

Table 2.2 a VOC Levels in Groundwater

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{h-v} (mg/L, 30-acre source area)	ULW Sample of GW-02 Prior to Developing (mg/L, 30-acre source area)	GW-01 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW101 (mg/L, 30-acre source area)	GW-02 10-21-2010 (mg/L, 30-acre source area)	EPA split GW MW201 (mg/L, 30-acre source area)	GW-03 10-19-2010 (mg/L, 30-acre source area)	GW-04 10-22-2010 (mg/L, 30-acre source area)
1,1,1-Trichloroethane	0.0002	0.001	5100	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,1,2,2-Tetrachloroethane	0.0002	0.001	5.70	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,1,2-Trichloroethane	0.0002	0.001	10	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,1,2-Trichlorotrifluoroethane	0.005	0.015	1200	<0.00500	<0.00500	<0.002	<0.00500	<0.002		<0.00500
1,1-Dichloroethane	0.0002	0.001	930	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,1-Dichloroethene	0.0002	0.001	220	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,2,4-Trichlorobenzene	0.0015	0.005	20	<0.00150	<0.00150	<0.005	<0.00150	<0.005		<0.00150
1,2-Dibromo-3-chloropropane	0.003	0.01	0.08	<0.00300	<0.00300	<0.005	<0.00300	<0.005		<0.00300
1,2-Dibromoethane	0.0002	0.001	0.72	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,2-Dichlorobenzene	0.0003	0.001	150	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
1,2-Dichloroethane	0.0003	0.001	4.3	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
1,2-Dichloropropane	0.0002	0.001	15	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
1,3-Dichlorobenzene	0.0003	0.001	25	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
1,4-Dichlorobenzene	0.0003	0.001	460	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
2-Butanone	0.005	0.015	350000	0.00933 J	<0.00500	<0.005	<0.00500	<0.005		<0.00500
2-Hexanone	0.005	0.015	1500	<0.00500	<0.00500	<0.005	<0.00500	<0.005		<0.00500
4-Methyl-2-pentanone	0.005	0.015	87000	<0.00500	<0.00500	<0.005	<0.00500	<0.005		<0.00500
Acetone	0.005	0.015	33000	0.00629 J	<0.00500	<0.010	<0.00500	<0.010		0.00714 J
Benzene	0.0002	0.001	23	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Bromodichloromethane	0.0002	0.001	NA	0.000900 J	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Bromoform	0.0002	0.001	670	0.00325	<0.000200	<0.002	0.000220 J	<0.002		<0.000200
Bromomethane	0.0003	0.001	6	<0.000300	<0.000300	<0.005	<0.000300	<0.005		<0.000300
Carbon disulfide	0.005	0.015	630	<0.00500	<0.00500	<0.002	<0.00500	<0.002		<0.00500
Carbon tetrachloride	0.0002	0.001	1.0	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Chlorobenzene	0.0002	0.001	150	<0.000200	<0.000200	<0.002	<0.000200	<0.002	Well Dry	<0.000200
Chloroethane	0.0003	0.001	15000	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
Chloroform	0.0003	0.001	2.6	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
Chloromethane	0.0003	0.001	4.7	<0.000300	<0.000300	<0.005	<0.000300	<0.005		<0.000300
cis-1,2-Dichloroethene	0.0002	0.001	2100	<0.000200	0.000350 J	<0.002	<0.000200	<0.002		<0.000200
cis-1,3-Dichloropropene	0.0002	0.001	30	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Cyclohexane	0.005	0.015	770	<0.00500 N	<0.00500 N	<0.002	<0.00500 N	<0.002		<0.00500 N
Dibromochloromethane	0.0002	0.001	NA	0.00283	<0.000200	<0.002	0.000240 J	<0.002		<0.000200
Dichlorodifluoromethane	0.0002	0.001	380	<0.000200	<0.000200	<0.005	<0.000200	<0.005		<0.000200
Ethylbenzene	0.0003	0.001	2000	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
Isopropylbenzene (Cumene)	0.0002	0.001	570	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
m,p-Xylene	0.0006	0.002	1200	<0.000600	<0.000600	<0.004	<0.000600	<0.004		<0.000600
Methyl Acetate	0.005	0.015	17000	<0.00500	<0.00500	<0.002	<0.00500	<0.002		<0.00500
Methyl tert-butyl ether	0.0003	0.001	520	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
Methylcyclohexane	0.005	0.015	180	<0.00500	<0.00500	<0.002	<0.00500	<0.002		<0.00500
Methylene chloride	0.0025	0.0025	160	<0.00250	<0.00250	<0.002	<0.00250	<0.002		<0.00250
o-Xylene	0.0003	0.001	98000	<0.000300	<0.000300	<0.002	<0.000300	<0.002		<0.000300
Styrene	0.0002	0.001	2000	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Tetrachloroethene	0.0006	0.002	64	<0.000600	<0.000600	<0.002	<0.000600	<0.002		<0.000600
Toluene	0.0006	0.002	8200	<0.000600	<0.000600	<0.002	<0.000600	<0.002		<0.000600
trans-1,2-Dichloroethene	0.0002	0.001	99	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
trans-1,3-Dichloropropene	0.0002	0.001	25	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Trichloroethene	0.0006	0.002	15	<0.000600	0.00910	0.0127	<0.000600	<0.002		<0.000600
Trichlorofluoromethane	0.0002	0.001	530	<0.000200	<0.000200	<0.002	<0.000200	<0.002		<0.000200
Vinyl chloride	0.0001	0.001	0.49	<0.000100	<0.000100	<0.002	<0.000100	<0.002		<0.000100

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{mn-v} (mg/L, 30-acre source area)	EPA split GW MW401 (mg/L, 30-acre source area)	GW-05 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW501 (mg/L, 30-acre source area)	GW-06 10-21-2010 (mg/L, 30-acre source area)	EPA split GW MW601 (mg/L, 30-acre source area)	GW-07 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW701 (mg/L, 30-acre source area)
1,1,1-Trichloroethane	0.0002	0.001	5100	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,1,2,2-Tetrachloroethane	0.0002	0.001	5.70	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,1,2-Trichloroethane	0.0002	0.001	10	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,1,2-Trichlorotrifluoroethane	0.005	0.015	1200	<0.002	<0.00500	<0.002	<0.00500	<0.002	<0.00500	<0.002
1,1-Dichloroethane	0.0002	0.001	930	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,1-Dichloroethene	0.0002	0.001	220	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,2,4-Trichlorobenzene	0.0015	0.005	20	<0.005	<0.00150	<0.005	<0.00150	<0.005	<0.00150	<0.005
1,2-Dibromo-3-chloropropane	0.003	0.01	0.08	<0.005	<0.00300	<0.005	<0.00300	<0.005	<0.00300	<0.005
1,2-Dibromoethane	0.0002	0.001	0.72	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,2-Dichlorobenzene	0.0003	0.001	150	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
1,2-Dichloroethane	0.0003	0.001	4.3	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
1,2-Dichloropropane	0.0002	0.001	15	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
1,3-Dichlorobenzene	0.0003	0.001	25	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
1,4-Dichlorobenzene	0.0003	0.001	460	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
2-Butanone	0.005	0.015	350000	<0.005	<0.00500	<0.005	<0.00500	<0.005	<0.00500	<0.005
2-Hexanone	0.005	0.015	1500	<0.005	<0.00500	<0.005	<0.00500	<0.005	<0.00500	<0.005
4-Methyl-2-pentanone	0.005	0.015	87000	<0.005	<0.00500	<0.005	<0.00500	<0.005	<0.00500	<0.005
Acetone	0.005	0.015	33000	0.01	<0.00500	<0.010	<0.00500	<0.010	0.0175	0.0192 B
Benzene	0.0002	0.001	23	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Bromodichloromethane	0.0002	0.001	NA	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Bromoform	0.0002	0.001	670	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Bromomethane	0.0003	0.001	6	<0.005	<0.000300	<0.005	<0.000300	<0.005	<0.000300	<0.005
Carbon disulfide	0.005	0.015	630	<0.002	<0.00500	<0.002	<0.00500	<0.002	<0.00500	<0.002
Carbon tetrachloride	0.0002	0.001	1.0	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Chlorobenzene	0.0002	0.001	150	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Chloroethane	0.0003	0.001	15000	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
Chloroform	0.0003	0.001	2.6	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
Chloromethane	0.0003	0.001	4.7	<0.005	<0.000300	<0.005	<0.000300	<0.005	<0.000300	<0.005
cis-1,2-Dichloroethene	0.0002	0.001	2100	<0.002	0.000280 J	<0.002	<0.000200	<0.002	<0.000200	<0.002
cis-1,3-Dichloropropene	0.0002	0.001	30	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Cyclohexane	0.005	0.015	770	<0.002	<0.00500 N	<0.002	<0.00500 N	<0.002	<0.00500 N	<0.002
Dibromochloromethane	0.0002	0.001	NA	<0.002	0.000210 J	<0.002	<0.000200	<0.002	<0.000200	<0.002
Dichlorodifluoromethane	0.0002	0.001	380	<0.005	<0.000200	<0.005	<0.000200	<0.005	<0.000200	<0.005
Ethylbenzene	0.0003	0.001	2000	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
Isopropylbenzene (Cumene)	0.0002	0.001	570	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
m,p-Xylene	0.0006	0.002	1200	<0.004	<0.000600	<0.004	<0.000600	<0.004	<0.000600	<0.004
Methyl Acetate	0.005	0.015	17000	<0.002	<0.00500	<0.002	<0.00500	<0.002	<0.00500	<0.002
Methyl tert-butyl ether	0.0003	0.001	520	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
Methylcyclohexane	0.005	0.015	180	<0.002	<0.00500	<0.002	<0.00500	<0.002	<0.00500	<0.002
Methylene chloride	0.0025	0.0025	160	<0.002	<0.00250	<0.002	<0.00250	<0.002	<0.00250	<0.002
o-Xylene	0.0003	0.001	98000	<0.002	<0.000300	<0.002	<0.000300	<0.002	<0.000300	<0.002
Styrene	0.0002	0.001	2000	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Tetrachloroethene	0.0006	0.002	64	<0.002	0.00222	0.0026	<0.000600	<0.002	<0.000600	<0.002
Toluene	0.0006	0.002	8200	<0.002	<0.000600	<0.002	<0.000600	<0.002	<0.000600	<0.002
trans-1,2-Dichloroethene	0.0002	0.001	99	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
trans-1,3-Dichloropropene	0.0002	0.001	25	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Trichloroethene	0.0006	0.002	15	<0.002	<0.000600	<0.002	<0.000600	<0.002	<0.000600	<0.002
Trichlorofluoromethane	0.0002	0.001	530	<0.002	<0.000200	<0.002	<0.000200	<0.002	<0.000200	<0.002
Vinyl chloride	0.0001	0.001	0.49	<0.002	<0.000100	<0.002	<0.000100	<0.002	<0.000100	<0.002

