,4-Trichlorobenzene	2.00	U	39.6	79	42.4	85	7	30	70-130

06/06/08 09:56

Matrix Spike Duplicate
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-07A-051908**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0805124**
Lab ID: **See Below**
Associated Blank: **VW052708B30**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
05/19/08	05/20/08	05/27/08	5	5	1	ALM

Lab ID:	0805124-01		0805124-01		0805124-01				
Parameter	**Sample Conc.**		**Matrix Spike Conc.**	**% Recovery**	**Matrix Spike Dup. Conc.**	**% Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Hexachlorobutadiene	2.00	U	40.7	81	40.3	81	1	30	70-130
Naphthalene	2.00	U	41.6	83	45.4	91	9	30	70-130
1,2,3-Trichlorobenzene	2.00	U	38.7	77	41.7	83	7	30	70-130

Surrogate	% Recovery		Acceptance Range (%)
Dibromofluoromethane	100	99	70-130
1,2-Dichloroethane-d4	98	98	70-130
Toluene-d8	101	101	70-130
4-Bromofluorobenzene	100	99	70-130

N/A - Not Applicable
[a] - Value outside of QC Limits.
U - The analyte was analyzed for but not detected at the sample specific level reported.

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

06/06/08 09:56

Chain of Custody Records

CHAIN OF CUSTODY

PAGE 1 OF

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: 0805724

Client Information

Client: Battelle
Address: 397 Washington St, Duxbury, MA 02332
Phone: 781-952-5298
Fax:
Email: fabayj@battelle.org
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Harbor
Project Location: New Bedford, MA
Project #: 6606422
Project Manager: Deirdre Dahlen
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOC

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	Sample Specific Comments	TOTAL # BOTTLES
1	MW-07A-051908	5/19/08	1225	GW H_2O	JMF	✓	3 set of 3 VOA vials ex for MS/MSD	9
2	MW-006-051908	5/19/08	1519			✓	1 set of 3 vials	3
3	MW-001 ~~-051908~~ ① 051908	5/19/08	1735			✓	↓	3
4	MW-005-052008	5/20/08	1007			✓	↓	3
5	MW-005-052008-REP	5/20/08	1007			✓	Replicate	3
6	MW-04A-052008	5/20/08	1217			✓	1 set of 3 vials	3
7	MW-003-052008	5/20/08	1430			✓	↓	3
8	EB-052008	5/20/08	1600			✓	↓	3

① Please ignore JMF 5/20/08

Container Type	✓
Preservative	B

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Jamie M Fabay	5/20/08 1605	Michael Walsh	5/20/08 1605
Michael Walsh	5/20/08 1704	[illegible]	5/20/08 1704

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 30-JUL-07)

Sample Receipt Checklist

Client: BATDUX		**Receipt Date:** 5/20/08	
Project:		**Log-in Date:** 5/24/08	
ETR #: 0805724		**Inspection by:** W	**Login by:** W

ALL SECTIONS BELOW MUST BE COMPLETED

Comments / Notes

Were samples shipped? Yes, FedEx / UPS / Other:_____
No, Alpha Analytical Courier pick-up / (Hand delivered)

Is bill of lading retained? Yes, Tracking #:_____
No, Unavailable / (NA)

Number of coolers received for this project delivery: 1

Indicate cooler temperature upon opening (if multiple coolers, record all temps):

Note: If all coolers are 2-6°C, use one checklist, if NOT, use separate checklists and note all samples received *above* 6°C.

Cooler 1:
Temperature(s) taken from: 50 IR Gun, (Circle one) SN (460647143) or 94031
_____ Temp. Blank, / NA
Were samples received on ice? (Yes) / No

Chain-of-Custody present? (Yes) / No
Complete? (Yes) / No

Custody seals present on Cooler? Yes / (No)
on Bottles? Yes / (No)
Intact? Yes / No / (NA)
*Note: Affix custody seals to back of **this** page.*

Were sample containers intact? (Yes) / No If No, list samples: →

Did VOA/VPH waters contain headspace (>5mm)? Yes / (No) / NA If Yes, list samples: →

Were 5035 VOA soils, or VPH soils, *covered* with MeOH? Yes / No / (NA)
If No, list samples: →

Was a sufficient amount of sample received for each test indicated on the COC?
(Yes) / No If No, list samples: →

If chemical preservation is appropriate -
Were samples field preserved? (Yes) / No / NA
☒ C=HCl ☐ M=MeOH ☐ S=H_2SO4
☐ H=NaOH ☐ N=HNO_3 ☐ Other:_____ ☐ U= Unknown

Preservation (pH) verified at lab for *EVERY* bottle? (Not: VOA / VPH / Sulfide)
YES: <2 or >12 (CN) or NO NA
If No, why?:

Were samples received within hold time? (Yes) / No If No, list samples: →

Discrepancy between samples rec'd & COC? (Yes) / No If Yes, list samples: →

Was the Project Manager notified of any other problems? Yes / No / NA

Project Manager Acknowledgement: Date:

Sample storage refrigerator #: VOA

Sample storage freezer #:_____

Cooler 2:_____ Cooler 3:_____

Cooler 4:_____ Cooler 5:_____

Cooler 6:_____ Cooler 7:_____

More:_____

Chemical preservation OK for ALL samples?

Yes / No / N/A

If No, list samples below:

Trip Blank not on COC

Please use back for any additional notes!

Certificate/Approval Program Summary

Method numbers assume the most recent EPA revisions. For a complete listing of analytes for the referenced methods please contact your Alpha Woods Hole Lab Project Manager or the Quality Assurance Manager.

Connecticut Department of Public Health Certificate/Lab ID : PH-0141 - *Wastewater* (General Chemistry: EPA 120.1, 150.1, 160.1, 160.2, 180.1, 300.0, 310.1, 335.2, 365.2; Metals: 200.8, 245.1; Organics: 608, 624, 625, ETPH) *Solid Waste/Soil* (General Chemistry: 1010, 9010/9014, 9045, 9060; Metals: 6020, 7470, 7471; Organics: 8081, 8082, 8260, 8270, ETPH).

Florida Department of Health Certificate/Lab ID : E87814 - Primary NELAP Accreditation Authority for Air & Emissions. Secondary NELAP Accreditation for Wastwater and Solid & Hazardous Waste. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 335.2, 365.2, SM2320B, SM2340B, SM2540G, SM4500NH3; Metals: 245.1; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry: 9010/9014, 9045, 9050, 9056, 9065, Reactivity 7.3; Metals: 6020, 7470, 7471; Organics: 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

Louisiana Department of Environmental Quality Certificate/Lab ID : 03090 - Primary NELAP Accrediting Authority for Wastewater, Solid & Hazardous Waste. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, 9010/9014, 9056, SM2540G; Metals: 200.8, 245.1, 6020; Organics: 608, 624, 625, 8015-DRO/GRO, 8081, 8082, 8260, 8270). *Solid and Hazardous Waste* (General Chemistry: 1010, 1311, 9010/9014, 9040, 9045, 9056, 9060, Reactivity 7.3; Metals: 6020, 7196, 7470, 7471; Organics: 8015-DRO/GRO, 8081, 8082, 8260, 8270).

