

**APPENDIX E**

**ANALYTICAL RESULTS, LABORATORY ANALYTICAL REPORTS,  
AND CHAIN OF CUSTODY FORMS**

**PART 1  
ANALYTICAL RESULTS**

**(Note—To be provided on disc only)**

*This page intentionally left blank.*







*This Page Intentionally Left Blank.*







**Table E-2: Analytical Results for Subsurface Soil at CC RVAAP-70 East Transportation Yard**

Location ID:	70-4740-DU4-SB2	70-4740-DU4-SB3	70-4740-DU4-SB4	70-4740-DU4-SB5	70-4760-DU5-SB	70-4760-DU5-SB1	70-4760-DU5-SB2	70-4760-DU5-SB3	70-4760-DU5-SB4	70-4760-DU5-SB5	
Field Sample ID:	070SB-0051M-0001-SO	070SB-0052M-0001-SO	070SB-0053M-0001-SO	070SB-0054M-0001-SO	070SB-0027M-0001-SO	070SB-0028M-0001-SO	070SB-0029M-0001-SO	070SB-0030M-0001-SO	070SB-0031M-0001-SO	070SB-0032M-0001-SO	070SB-0033M-0001-SO
Lab Sample ID:	240-18581-20	240-18581-21	240-18581-22	240-18581-23	240-17669-9	240-17669-10	240-17669-11	240-17669-12	240-17669-13	240-17669-14	240-17669-15
Sample Date:	12/7/2012	12/7/2012	12/7/2012	12/7/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012
Sample Depth:	0-1.25	0-4	0-3.75	0-2.8	1-4	4-7	1-7	1-7	1-7	1-7	1-7
Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
<b>TAL Metals (mg/kg)</b>											
Aluminum	7429-90-5	3,900	7,800	7,400	10,000	-	-	-	-	-	-
Antimony	7440-36-0	0.1 U	0.1 U	0.099 U	0.1 U	-	-	-	-	-	-
Arsenic	7440-38-2	1.8	8.1	6.6	11	-	-	-	-	-	-
Barium	7440-39-3	33	44	38	51	-	-	-	-	-	-
Beryllium	7440-41-7	0.34	0.43	0.38	0.56	-	-	-	-	-	-
Cadmium	7440-43-9	0.12	0.13	0.11	0.16	-	-	-	-	-	-
Calcium	7440-70-2	13,000	5,200	11,000	16,000	-	-	-	-	-	-
Chromium	7440-47-3	6.1	12	12	16	-	-	-	-	-	-
Cobalt	7440-48-4	32	14	8.7	12	-	-	-	-	-	-
Copper	7440-50-8	4.7	13	13	18	-	-	-	-	-	-
Iron	7439-89-6	5,200	18,000	17,000	25,000	-	-	-	-	-	-
Lead	7439-92-1	9.2	9.1	7.7	11	-	-	-	-	-	-
Magnesium	7439-95-4	1,800	3,200	3,400	5,500	-	-	-	-	-	-
Manganese	7439-96-5	260	270	220	310	-	-	-	-	-	-
Mercury	7439-97-6	0.037 U	0.033 U	0.031 U	0.034 U	-	-	-	-	-	-
Nickel	7440-02-0	5.8	20	19	26	-	-	-	-	-	-
Potassium	7440-09-7	530	1,100	1,100	1,400	-	-	-	-	-	-
Selenium	7782-49-2	0.26 J	0.27 J	0.24 J	0.43 J	-	-	-	-	-	-
Silver	7440-22-4	0.017 J	0.02 J	0.017 J	0.027 J	-	-	-	-	-	-
Sodium	7440-23-5	110	77	87	160	-	-	-	-	-	-
Thallium	7440-28-0	0.03 J	0.098 J	0.092 J	0.13	-	-	-	-	-	-
Vanadium	7440-62-2	4.7	11	11	15	-	-	-	-	-	-
Zinc	7440-66-6	18	38	34	52	-	-	-	-	-	-
<b>Explosives / Propellants (mg/kg)</b>											