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW ₁₀ -v (mg/L, 30-acre source area)	GW-08 22-2010 v	EPA split GW MW801 (mg/L, 30-acre source area)	GW Dup-1 Duplicate Sample of GW-08 10-22-2010 (mg/L, 30-acre source area)	GW EB 1 10-18-2010 (mg/L, 30-acre source area)	GW EB 2 10-18-2010 (mg/L, 30-acre source area)	GW EB-03 10-19-2010 (mg/L, 30-acre source area)	GW-EB-4 10-20-2010 (mg/L, 30-acre source area)
1,1,1-Trichloroethane	0.0002	0.001	5100	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2,2-Tetrachloroethane	0.0002	0.001	5.70	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichloroethane	0.0002	0.001	10	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichlorotrifluoroethane	0.005	0.015	1200	<0.00500	<0.002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	0.0002	0.001	930	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1-Dichloroethene	0.0002	0.001	220	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,2,4-Trichlorobenzene	0.0015	0.005	20	<0.00150	<0.005	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
1,2-Dibromo-3-chloropropane	0.003	0.01	0.08	<0.00300	<0.005	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
1,2-Dibromoethane	0.0002	0.001	0.72	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,2-Dichlorobenzene	0.0003	0.001	150	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
1,2-Dichloroethane	0.0003	0.001	4.3	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
1,2-Dichloropropane	0.0002	0.001	15	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,3-Dichlorobenzene	0.0003	0.001	25	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
1,4-Dichlorobenzene	0.0003	0.001	460	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
2-Butanone	0.005	0.015	350000	<0.00500	<0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Hexanone	0.005	0.015	1500	<0.00500	<0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-pentanone	0.005	0.015	87000	<0.00500	<0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Acetone	0.005	0.015	33000	0.0349	0.0351	0.0334	<0.00500	0.00629 J	0.00654 J	<0.00500
Benzene	0.0002	0.001	23	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Bromodichloromethane	0.0002	0.001	NA	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Bromoform	0.0002	0.001	670	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Bromomethane	0.0003	0.001	6	<0.000300	<0.005	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Carbon disulfide	0.005	0.015	630	<0.00500	<0.002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Carbon tetrachloride	0.0002	0.001	1.0	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Chlorobenzene	0.0002	0.001	150	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Chloroethane	0.0003	0.001	15000	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloroform	0.0003	0.001	2.6	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	0.000380 J
Chloromethane	0.0003	0.001	4.7	<0.000300	<0.005	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
cis-1,2-Dichloroethene	0.0002	0.001	2100	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
cis-1,3-Dichloropropene	0.0002	0.001	30	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Cyclohexane	0.005	0.015	770	<0.00500 N	<0.002	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500 N
Dibromochloromethane	0.0002	0.001	NA	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Dichlorodifluoromethane	0.0002	0.001	380	<0.000200	<0.005	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Ethylbenzene	0.0003	0.001	2000	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Isopropylbenzene (Cumene)	0.0002	0.001	570	0.00418	0.0048	0.00430	<0.000200	<0.000200	<0.000200	<0.000200
m,p-Xylene	0.0006	0.002	1200	<0.000600	<0.004	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Methyl Acetate	0.005	0.015	17000	<0.00500	<0.002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methyl tert-butyl ether	0.0003	0.001	520	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Methylcyclohexane	0.005	0.015	180	<0.00500	<0.002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methylene chloride	0.0025	0.0025	160	<0.00250	<0.002	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
o-Xylene	0.0003	0.001	98000	<0.000300	<0.002	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Styrene	0.0002	0.001	2000	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Tetrachloroethene	0.0006	0.002	64	<0.000600	<0.002	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Toluene	0.0006	0.002	8200	<0.000600	<0.002	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
trans-1,2-Dichloroethene	0.0002	0.001	99	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
trans-1,3-Dichloropropene	0.0002	0.001	25	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Trichloroethene	0.0006	0.002	15	<0.000600	<0.002	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Trichlorofluoromethane	0.0002	0.001	530	<0.000200	<0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Vinyl chloride	0.0001	0.001	0.49	<0.000100	<0.002	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{HH-V} (mg/L, 30-acre source area)	GW-EB-5 10-20-2010 (mg/L, 30-acre source area)	GW EB-1 10/22/10 (mg/L, 30-acre source area)	Trip Blank 10/18/10 1010123-01 (mg/L, 30-acre source area)	GW-TB3 10/19/101010 145-01 (mg/L, 30-acre source area)	GW-TB-4 10/19/10 1010145-08 (mg/L, 30-acre source area)	Trip Blank 10/20/10 1010157-07 (mg/L, 30-acre source area)	Trip Blank 10/21/10 1010167-01 (mg/L, 30-acre source area)
1,1,1-Trichloroethane	0.0002	0.001	5100	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2,2-Tetrachloroethane	0.0002	0.001	5.70	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichloroethane	0.0002	0.001	10	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichlorotrifluoroethane	0.005	0.015	1200	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
1,1-Dichloroethane	0.0002	0.001	930	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,1-Dichloroethene	0.0002	0.001	220	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,2,4-Trichlorobenzene	0.0015	0.005	20	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00500	<0.00150
1,2-Dibromo-3-chloropropane	0.003	0.01	0.08	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00500	<0.00300
1,2-Dibromoethane	0.0002	0.001	0.72	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,2-Dichlorobenzene	0.0003	0.001	150	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000200	<0.000300
1,2-Dichloroethane	0.0003	0.001	4.3	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000200	<0.000300
1,2-Dichloropropane	0.0002	0.001	15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
1,3-Dichlorobenzene	0.0003	0.001	25	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.00150	<0.000300
1,4-Dichlorobenzene	0.0003	0.001	460	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.00150	<0.000300
2-Butanone	0.005	0.015	350000	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00300	<0.00500
2-Hexanone	0.005	0.015	1500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00300	<0.00500
4-Methyl-2-pentanone	0.005	0.015	87000	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
Acetone	0.005	0.015	33000	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
Benzene	0.0002	0.001	23	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000300	<0.000200
Bromodichloromethane	0.0002	0.001	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000300	<0.000200
Bromoform	0.0002	0.001	670	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000300	<0.000200
Bromomethane	0.0003	0.001	6	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Carbon disulfide	0.005	0.015	630	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
Carbon tetrachloride	0.0002	0.001	1.0	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Chlorobenzene	0.0002	0.001	150	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000300	<0.000200
Chloroethane	0.0003	0.001	15000	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloroform	0.0003	0.001	2.6	<0.000300	0.000320 J	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloromethane	0.0003	0.001	4.7	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
cis-1,2-Dichloroethene	0.0002	0.001	2100	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
cis-1,3-Dichloropropene	0.0002	0.001	30	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
Cyclohexane	0.005	0.015	770	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500	<0.00500 N
Dibromochloromethane	0.0002	0.001	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
Dichlorodifluoromethane	0.0002	0.001	380	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
Ethylbenzene	0.0003	0.001	2000	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.00500	<0.000300
Isopropylbenzene (Cumene)	0.0002	0.001	570	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00986 J	<0.000200
m,p-Xylene	0.0006	0.002	1200	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600	<0.00500	<0.000600
Methyl Acetate	0.005	0.015	17000	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
Methyl tert-butyl ether	0.0003	0.001	520	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000200	<0.000300
Methylcyclohexane	0.005	0.015	180	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000200	<0.00500
Methylene chloride	0.0025	0.0025	160	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.000200	<0.00250
o-Xylene	0.0003	0.001	98000	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300	<0.000200	<0.000300
Styrene	0.0002	0.001	2000	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Tetrachloroethene	0.0006	0.002	64	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600	<0.000300	<0.000600
Toluene	0.0006	0.002	8200	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600	<0.000300	<0.000600
trans-1,2-Dichloroethene	0.0002	0.001	99	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
trans-1,3-Dichloropropene	0.0002	0.001	25	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.00500	<0.000200
Trichloroethene	0.0006	0.002	15	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600	<0.000200	<0.000600
Trichlorofluoromethane	0.0002	0.001	530	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Vinyl chloride	0.0001	0.001	0.49	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100	<0.000200	<0.000100