Maine Department of Human Services Certificate/Lab ID : MA0030 - *Wastewater* (General Chemistry: EPA 120.1/ SM2510B, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 335.2, 365.2; Metals: EPA 245.1; Organics: 608, 624).

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030 - *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 335.2, 365.2; Metals: EPA 245.1; Organics: EPA 608, 624).

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, SM2540G; Metals: 200.8, 245.4; Organics: 608, 624, 625).

New Jersey Department of Environmental Protection Certificate/Lab ID : MA015 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 376.2, 9010/9014, 9056, SM2540G; Metals: 200.8, 245.1 6020; Organics: 608, 624, 625, 8081, 8082, 8260, 8270). *Solid & Hazardous Waste* (General Chemistry: EPA 1010, 1311, 9010/9014, 9040, 9045, 9056, 9060; Metals: 6020, 7196, 7470, 7471; Organics: 8015-DRO/GRO, 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

New York Department of Health Certificate/Lab ID : 11627 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 365.2, 376.2; Metals: 245.1; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry: EPA 1010, 1311; : 245.1; 6020, 7041; Organics: 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

Rhode Island Department of Health Certificate/Lab ID : LAO00289 - Chemistry: *Organic and Inorganic in Non-Poratable Water, Wastewater/Sewage and Soil* (Refer to LADEQ and MADEP certificates for method numbers.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-02089 - Registered laboratory

U.S. Army Corps of Engineers

Department of the Navy

ANALYTICAL REPORT

Prepared for:
Battelle
Duxbury Operations
397 Washington Street
Duxbury, MA 02332

Project:	New Bedford Harbor
ETR:	0811052
Report Date:	November 21, 2008

Certifications and Accreditations
Massachusetts M-MA030
Connecticut PH-0141
New Hampshire 2206
Rhode Island LAO00289
New Jersey MA015
Maine MA0030
New York 11627
Louisiana 03090
Florida E87814
Pennsylvania 68-02089
Army Corps of Engineers
Department of the Navy

This report shall not be reproduced except in full, without written approval from the laboratory.

320 Forbes Blvd, Mansfield, MA 02048, (508) 822-9300, Fax (508) 822-3288

Sample ID Cross Reference

Client: **Battelle**
Project: **New Bedford Harbor**

Lab Code: **MA00030**
ETR: **0811052**

Lab Sample ID	Client Sample ID
0811052-01	MW-04A-110508
0811052-02	MW-04B-110508
0811052-03	MW-007-110508
0811052-04	MW-006-110508
0811052-05	MW-07A-110608
0811052-06	MW-006-110508-REP
0811052-07	MW-006-110608
0811052-08	MW-001-110608
0811052-09	MW-005-110608
0811052-10	MW-04A-110708
0811052-11	MW-003-110708
0811052-12	EB-110508
0811052-13	MW-04A-110508
0811052-14	MW-04B-110508
0811052-15	MW-007-110508
0811052-16	MW-006-110508
0811052-17	MW-006-110508-REP
0811052-18	Trip Blank

Sawyer Street CDF samples

CASE NARRATIVE
Alpha Analytical

ETR: 0811052
Project: New Bedford Harbor

All analyses were performed according to Alpha Analytical quality assurance program and documented Standard Operating Procedures (SOPs). The analytical results contained in this report were performed within holding time, and with appropriate quality control measures, except where noted. All soil/sediment results are reported on a dry weight basis unless otherwise noted. A summary of all state and federal accreditations is provided within this report. Blank correction of results is not performed in the laboratory for any parameter. Alpha Analytical certifies that the test results within meet all of the requirements of NELAC, for all NELAC accredited parameters.

Volatiles by 8260

The initial calibration analyzed on 11/17/08 had a value for Bromomethane outside of the 15% RSD QC advisory limit at 20.9%. This initial calibration meets the acceptability criteria.

Continuing calibration verification standard, C1111901 has the percent deviation for Bromomethane above the 30%D limit at 31.3%D. This continuing calibration meets the acceptability criteria.

The laboratory control sample duplicate (VW111808LCSD10) has a percent recovery for 1, 4-Dioxane above the upper 130% limit at 137%. This compound was not detected in associated samples therefore no further action taken.

The laboratory control sample (VW111908LCS09) has a percent recovery for 1, 4-Dioxane above the upper 130% limit at 152%. This compound was not detected in associated samples therefore no further action taken.

Sample MW-04A-110508 (0811052-01) was analyzed at a (5X) dilution. An undiluted re-analysis was performed in order to obtain lower reporting limits. Acetone exceeded calibration in the undiluted analysis. Both sets of results reported. The discrepancy in results possible due to differences in sample vials.

Sample MW-04B-110508 (0811052-02) was analyzed on a dilution (10X) due to target compound concentration.

Sample MW-007-110508 (0811052-03) was analyzed on a dilution (100X) due to target compound concentration. This analysis had concentrations of Trichloroethylene detected over the calibration range of the instrument as noted with an "E" qualifier. The sample was re-analyzed on a dilution (200X). Both analyses were reported.

The enclosed results of analyses are representative of the samples as received by the laboratory. Alpha Analytical makes no representations or certifications as to the method of sample collection, sample identification, or transporting/handling procedures used prior to the receipt of samples by Alpha Analytical. To the best of my knowledge, the information contained in this report is accurate and complete. For any questions regarding this report, please contact the signatory below at 508-822-9300.

Approved by: Pete Henriksen Title: Project Manager Date: 11/21/08

Pete Henriksen

Volatile Organics

By

8260

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-04A-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-01**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/19/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	**2.24**	
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**354**	E
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	**17.3**	
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	**2.29**	
1,2-Dichloroethane	2.00	U
Trichloroethene	**16.6**	
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	107	70-130
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	104	70-130

N/A - Not Applicable
E - Estimated value, exceeds the upper limit of calibration.
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:03

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-04A-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-01E**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	5	BAS

Parameter	Result	
Dichlorodifluoromethane	10.0	U
Chloromethane	10.0	U
Vinyl chloride	10.0	U
Bromomethane	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
Diethyl ether	10.0	U
Acetone	**81.6**	
1,1-Dichloroethene	10.0	U
Carbon disulfide	10.0	U
Methylene chloride	10.0	U
Methyl tert-butyl ether (MTBE)	10.0	U
trans-1,2-Dichloroethene	10.0	U
Diisopropyl Ether (DIPE)	10.0	U
1,1-Dichloroethane	10.0	U
Ethyl Tertiary Butyl Ether (ETBE)	10.0	U
2-Butanone (MEK)	10.0	U
cis-1,2-Dichloroethene	**10.1**	
2,2-Dichloropropane	10.0	U
Bromochloromethane	10.0	U
Chloroform	10.0	U
1,1,1-Trichloroethane	10.0	U
1,1-Dichloropropene	10.0	U
Carbon tetrachloride	10.0	U
Benzene	10.0	U
Tertiary Amyl Methyl Ether (TAME)	10.0	U
Tetrahydrofuran	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethene	**10.3**	
1,2-Dichloropropane	10.0	U
Dibromomethane	10.0	U
1,4-Dioxane	500	U
Bromodichloromethane	10.0	U
Methyl isobutyl ketone (MIBK)	10.0	U