1,3,5-Trinitrobenzene	99-35-4	-	-	-	-	-	-	-	-	-	-
1,3-Dinitrobenzene	99-65-0	-	-	-	-	-	-	-	-	-	-
2,4,6-Trinitrotoluene	118-96-7	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	121-14-2	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	606-20-2	-	-	-	-	-	-	-	-	-	-
2-Amino-4,6-dinitrotoluene	35572-78-2	-	-	-	-	-	-	-	-	-	-
2-Nitrotoluene	88-72-2	-	-	-	-	-	-	-	-	-	-
3-Nitrotoluene	99-08-1	-	-	-	-	-	-	-	-	-	-
4-Amino-2,6-dinitrotoluene	19406-51-0	-	-	-	-	-	-	-	-	-	-
4-Nitrotoluene	99-99-0	-	-	-	-	-	-	-	-	-	-
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	98-95-3	-	-	-	-	-	-	-	-	-	-
Nitrocellulose	9004-70-0	-	-	-	-	-	-	-	-	-	-
Nitroglycerin	55-63-0	-	-	-	-	-	-	-	-	-	-
Nitroguanidine	556-88-7	-	-	-	-	-	-	-	-	-	-
tetrazocine (HMX)	2691-41-0	-	-	-	-	-	-	-	-	-	-
Pentaerythritol tetranitrate (PETN)	78-11-5	-	-	-	-	-	-	-	-	-	-
Tetryl	479-45-8	-	-	-	-	-	-	-	-	-	-
<b>Total Petroleum Hydrocarbons (mg/kg)</b>											
TPH (C6-C12)	68439-45-2	-	-	-	-	-	-	-	-	-	-
TPH (C10-C20)	68476-34-6	-	-	-	-	-	39	-	-	-	-
TPH (C20-C34)	100664-65-1	-	-	-	-	-	-	-	-	-	-
<b>Organochlorine Pesticides (mg/kg)</b>											
2,4-DB	94-82-6	-	-	-	0.034 U	0.033 U	0.034 U	0.037 U	0.034 U	0.034 U	0.033 U
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	-	-	-	0.0085 U	0.049	0.0086 U	0.086	0.0086 U	0.0085 U	0.0084 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	-	-	-	0.034 U	0.033 U	0.034 U	0.037 U	0.034 U	0.034 U	0.033 U
4,4'-DDD	72-54-8	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	-	-	-	-	-	-	-	-	-	-
alpha-BHC (alpha-Hexachlorocyclohexane)	319-84-6	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane	5103-71-9	-	-	-	-	-	-	-	-	-	-
alpha-Endosulfan	959-98-8	-	-	-	-	-	-	-	-	-	-
beta-BHC (beta-Hexachlorocyclohexane)	319-85-7	-	-	-	-	-	-	-	-	-	-
beta-Endosulfan	33213-65-9	-	-	-	-	-	-	-	-	-	-
Dalapon	75-99-0	-	-	-	0.017 U	0.017 U	0.017 U	0.019 U	0.017 U	0.017 U	0.017 U
delta-BHC (delta-Hexachlorocyclohexane)	319-86-8	-	-	-	-	-	-	-	-	-	-
Dicamba	1918-00-9	-	-	-	0.017 U	0.017 U	0.017 U	0.019 U	0.017 U	0.017 U	0.017 U
Dichloroprop	120-36-5	-	-	-	0.068 UJ	0.067 U	0.068 U	0.073 U	0.068 U	0.067 U	0.067 U
Dieldrin	60-57-1	-	-	-	-	-	-	-	-	-	-
Dinoseb	88-85-7	-	-	-	0.01 R	0.01 R	0.01 R	0.011 R	0.01 R	0.01 R	0.01 R
Endosulfan sulfate	1031-07-8	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	98-00-0	-	-	-	-	-	-	-	-	-	-



