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{MB-V} (mg/L, 30-acre source area)	GW FB-2 (Near MW-1) 10-19-2010 (mg/L, 30-acre source area)	GW-FB-3 (Near MW-1) 10-20-2010 (mg/L, 30-acre source area)	GW-FB-4 (Near MW-2) 10-21-2010 (mg/L, 30-acre source area)	GW-FB-5 (Near MW-36) 10-22-2010 (mg/L, 30-acre source area)
1,1,1-Trichloroethane	0.0002	0.001	5100	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2,2-Tetrachloroethane	0.0002	0.001	5.70	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichloroethane	0.0002	0.001	10	<0.000200	<0.000200	<0.000200	<0.000200
1,1,2-Trichlorotrifluoroethane	0.005	0.015	1200	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	0.0002	0.001	930	<0.000200	<0.000200	<0.000200	<0.000200
1,1-Dichloroethene	0.0002	0.001	220	<0.000200	<0.000200	<0.000200	<0.000200
1,2,4-Trichlorobenzene	0.0015	0.005	20	<0.00150	<0.00150	<0.00150	<0.00150
1,2-Dibromo-3-chloropropane	0.003	0.01	0.08	<0.00300	<0.00300	<0.00300	<0.00300
1,2-Dibromoethane	0.0002	0.001	0.72	<0.000200	<0.000200	<0.000200	<0.000200
1,2-Dichlorobenzene	0.0003	0.001	150	<0.000300	<0.000300	<0.000300	<0.000300
1,2-Dichloroethane	0.0003	0.001	4.3	<0.000300	<0.000300	<0.000300	<0.000300
1,2-Dichloropropane	0.0002	0.001	15	<0.000200	<0.000200	<0.000200	<0.000200
1,3-Dichlorobenzene	0.0003	0.001	25	<0.000300	<0.000300	<0.000300	<0.000300
1,4-Dichlorobenzene	0.0003	0.001	460	<0.000300	<0.000300	<0.000300	<0.000300
2-Butanone	0.005	0.015	350000	<0.00500	<0.00500	<0.00500	<0.00500
2-Hexanone	0.005	0.015	1500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-pentanone	0.005	0.015	87000	<0.00500	<0.00500	<0.00500	<0.00500
Acetone	0.005	0.015	33000	0.00825 J	<0.00500	<0.00500	<0.00500
Benzene	0.0002	0.001	23	<0.000200	<0.000200	<0.000200	<0.000200
Bromodichloromethane	0.0002	0.001	NA	<0.000200	<0.000200	<0.000200	<0.000200
Bromoform	0.0002	0.001	670	<0.000200	<0.000200	<0.000200	<0.000200
Bromomethane	0.0003	0.001	6	<0.000300	<0.000300	<0.000300	<0.000300
Carbon disulfide	0.005	0.015	630	<0.00500	<0.00500	<0.00500	<0.00500
Carbon tetrachloride	0.0002	0.001	1.0	<0.000200	<0.000200	<0.000200	<0.000200
Chlorobenzene	0.0002	0.001	150	<0.000200	<0.000200	<0.000200	<0.000200
Chloroethane	0.0003	0.001	15000	<0.000300	<0.000300	<0.000300	<0.000300
Chloroform	0.0003	0.001	2.6	<0.000300	0.000410 J	0.000350 J	<0.000300
Chloromethane	0.0003	0.001	4.7	<0.000300	<0.000300	<0.000300	<0.000300
cis-1,2-Dichloroethene	0.0002	0.001	2100	<0.000200	<0.000200	<0.000200	<0.000200
cis-1,3-Dichloropropene	0.0002	0.001	30	<0.000200	<0.000200	<0.000200	<0.000200
Cyclohexane	0.005	0.015	770	<0.00500 N	<0.00500 N	<0.00500 N	<0.00500 N
Dibromochloromethane	0.0002	0.001	NA	<0.000200	<0.000200	<0.000200	<0.000200
Dichlorodifluoromethane	0.0002	0.001	380	<0.000200	<0.000200	<0.000200	<0.000200
Ethylbenzene	0.0003	0.001	2000	<0.000300	<0.000300	<0.000300	<0.000300
Isopropylbenzene (Cumene)	0.0002	0.001	570	<0.000200	<0.000200	<0.000200	<0.000200
m,p-Xylene	0.0006	0.002	1200	<0.000600	<0.000600	<0.000600	<0.000600
Methyl Acetate	0.005	0.015	17000	<0.00500	<0.00500	<0.00500	<0.00500
Methyl tert-butyl ether	0.0003	0.001	520	<0.000300	<0.000300	<0.000300	<0.000300
Methylcyclohexane	0.005	0.015	180	<0.00500	<0.00500	<0.00500	<0.00500
Methylene chloride	0.0025	0.0025	160	<0.00250	<0.00250	<0.00250	<0.00250
o-Xylene	0.0003	0.001	98000	<0.000300	<0.000300	<0.000300	<0.000300
Styrene	0.0002	0.001	2000	<0.000200	<0.000200	<0.000200	<0.000200
Tetrachloroethene	0.0006	0.002	64	<0.000600	<0.000600	<0.000600	<0.000600
Toluene	0.0006	0.002	8200	<0.000600	0.000630 J	<0.000600	<0.000600
trans-1,2-Dichloroethene	0.0002	0.001	99	<0.000200	<0.000200	<0.000200	<0.000200
trans-1,3-Dichloropropene	0.0002	0.001	25	<0.000200	<0.000200	<0.000200	<0.000200
Trichloroethene	0.0006	0.002	15	<0.000600	<0.000600	<0.000600	<0.000600
Trichlorofluoromethane	0.0002	0.001	530	<0.000200	<0.000200	<0.000200	<0.000200
Vinyl chloride	0.0001	0.001	0.49	<0.000100	<0.000100	<0.000100	<0.000100

Notes:

J = Analyte detected between MDL and RL or SDL and RL
N = Parameter not NELAC Certified
NL = Not Listed
MDL = Method Detection Limit
MQL = Method Quantitation Limit
Blue = Detectable Concentration