Parameter	Result	
1,3-Dichloropropene, Total	20.0	U
Toluene	10.0	U
1,1,2-Trichloroethane	10.0	U
2-Hexanone	10.0	U
Tetrachloroethene	10.0	U
1,3-Dichloropropane	10.0	U
Dibromochloromethane	10.0	U
1,2-Dibromoethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
Xylenes, Total	30.0	U
Styrene	10.0	U
Bromoform	10.0	U
Isopropylbenzene	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
Bromobenzene	10.0	U
1,2,3-Trichloropropane	10.0	U
n-Propylbenzene	10.0	U
2-Chlorotoluene	10.0	U
1,3,5-Trimethylbenzene	10.0	U
4-Chlorotoluene	10.0	U
tert-Butylbenzene	10.0	U
1,2,4-Trimethylbenzene	10.0	U
sec-Butylbenzene	10.0	U
1,3-Dichlorobenzene	10.0	U
p-Isopropyltoluene	10.0	U
1,4-Dichlorobenzene	10.0	U
n-Butylbenzene	10.0	U
1,2-Dibromo-3-chloropropane	10.0	U
1,2-Dichlorobenzene	10.0	U
1,2,4-Trichlorobenzene	10.0	U
Hexachlorobutadiene	10.0	U
Naphthalene	10.0	U
1,2,3-Trichlorobenzene	10.0	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-04B-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-02**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	10	BAS

Parameter	Result	
Dichlorodifluoromethane	20.0	U
Chloromethane	20.0	U
Vinyl chloride	**308**	
Bromomethane	20.0	U
Chloroethane	20.0	U
Trichlorofluoromethane	20.0	U
Diethyl ether	20.0	U
Acetone	50.0	U
1,1-Dichloroethene	20.0	U
Carbon disulfide	20.0	U
Methylene chloride	20.0	U
Methyl tert-butyl ether (MTBE)	20.0	U
trans-1,2-Dichloroethene	20.0	U
Diisopropyl Ether (DIPE)	20.0	U
1,1-Dichloroethane	20.0	U
Ethyl Tertiary Butyl Ether (ETBE)	20.0	U
2-Butanone (MEK)	20.0	U
cis-1,2-Dichloroethene	**743**	
2,2-Dichloropropane	20.0	U
Bromochloromethane	20.0	U
Chloroform	20.0	U
1,1,1-Trichloroethane	20.0	U
1,1-Dichloropropene	20.0	U
Carbon tetrachloride	20.0	U
Benzene	20.0	U
Tertiary Amyl Methyl Ether (TAME)	20.0	U
Tetrahydrofuran	20.0	U
1,2-Dichloroethane	20.0	U
Trichloroethene	**1720**	
1,2-Dichloropropane	20.0	U
Dibromomethane	20.0	U
1,4-Dioxane	1000	U
Bromodichloromethane	20.0	U
Methyl isobutyl ketone (MIBK)	20.0	U

Parameter	Result	
1,3-Dichloropropene, Total	40.0	U
Toluene	20.0	U
1,1,2-Trichloroethane	20.0	U
2-Hexanone	20.0	U
Tetrachloroethene	20.0	U
1,3-Dichloropropane	20.0	U
Dibromochloromethane	20.0	U
1,2-Dibromoethane	20.0	U
Chlorobenzene	20.0	U
1,1,1,2-Tetrachloroethane	20.0	U
Ethylbenzene	20.0	U
Xylenes, Total	60.0	U
Styrene	20.0	U
Bromoform	20.0	U
Isopropylbenzene	20.0	U
1,1,2,2-Tetrachloroethane	20.0	U
Bromobenzene	20.0	U
1,2,3-Trichloropropane	20.0	U
n-Propylbenzene	20.0	U
2-Chlorotoluene	20.0	U
1,3,5-Trimethylbenzene	20.0	U
4-Chlorotoluene	20.0	U
tert-Butylbenzene	20.0	U
1,2,4-Trimethylbenzene	20.0	U
sec-Butylbenzene	20.0	U
1,3-Dichlorobenzene	20.0	U
p-Isopropyltoluene	20.0	U
1,4-Dichlorobenzene	20.0	U
n-Butylbenzene	20.0	U
1,2-Dibromo-3-chloropropane	20.0	U
1,2-Dichlorobenzene	20.0	U
1,2,4-Trichlorobenzene	20.0	U
Hexachlorobutadiene	20.0	U
Naphthalene	20.0	U
1,2,3-Trichlorobenzene	20.0	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	102	70-130
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-007-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-03**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	100	BAS

Parameter	Result	
Dichlorodifluoromethane	200	U
Chloromethane	200	U
Vinyl chloride	200	U
Bromomethane	200	U
Chloroethane	200	U
Trichlorofluoromethane	200	U
Diethyl ether	200	U
Acetone	500	U
1,1-Dichloroethene	200	U
Carbon disulfide	200	U
Methylene chloride	200	U
Methyl tert-butyl ether (MTBE)	200	U
trans-1,2-Dichloroethene	200	U
Diisopropyl Ether (DIPE)	200	U
1,1-Dichloroethane	200	U
Ethyl Tertiary Butyl Ether (ETBE)	200	U
2-Butanone (MEK)	200	U
cis-1,2-Dichloroethene	**1250**	
2,2-Dichloropropane	200	U
Bromochloromethane	200	U
Chloroform	200	U
1,1,1-Trichloroethane	200	U
1,1-Dichloropropene	200	U
Carbon tetrachloride	200	U
Benzene	200	U
Tertiary Amyl Methyl Ether (TAME)	200	U
Tetrahydrofuran	200	U
1,2-Dichloroethane	200	U
Trichloroethene	**22800**	E
1,2-Dichloropropane	200	U
Dibromomethane	200	U
1,4-Dioxane	10000	U
Bromodichloromethane	200	U
Methyl isobutyl ketone (MIBK)	200	U

Parameter	Result	
1,3-Dichloropropene, Total	400	U
Toluene	200	U
1,1,2-Trichloroethane	200	U
2-Hexanone	200	U
Tetrachloroethene	200	U
1,3-Dichloropropane	200	U
Dibromochloromethane	200	U
1,2-Dibromoethane	200	U
Chlorobenzene	200	U
1,1,1,2-Tetrachloroethane	200	U
Ethylbenzene	200	U
Xylenes, Total	600	U
Styrene	200	U
Bromoform	200	U
Isopropylbenzene	200	U
1,1,2,2-Tetrachloroethane	200	U
Bromobenzene	200	U
1,2,3-Trichloropropane	200	U
n-Propylbenzene	200	U
2-Chlorotoluene	200	U
1,3,5-Trimethylbenzene	200	U
4-Chlorotoluene	200	U
tert-Butylbenzene	200	U
1,2,4-Trimethylbenzene	200	U
sec-Butylbenzene	200	U
1,3-Dichlorobenzene	200	U
p-Isopropyltoluene	200	U
1,4-Dichlorobenzene	200	U
n-Butylbenzene	200	U
1,2-Dibromo-3-chloropropane	200	U
1,2-Dichlorobenzene	200	U
1,2,4-Trichlorobenzene	200	U
Hexachlorobutadiene	200	U
Naphthalene	200	U
1,2,3-Trichlorobenzene	200	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	103	70-130
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
E - Estimated value, exceeds the upper limit of calibration.
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-007-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-03**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/19/08	5	5	200	BAS