**Table E-2: Analytical Results for Subsurface Soil at CC RVAAP-70 East Transportation Yard**

Location ID:		70-4740-DU3-SB1	70-4740-DU3-SB2	70-4740-DU3-SB3	70-4740-DU3-SB4	70-4740-DU3-SB5	70-4740-DU3-SB6	70-4740-DU4-SB	70-4740-DU4-SB1	
Field Sample ID:	CAS Number	070SB-0021M-0001-SO	070SB-0026-0001-SO	070SB-0022M-0001-SO	070SB-0023M-0001-SO	070SB-0024M-0001-SO	070SB-0025M-0001-SO	070SB-0046M-0001-SO	070SB-0050M-0001-SO	
Lab Sample ID:		240-17669-3	240-17669-8	240-17669-4	240-17669-5	240-17669-6	240-17669-7	240-18581-5	240-18581-19	
Sample Date:		11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	12/7/2012	12/7/2012	
Sample Depth:		1-7	7-13	1-13	1-7	1-7	1-7	1-7	0-1	
Sample Type:		REG	REG	REG	REG	REG	REG	REG	REG	
Hexachlorobutadiene	87-68-3	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
Hexachlorocyclopentadiene	77-47-4	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
Hexachloroethane	67-72-1	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
Indeno(1,2,3-cd)pyrene	193-39-5	0.016 U	0.0037 U	0.0033 U	0.0034 U	0.0052 J	0.0034 U	0.037 U	0.0034 U	
Isophorone	78-59-1	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
N,N-Diphenylamine	122-39-4	-	-	-	-	-	-	-	-	
Naphthalene	91-20-3	0.016 U	0.0037 U	0.0048 J	0.0044 J	0.0052 J	0.0056 J	0.037 U	0.0034 U	
Nitrobenzene	98-95-3	0.016 U	0.0037 U	0.0033 U	0.0034 U	0.0034 U	0.0034 U	0.037 U	0.0034 U	
N-Nitroso-di-n-propylamine	621-64-7	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
n-Nitrosodiphenylamine	86-30-6	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 R	0.027 U	
Pentachlorophenol	87-86-5	0.41 U	0.091 U	0.081 U	0.081 U	0.082 U	0.082 U	0.91 U	0.082 U	
Phenanthrene	85-01-8	0.017 J	0.0037 U	0.0033 U	0.0043 J	0.0058 J	0.0034 U	0.037 U	0.0033 U	
Phenol	108-95-2	0.13 U	0.031 U	0.027 U	0.027 U	0.028 U	0.028 U	0.31 U	0.027 U	
Pyrene	129-00-0	0.034	0.0037 U	0.0033 U	0.0034 U	0.012	0.0034 U	0.037 U	0.0034 U	
<b>Volatile Organic Compounds (mg/kg)</b>										
1,1,1-Trichloroethane	71-55-6	-	-	-	-	-	-	0.001 U	-	
1,1,2,2-Tetrachloroethane	79-34-5	-	-	-	-	-	-	0.00052 U	-	
1,1,2-Trichloroethane	79-00-5	-	-	-	-	-	-	0.00052 U	-	
1,1-Dichloroethane	75-34-3	-	-	-	-	-	-	0.00052 U	-	
1,1-Dichloroethene	75-35-4	-	-	-	-	-	-	0.001 U	-	
1,2,4-Trimethylbenzene	95-63-6	-	-	-	-	-	-	-	-	
1,2-Dibromoethane (EDB)	106-93-4	-	-	-	-	-	-	0.001 U	-	
1,2-Dichloroethane	107-06-2	-	-	-	-	-	-	0.00052 U	-	
1,2-Dichloroethene	540-59-0	-	-	-	-	-	-	0.001 U	-	
1,2-Dichloropropane	78-87-5	-	-	-	-	-	-	0.001 U	-	
2-Butanone (MEK)	78-93-3	-	-	-	-	-	-	0.0046 J	-	
2-Hexanone	591-78-6	-	-	-	-	-	-	0.021 U	-	
4-Methyl-2-pentanone (MIBK)	108-10-1	-	-	-	-	-	-	0.021 U	-	
Acetone	67-64-1	-	-	-	-	-	-	0.019 J	-	
Benzene	71-43-2	-	-	-	-	-	-	0.0004 J	-	
Bromochloromethane	74-97-5	-	-	-	-	-	-	0.001 U	-	
Bromodichloromethane	75-27-4	-	-	-	-	-	-	0.00052 U	-	
Bromoform	75-25-2	-	-	-	-	-	-	0.00052 U	-	
Bromomethane	74-83-9	-	-	-	-	-	-	0.001 U	-	
Carbon disulfide	75-15-0	-	-	-	-	-	-	0.00063 J	-	
Carbon tetrachloride	56-23-5	-	-	-	-	-	-	0.00052 U	-	
Chlorobenzene	108-90-7	-	-	-	-	-	-	0.00052 U	-	
Chloroethane	75-00-3	-	-	-	-	-	-	0.001 U	-	
Chloroform	67-66-3	-	-	-	-	-	-	0.00052 U	-	
Chloromethane	74-87-3	-	-	-	-	-	-	0.00052 U	-	
cis-1,2-Dichloroethene	156-59-2	-	-	-	-	-	-	-	-	
cis-1,3-Dichloropropene	10061-01-5	-	-	-	-	-	-	0.00052 U	-	
Dibromochloromethane	124-48-1	-	-	-	-	-	-	0.001 U	-	
Ethylbenzene	100-41-4	-	-	-	-	-	-	0.00052 U	-	
Methyl tert-butyl ether (MTBE)	1634-04-4	-	-	-	-	-	-	0.00052 U	-	
Methylene chloride	75-09-2	-	-	-	-	-	-	0.008 U	-	
Styrene	100-42-5	-	-	-	-	-	-	0.00052 U	-	
Tetrachloroethene (PCE)	127-18-4	-	-	-	-	-	-	0.001 U	-	
Toluene	108-88-3	-	-	-	-	-	-	0.0025 J	-	
trans-1,2-Dichloroethene	156-60-5	-	-	-	-	-	-	-	-	
trans-1,3-Dichloropropene	10061-02-6	-	-	-	-	-	-	0.001 U	-	
Trichloroethene (TCE)	79-01-6	-	-	-	-	-	-	0.00052 U	-	
Vinyl chloride	75-01-4	-	-	-	-	-	-	0.00052 U	-	
Xylenes, Total	1330-20-7	-	-	-	-	-	-	0.0016 U	-	