Table 2.2 b PAH Levels in Groundwater

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-V} (mg/L, 30-acre source area)	ULW Sample of GW-02 Prior to Developing (mg/L, 30-acre source area)	GW-01 10-22-2010 (mg/L, 30-acre source area)	EPA split GMMW101 (mg/L, 30-acre source area)	GW-02 10-21-2010 (mg/L, 30-acre source area)	EPA split GMMW201 (mg/L, 30-acre source area)	GW-03 10-19-2010 (mg/L, 30-acre source area)	GW-04 10-22-2010 (mg/L, 30-acre source area)	EPA split GMMW401 (mg/L, 30-acre source area)	GW-05 10-22-2010 (mg/L, 30-acre source area)	EPA split GMMW501 (mg/L, 30-acre source area)	GW-06 10-21-2010 (mg/L, 30-acre source area)	
Acenaphthene	0.000025	0.00005	N/A	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005	Wei Dry	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	
Acenaphthylene	0.000025	0.00005	N/A	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Anthracene	0.000025	0.00005	N/A	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Benzo[a]anthracene	0.000025	0.00005	260	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Benzo[a]pyrene	0.000025	0.00005	50	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Benzo[b]fluoranthene	0.000025	0.00005	210	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Benzo[g,h,i]perylene	0.000025	0.00005	NA	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Benzo[k]fluoranthene	0.000025	0.00005	13000	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Chrysene	0.000025	0.00005	75000	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Dibenz[a,h]anthracene	0.000025	0.00001	130	<0.00000500	<0.00000500	<0.0005	<0.00000500	<0.0005		<0.00000500	<0.0005	<0.00000500	<0.0005	<0.00000500	<0.00000500
Fluoranthene	0.000025	0.00005	NA	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Fluorene	0.000025	0.00005	NA	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Indeno[1,2,3-cd]pyrene	0.000025	0.00005	1200	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Naphthalene	0.000025	0.00005	41	<0.0000250	<0.0000250	<0.0005	0.0000374 J	<0.0005		<0.0000250	0.0000357 J	<0.0005	<0.0000250	<0.0005	<0.0000250
Phenanthrene	0.000025	0.00005	N/A	0.0000310 J	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250
Pyrene	0.000025	0.00005	N/A	<0.0000250	<0.0000250	<0.0005	<0.0000250	<0.0005		<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	EPA split GWMW601 (mg/L, 30-acre source area)	GW-07 10-22-2010 (mg/L, 30-acre source area)	EPA split GWMW401 (mg/L, 30-acre source area)	GW-08 10-22-2010 (mg/L, 30-acre source area)	EPA split GWMW801 (mg/L, 30-acre source area)	GW Dup-1 Duplicate Sample of GW-08 10-22-2010 (mg/L, 30-acre source area)	GW EB 1 10-18-2010 (mg/L, 30-acre source area)	GW EB 2 10-18-2010 (mg/L, 30-acre source area)	GW EB-03 10-19-2010 (mg/L, 30-acre source area)	GW-EB-4 10-20-2010 (mg/L, 30-acre source area)	GW-EB-5 10-21-2010 (mg/L, 30-acre source area)	GW EB-1 10/22/10 (mg/L, 30-acre source area)
Acenaphthene	0.000025	0.00005	N/A	<0.0005	<0.0000250	<0.0005	0.000200	<0.0005	0.000237	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Acenaphthylene	0.000025	0.00005	N/A	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Anthracene	0.000025	0.00005	N/A	<0.0005	0.0000567	<0.0005	0.0000262 J	<0.0005	0.0000300 J	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Benzo[a]anthracene	0.000025	0.00005	260	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Benzo[a]pyrene	0.000025	0.00005	50	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Benzo[b]fluoranthene	0.000025	0.00005	210	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Benzo[g,h,i]perylene	0.000025	0.00005	NA	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Benzo[k]fluoranthene	0.000025	0.00005	13000	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Chrysene	0.000025	0.00005	75000	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Dibenz[a,h]anthracene	0.000025	0.00001	130	<0.0005	<0.00000500	<0.0005	<0.00000500	<0.0005	<0.00000500	<0.00000500	<0.00000500	<0.00000500	<0.00000500	<0.00000500	<0.00000500
Fluoranthene	0.000025	0.00005	NA	<0.0005	<0.0000250	<0.0005	0.0000357 J	<0.0005	0.0000364 J	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Fluorene	0.000025	0.00005	NA	<0.0005	<0.0000250	<0.0005	0.0000522	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Indeno[1,2,3-cd]pyrene	0.000025	0.00005	1200	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0005	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Naphthalene	0.000025	0.00005	41	<0.0005	<0.0000250	<0.0005	0.000301	<0.0005	0.000381	0.000148	0.000126	0.000130	<0.0000250	<0.0000250	<0.0000250
Phenanthrene	0.000025	0.00005	N/A	<0.0005	<0.0000250	<0.0005	0.0000382 J	<0.0005	0.0000535	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
Pyrene	0.000025	0.00005	N/A	<0.0005	<0.0000250	<0.0005	0.0000418 J	<0.0005	0.0000437 J	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250

Notes:

J = Analyte detected between MDL and RL or SDL and RL

N = Parameter not NELAC Certified

N/A = Not Applicable

MDL = Method Detection Limit

MQL = Method Quantitation Limit

Blue = Detectable Concentration

Table 2.2 c TPH Levels in Groundwater

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	ULW Sample of GW-02 Prior to Developing (mg/L, 30-acre source area)	GW-01 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW101 (mg/L, 30-acre source area)	GW-02 10-21-2010 (mg/L, 30-acre source area)	EPA split GW MW201 (mg/L, 30-acre source area)
Hydrocarbons: >C12-C28	0.7	2	970	<0.680	<0.665	<4.6	<0.659	<4.61
Hydrocarbons: >C28-C35	0.7	2	970	<0.680	<0.665	<4.6	<0.659	<4.61
Hydrocarbons: C6-C12	0.7	2	230	<0.680	<0.665	<4.6	<0.659	<4.61
Hydrocarbons: C6-C35	0.7	2	NL	<0.680	<0.665	<4.6	<0.659	<4.61

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	GW-07 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW701 (mg/L, 30-acre source area)	GW-08 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW801 (mg/L, 30-acre source area)	GW Dup-1 Duplicate Sample of GW-08 10-22-2010 (mg/L, 30-acre source area)
Hydrocarbons: >C12-C28	0.7	2	970	<0.680	<4.73	<0.697	<4.77	<0.686
Hydrocarbons: >C28-C35	0.7	2	970	<0.680	<4.73	<0.697	<4.77	<0.686
Hydrocarbons: C6-C12	0.7	2	230	<0.680	<4.73	<0.697	<4.77	<0.686
Hydrocarbons: C6-C35	0.7	2	NL	<0.680	<4.73	<0.697	<4.77	<0.686

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	GW-EB-5 10-21-2010 (mg/L, 30-acre source area)	GW EB-1 10/22/10 (mg/L, 30-acre source area)
Hydrocarbons: >C12-C28	0.7	2	970	<0.670	<0.677
Hydrocarbons: >C28-C35	0.7	2	970	<0.670	<0.677
Hydrocarbons: C6-C12	0.7	2	230	<0.670	<0.677
Hydrocarbons: C6-C35	0.7	2	NL	<0.670	<0.677

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	GW-03 10-19-2010 (mg/L, 30-acre source area)	GW-04 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW401 (mg/L, 30-acre source area)	GW-05 10-22-2010 (mg/L, 30-acre source area)	EPA split GW MW501 (mg/L, 30-acre source area)	GW-06 10-21-2010 (mg/L, 30-acre source area)	EPA split GW MW601 (mg/L, 30-acre source area)
Hydrocarbons: >C12-C28	0.7	2	970	Well Dry	<0.682	<4.7	<0.668	<4.58	<0.666	<4.58
Hydrocarbons: >C28-C35	0.7	2	970		<0.682	<4.7	<0.668	<4.58	<0.666	<4.58
Hydrocarbons: C6-C12	0.7	2	230		<0.682	<4.7	<0.668	<4.58	<0.666	<4.58
Hydrocarbons: C6-C35	0.7	2	NL		<0.682	<4.7	<0.668	<4.58	<0.666	<4.58

COC	Laboratory MDL (mg/L)	Laboratory MQL (mg/L)	AirGW _{inh-v} (mg/L, 30-acre source area)	GW EB-1 10-18-2010 (mg/L, 30-acre source area)	GW EB 02 10-18-2010 (mg/L, 30-acre source area)	GW EB-03 10-19-2010 (mg/L, 30-acre source area)	GW-EB-4 10-20-2010 (mg/L, 30-acre source area)
Hydrocarbons: >C12-C28	0.7	2	970	<0.693	<0.696	<0.680	<0.678
Hydrocarbons: >C28-C35	0.7	2	970	<0.693	<0.696	<0.680	<0.678
Hydrocarbons: C6-C12	0.7	2	230	<0.693	<0.696	<0.680	<0.678
Hydrocarbons: C6-C35	0.7	2	NL	<0.693	<0.696	<0.680	<0.678

Notes:

NL = Not Listed

MDL = Method Detection Limit

MQL = Method Quantitation Limit

Table 2.2 d VOC Levels in Soil

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^{Soil Comb} 30 Acre Source Area (mg/kg)	SO-MW1-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-FD-2 Duplicate Sample of SO-MW1-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SOMW101 30 Acre Source Area (mg/kg)	SO-MW1-02 10-19-2010 30 Acre Source Area (mg/kg)
				10-15	10-15	10-15	15-20
Sample Depth (ft)							
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00113	<0.00130	<0.0046	<0.00111
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00113	<0.00130	<0.0046	<0.00111
1,1,2-Trichloroethane	0.001	0.005	10	<0.00113	<0.00130	<0.0046	<0.00111
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00563	<0.00650	<0.0046	<0.00553
1,1-Dichloroethane	0.001	0.005	2600	<0.00113	<0.00130	<0.0046	<0.00111
1,1-Dichloroethene	0.001	0.005	1600	<0.00113	<0.00130	<0.0046	<0.00111
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00113	<0.00130	<0.0046	<0.00111
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00113	<0.00130	<0.0046	<0.00111
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00113	<0.00130	<0.0046	<0.00111
1,2-Dichlorobenzene	0.001	0.005	390	<0.00113	<0.00130	<0.0046	<0.00111
1,2-Dichloroethane	0.001	0.005	6.4	<0.00113	<0.00130	<0.0046	<0.00111
1,2-Dichloropropane	0.001	0.005	31	<0.00113	<0.00130	<0.0046	<0.00111
1,3-Dichlorobenzene	0.001	0.005	62	<0.00113	<0.00130	<0.0046	<0.00111
1,4-Dichlorobenzene	0.001	0.005	250	<0.00113	<0.00130	<0.0046	<0.00111
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00563	<0.00650	<0.0046	<0.00553
2-Hexanone	0.005	0.015	210	<0.00563	<0.00650	<0.0046	<0.00553
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00563	<0.00650	<0.0046	<0.00553
Acetone	0.015	0.05	5400	<0.0169	<0.0195	<0.0092	<0.0166
Benzene	0.001	0.005	48	<0.00113	<0.00130	<0.0046	<0.00111
Bromodichloromethane	0.001	0.005	98	<0.00113	<0.00130	<0.0046	<0.00111
Bromoform	0.001	0.005	280	<0.00113	<0.00130	<0.0046	<0.00111
Bromomethane	0.001	0.005	29	<0.00113	<0.00130	<0.0046	<0.00111
Carbon disulfide	0.001	0.005	3300	<0.00113	<0.00130	<0.0046	<0.00111
Carbon tetrachloride	0.001	0.005	9.7	<0.00113	<0.00130	<0.0046	<0.00111
Chlorobenzene	0.001	0.005	320	<0.00113	<0.00130	<0.0046	<0.00111
Chloroethane	0.001	0.005	23000	<0.00113	<0.00130	<0.0046	<0.00111
Chloroform	0.001	0.005	8	<0.00113	<0.00130	<0.0046	<0.00111
Chloromethane	0.001	0.005	84	<0.00113	<0.00130	<0.0046	<0.00111
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00113	<0.00130	<0.0046	<0.00111
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00113	<0.00130	<0.0046	<0.00111
Cyclohexane	0.005	0.015	42000	<0.00563 N	<0.00650 N	<0.0046	<0.00553 N
Dibromochloromethane	0.001	0.005	72	<0.00113	<0.00130	<0.0046	<0.00111
Dichlorodifluoromethane	0.001	0.005	12000	<0.00113	<0.00130	<0.0046	<0.00111
Ethylbenzene	0.001	0.005	4000	<0.00113	<0.00130	<0.0046	<0.00111
Isopropylbenzene	0.001	0.005	3000	<0.00113	<0.00130	<0.0046	<0.00111
m,p-Xylene	0.001	0.005	4700	<0.00113	<0.00130	<0.0092	<0.00111
Methyl Acetate	0.005	0.015	4500	<0.00563	<0.00650	<0.0046	<0.00553
Methyl tert-butyl ether	0.001	0.005	590	<0.00113	<0.00130	<0.0046	<0.00111
Methylcyclohexane	0.005	0.015	22000	<0.00563	<0.00650	<0.0046	<0.00553
Methylene chloride	0.005	0.005	260	<0.00563	<0.00650	<0.0046	<0.00553
o-Xylene	0.001	0.005	29000	<0.00113	<0.00130	<0.0046	<0.00111
Styrene	0.001	0.005	4300	<0.00113	<0.00130	<0.0046	<0.00111
Tetrachloroethene	0.001	0.005	94	<0.00113	<0.00130	<0.0046	<0.00111
Toluene	0.001	0.005	5400	<0.00113	<0.00130	<0.0046	<0.00111
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00113	<0.00130	<0.0046	<0.00111
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00113	<0.00130	<0.0046	<0.00111
Trichloroethene	0.001	0.005	68	<0.00113	<0.00130	<0.0046	<0.00111
Trichlorofluoromethane	0.005	0.015	12000	<0.00563	<0.00650	<0.0046	<0.00553
Vinyl chloride	0.001	0.005	3.4	<0.00113	<0.00130	<0.0046	<0.00111

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-MW2-01	EPA split SO	SO-MW2-02	EPA split SO
				10-19-2010 30 Acre Source Area (mg/kg)	MW201 30 Acre Source Area (mg/kg)	10-19-2010 30 Acre Source Area (mg/kg)	MW202 30 Acre Source Area (mg/kg)
Sample Depth (ft)				0-2.5	0-2.5	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.000932	<0.0039	<0.00110	<0.0049
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.000932	<0.0039	<0.00110	<0.0049
1,1,2-Trichloroethane	0.001	0.005	10	<0.000932	<0.0039	<0.00110	<0.0049
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00466	<0.0039	<0.00552	<0.0049
1,1-Dichloroethane	0.001	0.005	2600	<0.000932	<0.0039	<0.00110	<0.0049
1,1-Dichloroethene	0.001	0.005	1600	<0.000932	<0.0039	<0.00110	<0.0049
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.000932	<0.0039	<0.00110	<0.0049
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.000932	<0.0039	<0.00110	<0.0049
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.000932	<0.0039	<0.00110	<0.0049
1,2-Dichlorobenzene	0.001	0.005	390	<0.000932	<0.0039	<0.00110	<0.0049
1,2-Dichloroethane	0.001	0.005	6.4	<0.000932	<0.0039	<0.00110	<0.0049
1,2-Dichloropropane	0.001	0.005	31	<0.000932	<0.0039	<0.00110	<0.0049
1,3-Dichlorobenzene	0.001	0.005	62	<0.000932	<0.0039	<0.00110	<0.0049
1,4-Dichlorobenzene	0.001	0.005	250	<0.000932	<0.0039	<0.00110	<0.0049
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00466	<0.0039	<0.00552	<0.0049
2-Hexanone	0.005	0.015	210	<0.00466	<0.0039	<0.00552	<0.0049
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00466	<0.0039	<0.00552	<0.0049
Acetone	0.015	0.05	5400	<0.0140	<0.0077	<0.0166	<0.0098
Benzene	0.001	0.005	48	<0.000932	<0.0039	<0.00110	<0.0049
Bromodichloromethane	0.001	0.005	98	<0.000932	<0.0039	<0.00110	<0.0049
Bromoform	0.001	0.005	280	<0.000932	<0.0039	<0.00110	<0.0049
Bromomethane	0.001	0.005	29	<0.000932	<0.0039	<0.00110	<0.0049
Carbon disulfide	0.001	0.005	3300	<0.000932	<0.0039	<0.00110	<0.0049
Carbon tetrachloride	0.001	0.005	9.7	<0.000932	<0.0039	<0.00110	<0.0049
Chlorobenzene	0.001	0.005	320	<0.000932	<0.0039	<0.00110	<0.0049
Chloroethane	0.001	0.005	23000	<0.000932	<0.0039	<0.00110	<0.0049
Chloroform	0.001	0.005	8	<0.000932	<0.0039	<0.00110	<0.0049
Chloromethane	0.001	0.005	84	<0.000932	<0.0039	<0.00110	<0.0049
cis-1,2-Dichloroethene	0.001	0.005	720	<0.000932	<0.0039	<0.00110	<0.0049
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.000932	<0.0039	<0.00110	<0.0049
Cyclohexane	0.005	0.015	42000	<0.00466 N	<0.0039	<0.00552 N	<0.0049
Dibromochloromethane	0.001	0.005	72	<0.000932	<0.0039	<0.00110	<0.0049
Dichlorodifluoromethane	0.001	0.005	12000	<0.000932	<0.0039	<0.00110	<0.0049
Ethylbenzene	0.001	0.005	4000	<0.000932	<0.0039	<0.00110	<0.0049
Isopropylbenzene	0.001	0.005	3000	<0.000932	<0.0039	<0.00110	<0.0049
m,p-Xylene	0.001	0.005	4700	<0.000932	<0.0077	<0.00110	<0.0098
Methyl Acetate	0.005	0.015	4500	<0.00466	<0.0039	<0.00552	<0.0049
Methyl tert-butyl ether	0.001	0.005	590	<0.000932	<0.0039	<0.00110	<0.0049
Methylcyclohexane	0.005	0.015	22000	<0.00466	<0.0039	<0.00552	<0.0049
Methylene chloride	0.005	0.005	260	<0.00466	<0.0039	<0.00552	<0.0049
o-Xylene	0.001	0.005	29000	<0.000932	<0.0039	<0.00110	<0.0049
Styrene	0.001	0.005	4300	<0.000932	<0.0039	<0.00110	<0.0049
Tetrachloroethene	0.001	0.005	94	<0.000932	<0.0039	<0.00110	<0.0049
Toluene	0.001	0.005	5400	<0.000932	<0.0039	<0.00110	<0.0049
trans-1,2-Dichloroethene	0.001	0.005	370	<0.000932	<0.0039	<0.00110	<0.0049
trans-1,3-Dichloropropene	0.001	0.005	26	<0.000932	<0.0039	<0.00110	<0.0049
Trichloroethene	0.001	0.005	68	<0.000932	<0.0039	<0.00110	<0.0049
Trichlorofluoromethane	0.005	0.015	12000	<0.00466	<0.0039	<0.00552	<0.0049
Vinyl chloride	0.001	0.005	3.4	<0.000932	<0.0039	<0.00110	<0.0049