Parameter	Result	
Dichlorodifluoromethane	400	U
Chloromethane	400	U
Vinyl chloride	400	U
Bromomethane	400	U
Chloroethane	400	U
Trichlorofluoromethane	400	U
Diethyl ether	400	U
Acetone	1000	U
1,1-Dichloroethene	400	U
Carbon disulfide	400	U
Methylene chloride	400	U
Methyl tert-butyl ether (MTBE)	400	U
trans-1,2-Dichloroethene	400	U
Diisopropyl Ether (DIPE)	400	U
1,1-Dichloroethane	400	U
Ethyl Tertiary Butyl Ether (ETBE)	400	U
2-Butanone (MEK)	400	U
cis-1,2-Dichloroethene	**1020**	
2,2-Dichloropropane	400	U
Bromochloromethane	400	U
Chloroform	400	U
1,1,1-Trichloroethane	400	U
1,1-Dichloropropene	400	U
Carbon tetrachloride	400	U
Benzene	400	U
Tertiary Amyl Methyl Ether (TAME)	400	U
Tetrahydrofuran	400	U
1,2-Dichloroethane	400	U
Trichloroethene	**18300**	
1,2-Dichloropropane	400	U
Dibromomethane	400	U
1,4-Dioxane	20000	U
Bromodichloromethane	400	U
Methyl isobutyl ketone (MIBK)	400	U

Parameter	Result	
1,3-Dichloropropene, Total	800	U
Toluene	400	U
1,1,2-Trichloroethane	400	U
2-Hexanone	400	U
Tetrachloroethene	400	U
1,3-Dichloropropane	400	U
Dibromochloromethane	400	U
1,2-Dibromoethane	400	U
Chlorobenzene	400	U
1,1,1,2-Tetrachloroethane	400	U
Ethylbenzene	400	U
Xylenes, Total	1200	U
Styrene	400	U
Bromoform	400	U
Isopropylbenzene	400	U
1,1,2,2-Tetrachloroethane	400	U
Bromobenzene	400	U
1,2,3-Trichloropropane	400	U
n-Propylbenzene	400	U
2-Chlorotoluene	400	U
1,3,5-Trimethylbenzene	400	U
4-Chlorotoluene	400	U
tert-Butylbenzene	400	U
1,2,4-Trimethylbenzene	400	U
sec-Butylbenzene	400	U
1,3-Dichlorobenzene	400	U
p-Isopropyltoluene	400	U
1,4-Dichlorobenzene	400	U
n-Butylbenzene	400	U
1,2-Dibromo-3-chloropropane	400	U
1,2-Dichlorobenzene	400	U
1,2,4-Trichlorobenzene	400	U
Hexachlorobutadiene	400	U
Naphthalene	400	U
1,2,3-Trichlorobenzene	400	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	97	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:03

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-006-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-04**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	**14.3**	
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	**113**	
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	**5.27**	
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	102	70-130
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-07A-110608**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-05**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/06/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	103	70-130
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:11

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-006-110508-REP**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-06**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	**14.4**	
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	**113**	
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	**5.07**	
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	103	70-130
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:02

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-006-110608**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-07**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/06/08	11/07/08	11/19/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**23.3**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	99	70-130
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	99	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:03

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-001-110608**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-08**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/06/08	11/07/08	11/19/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**10.3**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:03

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-005-110608**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-09**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/06/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

320 Forbes Blvd, Mansfield, MA 02048, (508) 822-9300, Fax (508) 822-3288

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-04A-110708**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-10**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/07/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**5.32**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:02

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **MW-003-110708**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-11**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/07/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	**5.36**	
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:02

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **EB-110508**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-12**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	104	70-130
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:02

Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **0811052-18**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
11/05/08	11/07/08	11/18/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	102	70-130
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Blank
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **VW111808B11**
Associated Blank: **N/A**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/18/08	5	5	1	BAS

Parameter	Result		Parameter	Result	
Dichlorodifluoromethane	2.00	U	1,3-Dichloropropene, Total	4.00	U
Chloromethane	2.00	U	Toluene	2.00	U
Vinyl chloride	2.00	U	1,1,2-Trichloroethane	2.00	U
Bromomethane	2.00	U	2-Hexanone	2.00	U
Chloroethane	2.00	U	Tetrachloroethene	2.00	U
Trichlorofluoromethane	2.00	U	1,3-Dichloropropane	2.00	U
Diethyl ether	2.00	U	Dibromochloromethane	2.00	U
Acetone	5.00	U	1,2-Dibromoethane	2.00	U
1,1-Dichloroethene	2.00	U	Chlorobenzene	2.00	U
Carbon disulfide	2.00	U	1,1,1,2-Tetrachloroethane	2.00	U
Methylene chloride	2.00	U	Ethylbenzene	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U	Xylenes, Total	6.00	U
trans-1,2-Dichloroethene	2.00	U	Styrene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U	Bromoform	2.00	U
1,1-Dichloroethane	2.00	U	Isopropylbenzene	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U	1,1,2,2-Tetrachloroethane	2.00	U
2-Butanone (MEK)	2.00	U	Bromobenzene	2.00	U
cis-1,2-Dichloroethene	2.00	U	1,2,3-Trichloropropane	2.00	U
2,2-Dichloropropane	2.00	U	n-Propylbenzene	2.00	U
Bromochloromethane	2.00	U	2-Chlorotoluene	2.00	U
Chloroform	2.00	U	1,3,5-Trimethylbenzene	2.00	U
1,1,1-Trichloroethane	2.00	U	4-Chlorotoluene	2.00	U
1,1-Dichloropropene	2.00	U	tert-Butylbenzene	2.00	U
Carbon tetrachloride	2.00	U	1,2,4-Trimethylbenzene	2.00	U
Benzene	2.00	U	sec-Butylbenzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U	1,3-Dichlorobenzene	2.00	U
Tetrahydrofuran	2.00	U	p-Isopropyltoluene	2.00	U
1,2-Dichloroethane	2.00	U	1,4-Dichlorobenzene	2.00	U
Trichloroethene	2.00	U	n-Butylbenzene	2.00	U
1,2-Dichloropropane	2.00	U	1,2-Dibromo-3-chloropropane	2.00	U
Dibromomethane	2.00	U	1,2-Dichlorobenzene	2.00	U
1,4-Dioxane	100	U	1,2,4-Trichlorobenzene	2.00	U
Bromodichloromethane	2.00	U	Hexachlorobutadiene	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U	Naphthalene	2.00	U
			1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	101	70-130
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:01