**Table E-2: Analytical Results for Subsurface Soil at CC RVAAP-70 East Transportation Yard**

Location ID:		70-4740-DU4-SB2	70-4740-DU4-SB3	70-4740-DU4-SB4	70-4740-DU4-SB5	70-4760-DU5-SB		70-4760-DU5-SB1	70-4760-DU5-SB2	70-4760-DU5-SB3	70-4760-DU5-SB4	70-4760-DU5-SB5
Field Sample ID:		070SB-0051M-0001-SO	070SB-0052M-0001-SO	070SB-0053M-0001-SO	070SB-0054M-0001-SO	070SB-0027M-0001-SO	070SB-0028M-0001-SO	070SB-0029M-0001-SO	070SB-0030M-0001-SO	070SB-0031M-0001-SO	070SB-0032M-0001-SO	070SB-0033M-0001-SO
Lab Sample ID:	CAS Number	240-18581-20	240-18581-21	240-18581-22	240-18581-23	240-17669-9	240-17669-10	240-17669-11	240-17669-12	240-17669-13	240-17669-14	240-17669-15
Sample Date:		12/7/2012	12/7/2012	12/7/2012	12/7/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012
Sample Depth:		0-1.25	0-4	0-3.75	0-2.8	1-4	4-7	1-7	1-7	1-7	1-7	1-7
Sample Type:		REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Hexachlorobutadiene	87-68-3	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
Hexachlorocyclopentadiene	77-47-4	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
Hexachloroethane	67-72-1	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.033 UJ	0.033 UJ	0.013 U	0.013 U	0.0034 U	0.016 U	0.016 U	0.0037 U	0.0034 U	0.043	0.016 U
Isophorone	78-59-1	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
N,N-Diphenylamine	122-39-4	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	0.033 UJ	0.033 UJ	0.013 U	0.013 U	0.0034 U	0.022 J	0.017 J	0.021	0.0063 J	0.05	0.016 U
Nitrobenzene	98-95-3	0.033 UJ	0.033 UJ	0.013 U	0.013 U	0.0034 U	0.016 U	0.016 U	0.0037 U	0.0034 U	0.017 U	0.016 U
N-Nitroso-di-n-propylamine	621-64-7	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
n-Nitrosodiphenylamine	86-30-6	0.27 UJ	0.27 UJ	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
Pentachlorophenol	87-86-5	0.81 U	0.81 U	0.32 U	0.32 U	0.082 U	0.41 U	0.41 U	0.089 U	0.082 U	0.41 U	0.41 U
Phenanthrene	85-01-8	0.033 UJ	0.033 UJ	0.013 U	0.013 U	0.0034 U	0.061	0.036	0.07	0.0043 J	0.056	0.016 U
Phenol	108-95-2	0.27 U	0.27 U	0.11 U	0.11 U	0.028 U	0.13 U	0.13 U	0.03 U	0.028 U	0.14 U	0.13 U
Pyrene	129-00-0	0.033 UJ	0.033 UJ	0.013 U	0.013 U	0.0057 J	0.016 U	0.051	0.0078	0.0034 U	0.089	0.016 U