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^{Soil Comb} 30 Acre Source Area (mg/kg)	SO-MW3-01	SO-FD-3	EPA split SO	SO-MW4-01
				10-19-2010 30 Acre Source Area (mg/kg)	Duplicate Sample of SO-MW3-01 10-19-2010 30 Acre Source Area (mg/kg)	MW301 30 Acre Source Area (mg/kg)	10-20-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-12	10-12	10-12	10-12.5
1,1,1-Trichloroethane	0.001	0.005	32000	<0.000893	<0.00103	<0.0039	<0.00107
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.000893	<0.00103	<0.0039	<0.00107
1,1,2-Trichloroethane	0.001	0.005	10	<0.000893	<0.00103	<0.0039	<0.00107
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00446	<0.00514	<0.0039	<0.00533
1,1-Dichloroethane	0.001	0.005	2600	<0.000893	<0.00103	<0.0039	<0.00107
1,1-Dichloroethene	0.001	0.005	1600	<0.000893	<0.00103	<0.0039	<0.00107
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.000893	<0.00103	<0.0039	<0.00107
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.000893	<0.00103	<0.0039	<0.00107
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.000893	<0.00103	<0.0039	<0.00107
1,2-Dichlorobenzene	0.001	0.005	390	<0.000893	<0.00103	<0.0039	<0.00107
1,2-Dichloroethane	0.001	0.005	6.4	<0.000893	<0.00103	<0.0039	<0.00107
1,2-Dichloropropane	0.001	0.005	31	<0.000893	<0.00103	<0.0039	<0.00107
1,3-Dichlorobenzene	0.001	0.005	62	<0.000893	<0.00103	<0.0039	<0.00107
1,4-Dichlorobenzene	0.001	0.005	250	<0.000893	<0.00103	<0.0039	<0.00107
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00446	<0.00514	0.0055 B,K	<0.00533
2-Hexanone	0.005	0.015	210	<0.00446	<0.00514	<0.0039	<0.00533
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00446	<0.00514	<0.0039	<0.00533
Acetone	0.015	0.05	5400	<0.0134	<0.0154	0.0111 B,J	<0.0160
Benzene	0.001	0.005	48	<0.000893	<0.00103	<0.0039	<0.00107
Bromodichloromethane	0.001	0.005	98	<0.000893	<0.00103	<0.0039	<0.00107
Bromoform	0.001	0.005	280	<0.000893	<0.00103	<0.0039	<0.00107
Bromomethane	0.001	0.005	29	<0.000893	<0.00103	<0.0039	<0.00107
Carbon disulfide	0.001	0.005	3300	<0.000893	<0.00103	<0.0039	<0.00107
Carbon tetrachloride	0.001	0.005	9.7	<0.000893	<0.00103	<0.0039	<0.00107
Chlorobenzene	0.001	0.005	320	<0.000893	<0.00103	<0.0039	<0.00107
Chloroethane	0.001	0.005	23000	<0.000893	<0.00103	<0.0039	<0.00107
Chloroform	0.001	0.005	8	<0.000893	<0.00103	<0.0039	<0.00107
Chloromethane	0.001	0.005	84	<0.000893	<0.00103	<0.0039	<0.00107
cis-1,2-Dichloroethene	0.001	0.005	720	<0.000893	<0.00103	<0.0039	<0.00107
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.000893	<0.00103	<0.0039	<0.00107
Cyclohexane	0.005	0.015	42000	<0.00446 N	<0.00514 N	<0.0039	<0.00533 N
Dibromochloromethane	0.001	0.005	72	<0.000893	<0.00103	<0.0039	<0.00107
Dichlorodifluoromethane	0.001	0.005	12000	<0.000893	<0.00103	<0.0039	<0.00107
Ethylbenzene	0.001	0.005	4000	<0.000893	<0.00103	<0.0039	<0.00107
Isopropylbenzene	0.001	0.005	3000	<0.000893	<0.00103	<0.0039	<0.00107
m,p-Xylene	0.001	0.005	4700	<0.000893	<0.00103	0.0077	<0.00107
Methyl Acetate	0.005	0.015	4500	<0.00446	<0.00514	<0.0039	<0.00533
Methyl tert-butyl ether	0.001	0.005	590	<0.000893	<0.00103	<0.0039	<0.00107
Methylcyclohexane	0.005	0.015	22000	<0.00446	<0.00514	<0.0039	<0.00533
Methylene chloride	0.005	0.005	260	<0.00446	<0.00514	<0.0039	<0.00533
o-Xylene	0.001	0.005	29000	<0.000893	<0.00103	<0.0039	<0.00107
Styrene	0.001	0.005	4300	<0.000893	<0.00103	<0.0039	<0.00107
Tetrachloroethene	0.001	0.005	94	<0.000893	<0.00103	<0.0039	<0.00107
Toluene	0.001	0.005	5400	<0.000893	<0.00103	<0.0039	<0.00107
trans-1,2-Dichloroethene	0.001	0.005	370	<0.000893	<0.00103	<0.0039	<0.00107
trans-1,3-Dichloropropene	0.001	0.005	26	<0.000893	<0.00103	<0.0039	<0.00107
Trichloroethene	0.001	0.005	68	<0.000893	<0.00103	<0.0039	<0.00107
Trichlorofluoromethane	0.005	0.015	12000	<0.00446	<0.00514	<0.0039	<0.00533
Vinyl chloride	0.001	0.005	3.4	<0.000893	<0.00103	<0.0039	<0.00107