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/18/08	5	5	1	BAS

Lab ID: VW111808B11 VW111808LCS10 VW111808LCSD10

Parameter	Blank Conc.		LCS Conc.	LCS % Recovery	LCSD Conc.	LCSD % Recovery	% RPD	RPD Limit	% Recovery Limits
Dichlorodifluoromethane	2.00	U	18.5	93	17.5	87	6	25	70-130
Chloromethane	2.00	U	17.5	88	16.5	82	6	25	70-130
Vinyl chloride	2.00	U	23.1	116	21.7	108	7	25	70-130
Bromomethane	2.00	U	19.5	98	18.4	92	6	25	70-130
Chloroethane	2.00	U	19.6	98	18.7	94	5	25	70-130
Trichlorofluoromethane	2.00	U	20.1	101	18.9	95	6	25	70-130
Diethyl ether	2.00	U	20.7	103	21.4	107	4	25	70-130
Acetone	5.00	U	18.6	93	18.3	91	2	25	70-130
1,1-Dichloroethene	2.00	U	20.4	102	19.9	99	2	25	70-130
Carbon disulfide	2.00	U	24.6	123	23.1	116	6	25	70-130
Methylene chloride	2.00	U	19.0	95	19.3	96	1	25	70-130
Methyl tert-butyl ether (MTBE)	2.00	U	19.0	95	18.7	93	2	25	70-130
trans-1,2-Dichloroethene	2.00	U	20.5	103	19.5	98	5	25	70-130
Diisopropyl Ether (DIPE)	2.00	U	20.3	102	20.0	100	1	25	70-130
1,1-Dichloroethane	2.00	U	20.1	101	19.3	97	4	25	70-130
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U	19.8	99	19.2	96	3	25	70-130
2-Butanone (MEK)	2.00	U	20.1	100	20.9	105	4	25	70-130
cis-1,2-Dichloroethene	2.00	U	19.1	95	18.9	94	1	25	70-130
2,2-Dichloropropane	2.00	U	20.4	102	19.2	96	6	25	70-130
Bromochloromethane	2.00	U	20.3	101	19.9	99	2	25	70-130
Chloroform	2.00	U	20.2	101	19.4	97	4	25	70-130
1,1,1-Trichloroethane	2.00	U	20.3	101	19.1	96	6	25	70-130
1,1-Dichloropropene	2.00	U	20.1	100	19.1	96	5	25	70-130
Carbon tetrachloride	2.00	U	19.1	95	18.2	91	5	25	70-130
Benzene	2.00	U	20.3	101	19.1	96	6	25	70-130
Tertiary Amyl Methyl Ether (TAME)	2.00	U	20.4	102	20.0	100	2	25	70-130
Tetrahydrofuran	2.00	U	17.2	86	16.9	84	2	25	70-130
1,2-Dichloroethane	2.00	U	19.0	95	18.9	95	0	25	70-130
Trichloroethene	2.00	U	20.3	101	18.8	94	8	25	70-130
1,2-Dichloropropane	2.00	U	20.7	104	19.8	99	5	25	70-130
Dibromomethane	2.00	U	20.2	101	19.8	99	2	25	70-130
1,4-Dioxane	100	U	522	130	548	137[a]	5	25	70-130
Bromodichloromethane	2.00	U	20.6	103	19.7	98	5	25	70-130

11/21/08 08:04

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/18/08	5	5	1	BAS

Lab ID:		VW111808B11	VW111808LCS10		VW111808LCSD10				
Parameter	**Blank Conc.**		**LCS Conc.**	**LCS % Recovery**	**LCSD Conc.**	**LCSD % Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Methyl isobutyl ketone (MIBK)	2.00	U	19.7	98	19.3	96	2	25	70-130
1,3-Dichloropropene, Total	4.00	U	41.1	103	39.4	98	4	25	70-130
Toluene	2.00	U	20.6	103	19.4	97	6	25	70-130
1,1,2-Trichloroethane	2.00	U	20.4	102	19.7	98	4	25	70-130
2-Hexanone	2.00	U	20.9	105	20.2	101	4	25	70-130
Tetrachloroethene	2.00	U	15.0	75	14.1	71	6	25	70-130
1,3-Dichloropropane	2.00	U	20.4	102	19.5	98	5	25	70-130
Dibromochloromethane	2.00	U	20.5	103	19.8	99	4	25	70-130
1,2-Dibromoethane	2.00	U	20.6	103	19.5	98	5	25	70-130
Chlorobenzene	2.00	U	19.8	99	18.9	95	5	25	70-130
1,1,1,2-Tetrachloroethane	2.00	U	20.0	100	19.4	97	3	25	70-130
Ethylbenzene	2.00	U	19.7	99	18.9	94	4	25	70-130
Xylenes, Total	6.00	U	59.5	99	57.0	95	4	25	70-130
Styrene	2.00	U	20.0	100	19.2	96	4	25	70-130
Bromoform	2.00	U	19.5	97	19.1	95	2	25	70-130
Isopropylbenzene	2.00	U	20.0	100	19.2	96	4	25	70-130
1,1,2,2-Tetrachloroethane	2.00	U	19.7	98	19.2	96	2	25	70-130
Bromobenzene	2.00	U	19.4	97	19.2	96	1	25	70-130
1,2,3-Trichloropropane	2.00	U	18.2	91	17.9	90	2	25	70-130
n-Propylbenzene	2.00	U	20.0	100	19.0	95	5	25	70-130
2-Chlorotoluene	2.00	U	19.1	96	18.6	93	3	25	70-130
1,3,5-Trimethylbenzene	2.00	U	19.8	99	19.3	97	2	25	70-130
4-Chlorotoluene	2.00	U	19.8	99	19.3	97	3	25	70-130
tert-Butylbenzene	2.00	U	20.0	100	19.1	95	5	25	70-130
1,2,4-Trimethylbenzene	2.00	U	19.9	100	19.2	96	4	25	70-130
sec-Butylbenzene	2.00	U	20.2	101	19.5	97	4	25	70-130
1,3-Dichlorobenzene	2.00	U	19.8	99	19.2	96	3	25	70-130
p-Isopropyltoluene	2.00	U	20.6	103	19.5	98	5	25	70-130
1,4-Dichlorobenzene	2.00	U	19.8	99	19.0	95	4	25	70-130
n-Butylbenzene	2.00	U	20.5	103	19.6	98	5	25	70-130
1,2-Dibromo-3-chloropropane	2.00	U	19.6	98	19.0	95	3	25	70-130
1,2-Dichlorobenzene	2.00	U	19.7	98	19.3	97	2	25	70-130
1,2,4-Trichlorobenzene	2.00	U	19.8	99	19.2	96	3	25	70-130

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Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111808B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/18/08	5	5	1	BAS

Lab ID: VW111808B11 VW111808LCS10 VW111808LCSD10

Parameter	Blank Conc.		LCS Conc.	LCS % Recovery	LCSD Conc.	LCSD % Recovery	% RPD	RPD Limit	% Recovery Limits
Hexachlorobutadiene	2.00	U	23.1	116	21.0	105	10	25	70-130
Naphthalene	2.00	U	19.4	97	19.0	95	2	25	70-130
1,2,3-Trichlorobenzene	2.00	U	20.6	103	19.9	99	4	25	70-130

Surrogate	% Recovery		Acceptance Range (%)
Dibromofluoromethane	100	101	70-130
1,2-Dichloroethane-d4	98	98	70-130
Toluene-d8	101	101	70-130
4-Bromofluorobenzene	99	99	70-130

N/A - Not Applicable
[a] - Value outside of QC Limits.
U - The analyte was analyzed for but not detected at the sample specific level reported.