<b>Volatile Organic Compounds (mg/kg)</b>												
1,1,1-Trichloroethane	71-55-6	-	-	-	-	-	-	-	0.00087 U	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	-	-	-	-	-	-	-	0.00044 U	-	-	-
1,1,2-Trichloroethane	79-00-5	-	-	-	-	-	-	-	0.00044 U	-	-	-
1,1-Dichloroethane	75-34-3	-	-	-	-	-	-	-	0.00044 U	-	-	-
1,1-Dichloroethene	75-35-4	-	-	-	-	-	-	-	0.00087 U	-	-	-
1,2,4-Trimethylbenzene	95-63-6	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (EDB)	106-93-4	-	-	-	-	-	-	-	0.00087 U	-	-	-
1,2-Dichloroethane	107-06-2	-	-	-	-	-	-	-	0.00044 U	-	-	-
1,2-Dichloroethene	540-59-0	-	-	-	-	-	-	-	0.00087 U	-	-	-
1,2-Dichloropropane	78-87-5	-	-	-	-	-	-	-	0.00087 U	-	-	-
2-Butanone (MEK)	78-93-3	-	-	-	-	-	-	-	0.0017 U	-	-	-
2-Hexanone	591-78-6	-	-	-	-	-	-	-	0.00087 U	-	-	-
4-Methyl-2-pentanone (MIBK)	108-10-1	-	-	-	-	-	-	-	0.00087 U	-	-	-
Acetone	67-64-1	-	-	-	-	-	-	-	0.0055 U	-	-	-
Benzene	71-43-2	-	-	-	-	-	-	-	0.00044 U	-	-	-
Bromochloromethane	74-97-5	-	-	-	-	-	-	-	0.00087 U	-	-	-
Bromodichloromethane	75-27-4	-	-	-	-	-	-	-	0.00044 U	-	-	-
Bromoform	75-25-2	-	-	-	-	-	-	-	0.00044 U	-	-	-
Bromomethane	74-83-9	-	-	-	-	-	-	-	0.00087 U	-	-	-
Carbon disulfide	75-15-0	-	-	-	-	-	-	-	0.0027 J	-	-	-
Carbon tetrachloride	56-23-5	-	-	-	-	-	-	-	0.00044 U	-	-	-
Chlorobenzene	108-90-7	-	-	-	-	-	-	-	0.00044 U	-	-	-
Chloroethane	75-00-3	-	-	-	-	-	-	-	0.00087 U	-	-	-
Chloroform	67-66-3	-	-	-	-	-	-	-	0.00044 U	-	-	-
Chloromethane	74-87-3	-	-	-	-	-	-	-	0.00044 U	-	-	-
cis-1,2-Dichloroethene	156-59-2	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	-	-	-	-	-	-	-	0.00044 U	-	-	-
Dibromochloromethane	124-48-1	-	-	-	-	-	-	-	0.00087 U	-	-	-
Ethylbenzene	100-41-4	-	-	-	-	-	-	-	0.00044 U	-	-	-
Methyl tert-butyl ether (MTBE)	1634-04-4	-	-	-	-	-	-	-	0.00044 U	-	-	-
Methylene chloride	75-09-2	-	-	-	-	-	-	-	0.00087 U	-	-	-
Styrene	100-42-5	-	-	-	-	-	-	-	0.00044 U	-	-	-
Tetrachloroethene (PCE)	127-18-4	-	-	-	-	-	-	-	0.00087 U	-	-	-
Toluene	108-88-3	-	-	-	-	-	-	-	0.00044 U	-	-	-
trans-1,2-Dichloroethene	156-60-5	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	-	-	-	-	-	-	-	0.00087 U	-	-	-
Trichloroethene (TCE)	79-01-6	-	-	-	-	-	-	-	0.00044 U	-	-	-
Vinyl chloride	75-01-4	-	-	-	-	-	-	-	0.00044 U	-	-	-
Xylenes, Total	1330-20-7	-	-	-	-	-	-	-	0.0013 U	-	-	-