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO	SO-MW5-01	EPA split SO	SO MW-6 01
				MW401 30 Acre Source Area (mg/kg)	10-20-2010 30 Acre Source Area (mg/kg)	MW501 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-12.5	10-13	10-13	0-2.5
1,1,1-Trichloroethane	0.001	0.005	32000	<0.004	<0.00112	<0.0043	<0.00117
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.004	<0.00112	<0.0043	<0.00117
1,1,2-Trichloroethane	0.001	0.005	10	<0.004	<0.00112	<0.0043	<0.00117
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.004	<0.00561	<0.0043	<0.00584
1,1-Dichloroethane	0.001	0.005	2600	<0.004	<0.00112	<0.0043	<0.00117
1,1-Dichloroethene	0.001	0.005	1600	<0.004	<0.00112	<0.0043	<0.00117
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.004	<0.00112	<0.0043	<0.00117
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.004	<0.00112	<0.0043	<0.00117
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.004	<0.00112	<0.0043	<0.00117
1,2-Dichlorobenzene	0.001	0.005	390	<0.004	<0.00112	<0.0043	<0.00117
1,2-Dichloroethane	0.001	0.005	6.4	<0.004	<0.00112	<0.0043	<0.00117
1,2-Dichloropropane	0.001	0.005	31	<0.004	<0.00112	<0.0043	<0.00117
1,3-Dichlorobenzene	0.001	0.005	62	<0.004	<0.00112	<0.0043	<0.00117
1,4-Dichlorobenzene	0.001	0.005	250	<0.004	<0.00112	<0.0043	<0.00117
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.004	<0.00561	<0.0043	<0.00584
2-Hexanone	0.005	0.015	210	<0.004	<0.00561	<0.0043	<0.00584
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.004	<0.00561	<0.0043	<0.00584
Acetone	0.015	0.05	5400	<0.0081	<0.0168	<0.0086	<0.0175
Benzene	0.001	0.005	48	<0.004	<0.00112	<0.0043	<0.00117
Bromodichloromethane	0.001	0.005	98	<0.004	<0.00112	<0.0043	<0.00117
Bromoform	0.001	0.005	280	<0.004	<0.00112	<0.0043	<0.00117
Bromomethane	0.001	0.005	29	<0.004	<0.00112	<0.0043	<0.00117
Carbon disulfide	0.001	0.005	3300	<0.004	<0.00112	<0.0043	<0.00117
Carbon tetrachloride	0.001	0.005	9.7	<0.004	<0.00112	<0.0043	<0.00117
Chlorobenzene	0.001	0.005	320	<0.004	<0.00112	<0.0043	<0.00117
Chloroethane	0.001	0.005	23000	<0.004	<0.00112	<0.0043	<0.00117
Chloroform	0.001	0.005	8	<0.004	<0.00112	<0.0043	<0.00117
Chloromethane	0.001	0.005	84	<0.004	<0.00112	<0.0043	<0.00117
cis-1,2-Dichloroethene	0.001	0.005	720	<0.004	<0.00112	<0.0043	<0.00117
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.004	<0.00112	<0.0043	<0.00117
Cyclohexane	0.005	0.015	42000	<0.004	<0.00561 N	<0.0043	<0.00584 N
Dibromochloromethane	0.001	0.005	72	<0.004	<0.00112	<0.0043	<0.00117
Dichlorodifluoromethane	0.001	0.005	12000	<0.004	<0.00112	<0.0043	<0.00117
Ethylbenzene	0.001	0.005	4000	<0.004	<0.00112	<0.0043	<0.00117
Isopropylbenzene	0.001	0.005	3000	<0.004	<0.00112	<0.0043	<0.00117
m,p-Xylene	0.001	0.005	4700	<0.0081	<0.00112	<0.0086	<0.00117
Methyl Acetate	0.005	0.015	4500	<0.004	<0.00561	<0.0043	<0.00584
Methyl tert-butyl ether	0.001	0.005	590	<0.004	<0.00112	<0.0043	<0.00117
Methylcyclohexane	0.005	0.015	22000	<0.004	<0.00561	<0.0043	<0.00584
Methylene chloride	0.005	0.005	260	<0.004	<0.00561	<0.0043	<0.00584
o-Xylene	0.001	0.005	29000	<0.004	<0.00112	<0.0043	<0.00117
Styrene	0.001	0.005	4300	<0.004	<0.00112	<0.0043	<0.00117
Tetrachloroethene	0.001	0.005	94	<0.004	<0.00112	<0.0043	<0.00117
Toluene	0.001	0.005	5400	<0.004	<0.00112	<0.0043	<0.00117
trans-1,2-Dichloroethene	0.001	0.005	370	<0.004	<0.00112	<0.0043	<0.00117
trans-1,3-Dichloropropene	0.001	0.005	26	<0.004	<0.00112	<0.0043	<0.00117
Trichloroethene	0.001	0.005	68	<0.004	<0.00112	<0.0043	<0.00117
Trichlorofluoromethane	0.005	0.015	12000	<0.004	<0.00561	<0.0043	<0.00584
Vinyl chloride	0.001	0.005	3.4	<0.004	<0.00112	<0.0043	<0.00117

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO	SO MW-6 02	EPA split SO	SO-MW7-01
				MW601 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)	MW602 30 Acre Source Area (mg/kg)	10-20-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				0-2.5	12.5-15	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.0043	<0.00106	<0.0044	<0.000975
1,1,2-Tetrachloroethane	0.001	0.005	4	<0.0043	<0.00106	<0.0044	<0.000975
1,1,2-Trichloroethane	0.001	0.005	10	<0.0043	<0.00106	<0.0044	<0.000975
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.0043	<0.00528	<0.0044	<0.00487
1,1-Dichloroethane	0.001	0.005	2600	<0.0043	<0.00106	<0.0044	<0.000975
1,1-Dichloroethene	0.001	0.005	1600	<0.0043	<0.00106	<0.0044	<0.000975
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.0043	<0.00106	<0.0044	<0.000975
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.0043	<0.00106	<0.0044	<0.000975
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.0043	<0.00106	<0.0044	<0.000975
1,2-Dichlorobenzene	0.001	0.005	390	<0.0043	<0.00106	<0.0044	<0.000975
1,2-Dichloroethane	0.001	0.005	6.4	<0.0043	<0.00106	<0.0044	<0.000975
1,2-Dichloropropane	0.001	0.005	31	<0.0043	<0.00106	<0.0044	<0.000975
1,3-Dichlorobenzene	0.001	0.005	62	<0.0043	<0.00106	<0.0044	<0.000975
1,4-Dichlorobenzene	0.001	0.005	250	<0.0043	<0.00106	<0.0044	<0.000975
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	0.0047 B,K	<0.00528	0.0053 B,K	<0.00487
2-Hexanone	0.005	0.015	210	<0.0043	<0.00528	<0.0044	<0.00487
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.0043	<0.00528	<0.0044	<0.00487
Acetone	0.015	0.05	5400	<0.0087	<0.0159	0.009 B,J	<0.0146
Benzene	0.001	0.005	48	<0.0043	<0.00106	<0.0044	<0.000975
Bromodichloromethane	0.001	0.005	98	<0.0043	<0.00106	<0.0044	<0.000975
Bromoform	0.001	0.005	280	<0.0043	<0.00106	<0.0044	<0.000975
Bromomethane	0.001	0.005	29	<0.0043	<0.00106	<0.0044	<0.000975
Carbon disulfide	0.001	0.005	3300	<0.0043	<0.00106	<0.0044	<0.000975
Carbon tetrachloride	0.001	0.005	9.7	<0.0043	<0.00106	<0.0044	<0.000975
Chlorobenzene	0.001	0.005	320	<0.0043	<0.00106	<0.0044	<0.000975
Chloroethane	0.001	0.005	23000	<0.0043	<0.00106	<0.0044	<0.000975
Chloroform	0.001	0.005	8	<0.0043	<0.00106	<0.0044	<0.000975
Chloromethane	0.001	0.005	84	<0.0043	<0.00106	<0.0044	<0.000975
cis-1,2-Dichloroethene	0.001	0.005	720	<0.0043	<0.00106	<0.0044	<0.000975
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.0043	<0.00106	<0.0044	<0.000975
Cyclohexane	0.005	0.015	42000	<0.0043	<0.00528 N	<0.0044	<0.00487 N
Dibromochloromethane	0.001	0.005	72	<0.0043	<0.00106	<0.0044	<0.000975
Dichlorodifluoromethane	0.001	0.005	12000	<0.0043	<0.00106	<0.0044	<0.000975
Ethylbenzene	0.001	0.005	4000	<0.0043	<0.00106	<0.0044	<0.000975
Isopropylbenzene	0.001	0.005	3000	<0.0043	<0.00106	<0.0044	<0.000975
m,p-Xylene	0.001	0.005	4700	<0.0087	<0.00106	<0.0044	<0.000975
Methyl Acetate	0.005	0.015	4500	<0.0043	<0.00528	<0.0044	<0.00487
Methyl tert-butyl ether	0.001	0.005	590	<0.0043	<0.00106	<0.0044	<0.000975
Methylcyclohexane	0.005	0.015	22000	<0.0043	<0.00528	<0.0044	<0.00487
Methylene chloride	0.005	0.005	260	<0.0043	<0.00528	<0.0044	<0.00487
o-Xylene	0.001	0.005	29000	<0.0043	<0.00106	<0.0044	<0.000975
Styrene	0.001	0.005	4300	<0.0043	<0.00106	<0.0044	<0.000975
Tetrachloroethene	0.001	0.005	94	<0.0043	<0.00106	<0.0044	<0.000975
Toluene	0.001	0.005	5400	<0.0043	<0.00106	<0.0044	<0.000975
trans-1,2-Dichloroethene	0.001	0.005	370	<0.0043	<0.00106	<0.0044	<0.000975
trans-1,3-Dichloropropene	0.001	0.005	26	<0.0043	<0.00106	<0.0044	<0.000975
Trichloroethene	0.001	0.005	68	<0.0043	<0.00106	<0.0044	<0.000975
Trichlorofluoromethane	0.005	0.015	12000	<0.0043	<0.00528	<0.0044	<0.00487
Vinyl chloride	0.001	0.005	3.4	<0.0043	<0.00106	<0.0044	<0.000975