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

11/21/08 08:04

Blank
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **VW111908B11**
Associated Blank: **N/A**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/19/08	5	5	1	BAS

Parameter	Result	
Dichlorodifluoromethane	2.00	U
Chloromethane	2.00	U
Vinyl chloride	2.00	U
Bromomethane	2.00	U
Chloroethane	2.00	U
Trichlorofluoromethane	2.00	U
Diethyl ether	2.00	U
Acetone	5.00	U
1,1-Dichloroethene	2.00	U
Carbon disulfide	2.00	U
Methylene chloride	2.00	U
Methyl tert-butyl ether (MTBE)	2.00	U
trans-1,2-Dichloroethene	2.00	U
Diisopropyl Ether (DIPE)	2.00	U
1,1-Dichloroethane	2.00	U
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U
2-Butanone (MEK)	2.00	U
cis-1,2-Dichloroethene	2.00	U
2,2-Dichloropropane	2.00	U
Bromochloromethane	2.00	U
Chloroform	2.00	U
1,1,1-Trichloroethane	2.00	U
1,1-Dichloropropene	2.00	U
Carbon tetrachloride	2.00	U
Benzene	2.00	U
Tertiary Amyl Methyl Ether (TAME)	2.00	U
Tetrahydrofuran	2.00	U
1,2-Dichloroethane	2.00	U
Trichloroethene	2.00	U
1,2-Dichloropropane	2.00	U
Dibromomethane	2.00	U
1,4-Dioxane	100	U
Bromodichloromethane	2.00	U
Methyl isobutyl ketone (MIBK)	2.00	U

Parameter	Result	
1,3-Dichloropropene, Total	4.00	U
Toluene	2.00	U
1,1,2-Trichloroethane	2.00	U
2-Hexanone	2.00	U
Tetrachloroethene	2.00	U
1,3-Dichloropropane	2.00	U
Dibromochloromethane	2.00	U
1,2-Dibromoethane	2.00	U
Chlorobenzene	2.00	U
1,1,1,2-Tetrachloroethane	2.00	U
Ethylbenzene	2.00	U
Xylenes, Total	6.00	U
Styrene	2.00	U
Bromoform	2.00	U
Isopropylbenzene	2.00	U
1,1,2,2-Tetrachloroethane	2.00	U
Bromobenzene	2.00	U
1,2,3-Trichloropropane	2.00	U
n-Propylbenzene	2.00	U
2-Chlorotoluene	2.00	U
1,3,5-Trimethylbenzene	2.00	U
4-Chlorotoluene	2.00	U
tert-Butylbenzene	2.00	U
1,2,4-Trimethylbenzene	2.00	U
sec-Butylbenzene	2.00	U
1,3-Dichlorobenzene	2.00	U
p-Isopropyltoluene	2.00	U
1,4-Dichlorobenzene	2.00	U
n-Butylbenzene	2.00	U
1,2-Dibromo-3-chloropropane	2.00	U
1,2-Dichlorobenzene	2.00	U
1,2,4-Trichlorobenzene	2.00	U
Hexachlorobutadiene	2.00	U
Naphthalene	2.00	U
1,2,3-Trichlorobenzene	2.00	U

Surrogate	% Recovery	Acceptance Range (%)
Dibromofluoromethane	108	70-130
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	104	70-130

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

11/21/08 08:03

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/19/08	5	5	1	BAS

Lab ID: VW111908B11 VW111908LCS09 VW111908LCSD09

Parameter	Blank Conc.		LCS Conc.	LCS % Recovery	LCSD Conc.	LCSD % Recovery	% RPD	RPD Limit	% Recovery Limits
Dichlorodifluoromethane	2.00	U	20.3	102	19.4	97	4	25	70-130
Chloromethane	2.00	U	18.8	94	17.7	89	6	25	70-130
Vinyl chloride	2.00	U	24.8	124	22.6	113	9	25	70-130
Bromomethane	2.00	U	18.6	93	18.0	90	3	25	70-130
Chloroethane	2.00	U	21.1	106	19.0	95	11	25	70-130
Trichlorofluoromethane	2.00	U	22.3	112	21.1	105	6	25	70-130
Diethyl ether	2.00	U	22.2	111	21.6	108	3	25	70-130
Acetone	5.00	U	22.0	110	20.0	100	10	25	70-130
1,1-Dichloroethene	2.00	U	21.6	108	20.1	101	7	25	70-130
Carbon disulfide	2.00	U	25.3	127	24.1	120	5	25	70-130
Methylene chloride	2.00	U	20.7	103	21.5	108	4	25	70-130
Methyl tert-butyl ether (MTBE)	2.00	U	21.6	108	21.1	105	2	25	70-130
trans-1,2-Dichloroethene	2.00	U	23.1	115	22.2	111	4	25	70-130
Diisopropyl Ether (DIPE)	2.00	U	23.2	116	23.0	115	1	25	70-130
1,1-Dichloroethane	2.00	U	22.6	113	22.1	111	2	25	70-130
Ethyl Tertiary Butyl Ether (ETBE)	2.00	U	22.3	112	21.8	109	2	25	70-130
2-Butanone (MEK)	2.00	U	24.4	122	24.7	124	1	25	70-130
cis-1,2-Dichloroethene	2.00	U	21.7	109	21.1	106	3	25	70-130
2,2-Dichloropropane	2.00	U	22.9	115	21.0	105	9	25	70-130
Bromochloromethane	2.00	U	22.1	110	21.5	107	3	25	70-130
Chloroform	2.00	U	23.1	116	21.9	110	6	25	70-130
1,1,1-Trichloroethane	2.00	U	22.9	115	21.9	109	5	25	70-130
1,1-Dichloropropene	2.00	U	22.8	114	21.1	105	8	25	70-130
Carbon tetrachloride	2.00	U	23.1	115	21.5	108	7	25	70-130
Benzene	2.00	U	22.8	114	21.7	109	5	25	70-130
Tertiary Amyl Methyl Ether (TAME)	2.00	U	23.3	116	22.6	113	3	25	70-130
Tetrahydrofuran	2.00	U	20.1	100	19.2	96	4	25	70-130
1,2-Dichloroethane	2.00	U	22.6	113	22.4	112	1	25	70-130
Trichloroethene	2.00	U	22.4	112	20.5	103	9	25	70-130
1,2-Dichloropropane	2.00	U	22.8	114	21.8	109	5	25	70-130
Dibromomethane	2.00	U	22.5	112	21.6	108	4	25	70-130
1,4-Dioxane	100	U	610	152[a]	514	129	17	25	70-130
Bromodichloromethane	2.00	U	22.9	115	21.9	109	5	25	70-130