**Table E-2: Analytical Results for Subsurface Soil at CC RVAAP-70 East Transportation Yard**

Location ID:	70-4760-DU5-SB6	70-4759-DU6-SB	70-4759-DU6-SB1	70-4759-DU6-SB2	70-4759-DU6-SB3	70-4759-DU6-SB4	70-4759-DU6-SB5	70-4740-SB101				
Field Sample ID:	070SB-0044M-0001-SO	070SB-0045M-0001-SO	070SB-0034M-0001-SO	070SB-0035M-0001-SO	070SB-0036M-0001-SO	070SB-0037M-0001-SO	070SB-0038M-0001-SO	070SB-0039M-0001-SO	070SB-0040M-0001-SO	070SB-101-0062-SO	070SB-101-0063-SO	070SB-101-0064-SO
Lab Sample ID:	240-18581-3	240-18581-4	240-17669-16	240-17669-17	240-17669-18	240-17669-19	240-17669-20	240-17669-21	240-17669-22	160-26618-1	160-26618-2	160-26618-3
Sample Date:	12/7/2012	12/7/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	11/13/2012	2/2/2018	2/2/2018	2/2/2018
Sample Depth:	1-7	1-7	1-4	4-7	1-7	1-7	1-7	1-7	1-7	2-4	4-6	6-7
Sample Type:	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Hexachlorobutadiene	87-68-3	0.34 U	0.27 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
Hexachlorocyclopentadiene	77-47-4	0.34 U	0.27 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
Hexachloroethane	67-72-1	0.34 U	0.27 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.041 U	0.034 U	0.016 U	0.016 U	0.016 U	0.017 U	0.017 U	0.019 U	0.11 U	0.11 U	0.12 U
Isophorone	78-59-1	0.34 U	0.27 U	<b>0.068 J</b>	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
N,N-Diphenylamine	122-39-4	-	-	-	-	-	-	-	-	0.11 U	0.11 U	0.12 U
Naphthalene	91-20-3	0.041 U	<b>0.07</b>	<b>0.066</b>	0.016 U	0.016 U	0.017 U	0.017 U	<b>0.13</b>	0.019 U	0.11 U	0.12 U
Nitrobenzene	98-95-3	0.041 U	0.034 U	0.016 U	0.016 U	0.017 U	0.017 U	0.017 U	0.017 U	0.019 U	0.11 U	0.12 U
N-Nitroso-di-n-propylamine	621-64-7	0.34 U	0.27 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.15 U	0.11 U	0.12 U
n-Nitrosodiphenylamine	86-30-6	0.34 R	0.27 UJ	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
Pentachlorophenol	87-86-5	1 R	0.81 U	0.4 U	0.4 U	0.41 U	0.41 U	0.41 U	0.47 U	0.38 U	0.38 U	0.39 U
Phenanthrene	85-01-8	0.041 U	<b>0.046 J</b>	0.016 U	0.016 U	0.016 U	0.017 U	0.017 U	<b>0.12</b>	0.019 U	0.11 U	0.12 U
Phenol	108-95-2	0.34 U	0.27 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.11 U	0.11 U	0.12 U
Pyrene	129-00-0	0.041 U	0.034 U	<b>0.046</b>	0.016 U	0.016 U	<b>0.017 J</b>	0.017 U	<b>0.11</b>	0.019 U	0.11 U	0.12 U
<b>Volatile Organic Compounds (mg/kg)</b>												
1,1,1-Trichloroethane	71-55-6	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
1,1,2,2-Tetrachloroethane	79-34-5	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
1,1,2-Trichloroethane	79-00-5	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
1,1-Dichloroethane	75-34-3	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
1,1-Dichloroethene	75-35-4	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.0024 U	0.0026 U	0.0024 U