11/21/08 08:04

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/19/08	5	5	1	BAS

Lab ID:	VW111908B11		VW111908LCS09		VW111908LCSD09				
Parameter	**Blank Conc.**		**LCS Conc.**	**LCS % Recovery**	**LCSD Conc.**	**LCSD % Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Methyl isobutyl ketone (MIBK)	2.00	U	22.9	115	21.8	109	5	25	70-130
1,3-Dichloropropene, Total	4.00	U	44.9	112	42.7	107	5	25	70-130
Toluene	2.00	U	22.4	112	21.2	106	6	25	70-130
1,1,2-Trichloroethane	2.00	U	22.0	110	21.5	107	2	25	70-130
2-Hexanone	2.00	U	24.5	122	23.4	117	4	25	70-130
Tetrachloroethene	2.00	U	15.8	79	14.7	74	7	25	70-130
1,3-Dichloropropane	2.00	U	22.6	113	21.4	107	5	25	70-130
Dibromochloromethane	2.00	U	21.9	109	21.1	105	4	25	70-130
1,2-Dibromoethane	2.00	U	22.2	111	21.3	107	4	25	70-130
Chlorobenzene	2.00	U	19.8	99	18.6	93	6	25	70-130
1,1,1,2-Tetrachloroethane	2.00	U	19.8	99	18.7	93	6	25	70-130
Ethylbenzene	2.00	U	19.8	99	18.9	94	5	25	70-130
Xylenes, Total	6.00	U	60.1	100	56.2	94	7	25	70-130
Styrene	2.00	U	20.1	100	19.1	96	5	25	70-130
Bromoform	2.00	U	19.0	95	18.1	91	4	25	70-130
Isopropylbenzene	2.00	U	19.6	98	18.6	93	5	25	70-130
1,1,2,2-Tetrachloroethane	2.00	U	23.0	115	21.7	108	6	25	70-130
Bromobenzene	2.00	U	19.4	97	18.4	92	5	25	70-130
1,2,3-Trichloropropane	2.00	U	19.1	96	18.1	91	5	25	70-130
n-Propylbenzene	2.00	U	19.8	99	18.4	92	7	25	70-130
2-Chlorotoluene	2.00	U	19.3	96	18.3	92	5	25	70-130
1,3,5-Trimethylbenzene	2.00	U	19.7	98	18.7	93	5	25	70-130
4-Chlorotoluene	2.00	U	19.8	99	18.7	94	6	25	70-130
tert-Butylbenzene	2.00	U	19.5	97	18.2	91	7	25	70-130
1,2,4-Trimethylbenzene	2.00	U	19.9	100	18.8	94	6	25	70-130
sec-Butylbenzene	2.00	U	19.3	96	18.0	90	7	25	70-130
1,3-Dichlorobenzene	2.00	U	19.7	99	18.8	94	5	25	70-130
p-Isopropyltoluene	2.00	U	19.3	97	18.2	91	6	25	70-130
1,4-Dichlorobenzene	2.00	U	19.7	99	18.9	94	4	25	70-130
n-Butylbenzene	2.00	U	20.0	100	18.6	93	7	25	70-130
1,2-Dibromo-3-chloropropane	2.00	U	19.8	99	18.7	93	6	25	70-130
1,2-Dichlorobenzene	2.00	U	19.6	98	18.8	94	4	25	70-130
1,2,4-Trichlorobenzene	2.00	U	19.6	98	18.4	92	6	25	70-130

11/21/08 08:04

Laboratory Control Summary
Volatile Organics by 8260

Client: **Battelle**
Project: **New Bedford Harbor**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Water**

Lab Code: **MA00030**
ETR: **0811052**
Lab ID: **See Below**
Associated Blank: **VW111908B11**
Concentration Units: **µg/L**

Date Collected	Date Received	Date Analyzed	Sample Amount (ml)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	11/19/08	5	5	1	BAS

Lab ID:		VW111908B11	VW111908LCS09		VW111908LCSD09				
Parameter	**Blank Conc.**		**LCS Conc.**	**LCS % Recovery**	**LCSD Conc.**	**LCSD % Recovery**	**% RPD**	**RPD Limit**	**% Recovery Limits**
Hexachlorobutadiene	2.00	U	19.5	97	17.4	87	11	25	70-130
Naphthalene	2.00	U	20.4	102	19.1	96	7	25	70-130
1,2,3-Trichlorobenzene	2.00	U	20.1	101	18.8	94	7	25	70-130

Surrogate	% Recovery		Acceptance Range (%)
Dibromofluoromethane	107	105	70-130
1,2-Dichloroethane-d4	106	106	70-130
Toluene-d8	106	105	70-130
4-Bromofluorobenzene	104	103	70-130

N/A - Not Applicable
[a] - Value outside of QC Limits.
U - The analyte was analyzed for but not detected at the sample specific level reported.

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

11/21/08 08:05

Chain of Custody Records

Ship to Alpha

0811052

Battelle

The Business of Innovation

Chain of Custody

397 Washington Street
Duxbury, MA 02332
Phone: 781-952-5200
Fax: 781-934-2124

Proj. No: G606427

Proj. Name: NBH- Groundwater

SAMPLERS: Signature: Jason M Jurgen, M. Fitzpatrick, Patrick Curran

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

	DATE	TIME	Lab ID ~~BATTELLE ID~~	Field ID ~~CLIENT ID~~	SAMPLE DESCRIPTION (Location)	PEST	PCB	TPH FINGERPRINT	PAH	VOA	TBT	METALS	~~OTHER~~ TSS	ACIDIFIED	PRESERVED HCL	Total Number of Containers
1	11/5/08	0903		MW-04A-110508	Aerovox Groundwater					✓					✓	3
2		0925		MW-04B-110508						✓					✓	3
3		1235		MW-007-110508						✓					✓	3
4		1238		MW-006-110508						✓					✓	3
5	11/6/08	~~0900~~ 0831		MW-07A-110608	Sawyer St					✓					✓	3
6	11/5/08	1238		MW-006-110508-REP	Aerovox (Field Dup)					✓					✓	3
7	11/6/08	1005		MW-006-110608	Sawyer St					✓					✓	3
8		1217		MW-001-110608						✓					✓	3
9		1303		MW-005-110608						✓					✓	3
10	11/7/08	0857		MW-04A ~~110608~~ 110708 (2)						✓					✓	3
11		0920		MW-003-110708						✓					✓	3
12	(3) 11/5/08			EB-110508	Equipment Blank					✓			✓ ~~X~~			~~X~~ 4
13	11/5/08	0918		MW-04A-110508	Aerovox Groundwater								✓			1
14		1040		MW-04B-110508									✓			1
15		1245		MW-007-110508									✓			1
16		1310		MW-006-110508									✓			1
17		1310		MW-006-110508-REP	(Field Dup)								✓			1