1,2,4-Trimethylbenzene	95-63-6	-	-	-	-	-	-	-	-	0.00095 U	0.001 U	0.00095 U
1,2-Dibromoethane (EDB)	106-93-4	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
1,2-Dichloroethane	107-06-2	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
1,2-Dichloroethene	540-59-0	0.0011 UJ	-	-	-	-	-	-	0.00087 U	-	-	-
1,2-Dichloropropane	78-87-5	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
2-Butanone (MEK)	78-93-3	<b>0.012 J</b>	-	-	-	-	-	-	0.0017 U	0.0048 U	0.0052 U	0.0047 U
2-Hexanone	591-78-6	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.0048 U	0.0052 U	0.0047 U
4-Methyl-2-pentanone (MIBK)	108-10-1	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.0048 U	0.0052 U	0.0047 U
Acetone	67-64-1	<b>0.041 J</b>	-	-	-	-	-	-	0.0055 U	<b>0.015 J</b>	0.01 U	<b>0.014 J</b>
Benzene	71-43-2	<b>0.0013 J</b>	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Bromochloromethane	74-97-5	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
Bromodichloromethane	75-27-4	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Bromoform	75-25-2	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Bromomethane	74-83-9	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.0048 U	0.0052 U	0.0047 U
Carbon disulfide	75-15-0	0.00057 UJ	-	-	-	-	-	-	0.00043 U	<b>0.0012 J</b>	0.001 U	0.00095 U
Carbon tetrachloride	56-23-5	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Chlorobenzene	108-90-7	0.00057 UJ	-	-	-	-	-	-	0.00043 U	<b>0.001 J</b>	0.001 U	<b>0.003 J</b>
Chloroethane	75-00-3	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
Chloroform	67-66-3	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Chloromethane	74-87-3	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.0048 UJ	0.0052 UJ	0.0047 UJ
cis-1,2-Dichloroethene	156-59-2	-	-	-	-	-	-	-	-	0.00095 U	0.001 U	0.00095 U
cis-1,3-Dichloropropene	10061-01-5	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Dibromochloromethane	124-48-1	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
Ethylbenzene	100-41-4	<b>0.0018 J</b>	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Methylene chloride	75-09-2	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.0048 U	0.0052 U	0.0047 U
Styrene	100-42-5	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Tetrachloroethene (PCE)	127-18-4	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
Toluene	108-88-3	<b>0.0033 J</b>	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
trans-1,2-Dichloroethene	156-60-5	-	-	-	-	-	-	-	-	0.00095 U	0.001 U	0.00095 U
trans-1,3-Dichloropropene	10061-02-6	0.0011 UJ	-	-	-	-	-	-	0.00087 U	0.00095 U	0.001 U	0.00095 U
Trichloroethene (TCE)	79-01-6	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Vinyl chloride	75-01-4	0.00057 UJ	-	-	-	-	-	-	0.00043 U	0.00095 U	0.001 U	0.00095 U
Xylenes, Total	1330-20-7	0.0017 UJ	-	-	-	-	-	-	0.0013 U	0.0048 U	0.0052 U	0.0047 U



*This Page Intentionally Left Blank.*