Relinquished by:	Date/Time		Received by:	Date/Time	
Jason M Jurgen	11/7/08	1130	PATRICK CURRAN	11/7/08	1130
Relinquished by:	Date/Time		Received by:	Date/Time	
PATRICK CURRAN	11/7/08	1300	[signature]	11/7/08	1300

Comments:

(1) Please ignore SMT 11/6/08

(2) S/B MW-04A-110708

(3) Equipment Blank for VOA + TSS
↓ 3 vials ↓ 1 Bottle

ORIGINAL

Sample Receipt Checklist

Client: BATDUX	**Receipt Date:** 11/7/08		
Project: NB Harbor	**Log-in Date:**		
ETR #: 0811052	**Inspection by:**	**Login by:**	

ALL SECTIONS BELOW MUST BE COMPLETED

Comments / Notes

Were samples shipped? Yes, FedEx / UPS / Other:_____
No, Alpha Analytical Courier pick-up / Hand delivered

Is bill of lading retained? Yes, Tracking #:_____
No, Unavailable / NA

Number of coolers received for this project delivery: 1

Indicate cooler temperature upon opening (if multiple coolers, record all temps):

Note: If all coolers are 2-6°C, use one checklist, if NOT, use separate checklists and note all samples received *above* 6°C.

Cooler 1:
Temperature(s) taken from: 6° IR Gun, (Circle one) SN 460647143 or 94031
6° Temp. Blank, / NA

Were samples received on ice? Yes / No

Chain-of-Custody present? Yes / No
Complete? Yes / No

Custody seals present on Cooler? Yes / No
on Bottles? Yes / No
Intact? Yes / No / NA

Note: Affix custody seals to back of this page.

Were sample containers intact? Yes / No If No, list samples: →

Did VOA/VPH waters contain headspace (>5mm)? Yes / No / NA If Yes, list samples: →

Were 5035 VOA soils, or VPH soils, *covered* with MeOH? Yes / No / NA
If No, list samples: →

Was a sufficient amount of sample received for each test indicated on the COC?
Yes / No If No, list samples: →

If chemical preservation is appropriate -
Were samples field preserved? Yes / No / NA

☒ C=HCl ☐ M=MeOH ☐ S=H_2SO_4
☐ H=NaOH ☐ N=HNO_3 ☐ Other:_____ ☐ U= Unknown

Preservation (pH) verified at lab for *EVERY* bottle? (Not: VOA / VPH / Sulfide)
YES: <2 or >12 (CN) or NO NA
If No, why?:

Were samples received within hold time? Yes / No If No, list samples: →

Discrepancy between samples rec'd & COC ? Yes / No If Yes, list samples: →

Was the Project Manager notified of any other problems? Yes / No / NA

Project Manager Acknowledgement: Date:

Sample storage refrigerator #: C3

Sample storage freezer #:_____

Cooler 2:_____ Cooler 3:_____

Cooler 4:_____ Cooler 5:_____

Cooler 6:_____ Cooler 7:_____

More:_____

Chemical preservation OK for ALL samples?
Yes / No / N/A

If No, list samples below:

trip blank rec'd — NOT on COC

Please use back for any additional notes!

Certificate/Approval Program Summary

Method numbers assume the most recent EPA revisions. For a complete listing of analytes for the referenced methods please contact your Alpha Woods Hole Lab Project Manager or the Quality Assurance Manager.

Connecticut Department of Public Health Certificate/Lab ID : PH-0141 - *Wastewater* (General Chemistry: EPA 120.1, 150.1, 160.1, 160.2, 180.1, 300.0, 310.1, 335.2; Metals: 200.8, 245.1; Organics: 608-PCB, ETPH) *Solid Waste/Soil* (General Chemistry: 1010, 9010/9014, 9045, 9060; Metals: 6020, 7470, 7471; Organics: 8081, 8082, 8260, 8270, ETPH).

Florida Department of Health Certificate/Lab ID : E87814 - Primary NELAP Accreditation Authority for Air & Emissions. Secondary NELAP Accreditation for Wastwater and Solid & Hazardous Waste. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 335.2, SM2320B, SM2340B, SM2540G, SM4500NH3; Metals: 245.1; Organics: 608-PCB). *Solid and Hazardous Waste* (General Chemistry: 9010/9014, 9045, 9050, 9056, 9065, Reactivity 7.3; Metals: 6020, 7470, 7471; Organics: 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

Louisiana Department of Environmental Quality Certificate/Lab ID : 03090 - Primary NELAP Accrediting Authority for Wastewater, Solid & Hazardous Waste. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 376.2, 9010/9014, 9056, SM2540G; Metals: 200.8, 245.1, 6020; Organics: 608-PCB, 8015-DRO, 8081, 8082, 8260, 8270). *Solid and Hazardous Waste* (General Chemistry: 1010, 1311, 9010/9014, 9040, 9045, 9056, 9060, Reactivity 7.3; Metals: 6020, 7196, 7470, 7471; Organics: 8015-DRO, 8081, 8082, 8260, 8270).

Maine Department of Human Services Certificate/Lab ID : MA0030 - *Wastewater* (General Chemistry: EPA 120.1/ SM2510B, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 335.2; Metals: EPA 245.1; Organics: 608-PCB).

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030 - *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 335.2; Metals: EPA 245.1; Organics: EPA 608-PCB).

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 376.2, SM2540G; Metals: 200.8, 245.4; Organics: 608-PCB).

New Jersey Department of Environmental Protection Certificate/Lab ID : MA015 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 376.2, 9010/9014, 9056, SM2540G; Metals: 200.8, 245.1 6020; Organics: 608-PCB, 8081, 8082, 8260, 8270). *Solid & Hazardous Waste* (General Chemistry: EPA 1010, 1311, 9010/9014, 9040, 9045, 9056, 9060; Metals: 6020, 7196, 7470, 7471; Organics: 8015-DRO, 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

New York Department of Health Certificate/Lab ID : 11627 - Secondary NELAP Accreditation. *Wastewater* (General Chemistry: EPA 120.1/SM2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 300.0, 310.1/SM2320B, 376.2; Metals: 200.8, 245.1; Organics: 608-PCB). *Solid and Hazardous Waste* (General Chemistry: EPA 1010, 1311; : 200.8; 6020;7041; Organics: 8081, 8082, 8260, 8270). *Air & Emissions* (Organics: EPA TO-15).

Rhode Island Department of Health Certificate/Lab ID : LAO00289 - Chemistry: *Organic and Inorganic in Non-Poratable Water, Wastewater/Sewage and Soil* (Refer to LADEQ and MADEP certificates for method numbers.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-02089 - Registered laboratory

U.S. Army Corps of Engineers

Department of the Navy