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO	SO-MW8-01	EPA split SO	SO-MW8-02
				MW701 30 Acre Source Area (mg/kg)	10-20-2010 30 Acre Source Area (mg/kg)	MW801 30 Acre Source Area (mg/kg)	10-20-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	7.5-10	7.5-10	10-12.5
1,1,1-Trichloroethane	0.001	0.005	32000	<0.0043	<0.00105	<0.0046	<0.00120
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.0043	<0.00105	<0.0046	<0.00120
1,1,2-Trichloroethane	0.001	0.005	10	<0.0043	<0.00105	<0.0046	<0.00120
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.0043	<0.00525	<0.0046	<0.00598
1,1-Dichloroethane	0.001	0.005	2600	<0.0043	<0.00105	<0.0046	<0.00120
1,1-Dichloroethene	0.001	0.005	1600	<0.0043	<0.00105	<0.0046	<0.00120
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.0043	<0.00105	<0.0046	<0.00120
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.0043	<0.00105	<0.0046	<0.00120
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.0043	<0.00105	<0.0046	<0.00120
1,2-Dichlorobenzene	0.001	0.005	390	<0.0043	<0.00105	<0.0046	<0.00120
1,2-Dichloroethane	0.001	0.005	6.4	<0.0043	<0.00105	<0.0046	<0.00120
1,2-Dichloropropane	0.001	0.005	31	<0.0043	<0.00105	<0.0046	<0.00120
1,3-Dichlorobenzene	0.001	0.005	62	<0.0043	<0.00105	<0.0046	<0.00120
1,4-Dichlorobenzene	0.001	0.005	250	<0.0043	<0.00105	<0.0046	<0.00120
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.0043	<0.00525	<0.0046	<0.00598
2-Hexanone	0.005	0.015	210	<0.0043	<0.00525	<0.0046	<0.00598
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.0043	<0.00525	<0.0046	<0.00598
Acetone	0.015	0.05	5400	<0.0086	<0.0158	<0.0092	<0.0179
Benzene	0.001	0.005	48	<0.0043	<0.00105	<0.0046	<0.00120
Bromodichloromethane	0.001	0.005	98	<0.0043	<0.00105	<0.0046	<0.00120
Bromoform	0.001	0.005	280	<0.0043	<0.00105	<0.0046	<0.00120
Bromomethane	0.001	0.005	29	<0.0043	<0.00105	<0.0046	<0.00120
Carbon disulfide	0.001	0.005	3300	<0.0043	<0.00105	<0.0046	<0.00120
Carbon tetrachloride	0.001	0.005	9.7	<0.0043	<0.00105	<0.0046	<0.00120
Chlorobenzene	0.001	0.005	320	<0.0043	<0.00105	<0.0046	<0.00120
Chloroethane	0.001	0.005	23000	<0.0043	<0.00105	<0.0046	<0.00120
Chloroform	0.001	0.005	8	<0.0043	<0.00105	<0.0046	<0.00120
Chloromethane	0.001	0.005	84	<0.0043	<0.00105	<0.0046	<0.00120
cis-1,2-Dichloroethene	0.001	0.005	720	<0.0043	<0.00105	<0.0046	<0.00120
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.0043	<0.00105	<0.0046	<0.00120
Cyclohexane	0.005	0.015	42000	<0.0043	<0.00525 N	<0.0046	<0.00598 N
Dibromochloromethane	0.001	0.005	72	<0.0043	<0.00105	<0.0046	<0.00120
Dichlorodifluoromethane	0.001	0.005	12000	<0.0043	<0.00105	<0.0046	<0.00120
Ethylbenzene	0.001	0.005	4000	<0.0043	<0.00105	<0.0046	<0.00120
Isopropylbenzene	0.001	0.005	3000	<0.0043	<0.00105	<0.0046	<0.00120
m,p-Xylene	0.001	0.005	4700	<0.0086	<0.00105	<0.0092	<0.00120
Methyl Acetate	0.005	0.015	4500	<0.0043	<0.00525	<0.0046	<0.00598
Methyl tert-butyl ether	0.001	0.005	590	<0.0043	<0.00105	<0.0046	<0.00120
Methylcyclohexane	0.005	0.015	22000	<0.0043	<0.00525	<0.0046	<0.00598
Methylene chloride	0.005	0.005	260	<0.0043	<0.00525	<0.0046	<0.00598
o-Xylene	0.001	0.005	29000	<0.0043	<0.00105	<0.0046	<0.00120
Styrene	0.001	0.005	4300	<0.0043	<0.00105	<0.0046	<0.00120
Tetrachloroethene	0.001	0.005	94	<0.0043	<0.00105	<0.0046	<0.00120
Toluene	0.001	0.005	5400	<0.0043	<0.00105	<0.0046	0.00188 J
trans-1,2-Dichloroethene	0.001	0.005	370	<0.0043	<0.00105	<0.0046	<0.00120
trans-1,3-Dichloropropene	0.001	0.005	26	<0.0043	<0.00105	<0.0046	<0.00120
Trichloroethene	0.001	0.005	68	<0.0043	<0.00105	<0.0046	<0.00120
Trichlorofluoromethane	0.005	0.015	12000	<0.0043	<0.00525	<0.0046	<0.00598
Vinyl chloride	0.001	0.005	3.4	<0.0043	<0.00105	<0.0046	<0.00120

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO MW802 30 Acre Source Area (mg/kg)	SO-MW8-03 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW803 30 Acre Source Area (mg/kg)	SO-SB1-01 10-21-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10.12.5	12.5-15	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.005	<0.00118	<0.0043	<0.00109
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.005	<0.00118	<0.0043	<0.00109
1,1,2-Trichloroethane	0.001	0.005	10	<0.005	<0.00118	<0.0043	<0.00109
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.005	<0.00589	<0.0043	<0.00546
1,1-Dichloroethane	0.001	0.005	2600	<0.005	<0.00118	<0.0043	<0.00109
1,1-Dichloroethene	0.001	0.005	1600	<0.005	<0.00118	<0.0043	<0.00109
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.005	<0.00118	<0.0043	<0.00109
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.005	<0.00118	<0.0043	<0.00109
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.005	<0.00118	<0.0043	<0.00109
1,2-Dichlorobenzene	0.001	0.005	390	<0.005	<0.00118	<0.0043	<0.00109
1,2-Dichloroethane	0.001	0.005	6.4	<0.005	<0.00118	<0.0043	<0.00109
1,2-Dichloropropane	0.001	0.005	31	<0.005	<0.00118	<0.0043	<0.00109
1,3-Dichlorobenzene	0.001	0.005	62	<0.005	<0.00118	<0.0043	<0.00109
1,4-Dichlorobenzene	0.001	0.005	250	<0.005	<0.00118	<0.0043	<0.00109
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.005	<0.00589	<0.0043	<0.00546
2-Hexanone	0.005	0.015	210	<0.005	<0.00589	<0.0043	<0.00546
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.005	<0.00589	<0.0043	<0.00546
Acetone	0.015	0.05	5400	0.0101	<0.0177	0.0116 J	0.0207 J
Benzene	0.001	0.005	48	<0.005	<0.00118	<0.0043	<0.00109
Bromodichloromethane	0.001	0.005	98	<0.005	<0.00118	<0.0043	<0.00109
Bromoform	0.001	0.005	280	<0.005	<0.00118	<0.0043	<0.00109
Bromomethane	0.001	0.005	29	<0.005	<0.00118	<0.0043	<0.00109
Carbon disulfide	0.001	0.005	3300	<0.005	<0.00118	<0.0043	<0.00109
Carbon tetrachloride	0.001	0.005	9.7	<0.005	<0.00118	<0.0043	<0.00109
Chlorobenzene	0.001	0.005	320	<0.005	<0.00118	<0.0043	<0.00109
Chloroethane	0.001	0.005	23000	<0.005	<0.00118	<0.0043	<0.00109
Chloroform	0.001	0.005	8	<0.005	<0.00118	<0.0043	<0.00109
Chloromethane	0.001	0.005	84	<0.005	<0.00118	<0.0043	<0.00109
cis-1,2-Dichloroethene	0.001	0.005	720	<0.005	<0.00118	<0.0043	<0.00109
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.005	<0.00118	<0.0043	<0.00109
Cyclohexane	0.005	0.015	42000	<0.005	<0.00589 N	0.0055	<0.00546 N
Dibromochloromethane	0.001	0.005	72	<0.005	<0.00118	<0.0043	<0.00109
Dichlorodifluoromethane	0.001	0.005	12000	<0.005	<0.00118	<0.0043	<0.00109
Ethylbenzene	0.001	0.005	4000	<0.005	<0.00118	<0.0043	<0.00109
Isopropylbenzene	0.001	0.005	3000	<0.005	0.00166 J	0.0391	<0.00109
m,p-Xylene	0.001	0.005	4700	0.0101	<0.00118	<0.0086	<0.00109
Methyl Acetate	0.005	0.015	4500	<0.005	<0.00589	<0.0043	<0.00546
Methyl tert-butyl ether	0.001	0.005	590	<0.005	<0.00118	<0.0043	0.0129
Methylcyclohexane	0.005	0.015	22000	<0.005	<0.00589	0.0386	<0.00546
Methylene chloride	0.005	0.005	260	<0.005	<0.00589	<0.0043	<0.00546
o-Xylene	0.001	0.005	29000	<0.005	<0.00118	<0.0043	<0.00109
Styrene	0.001	0.005	4300	<0.005	<0.00118	<0.0043	<0.00109
Tetrachloroethene	0.001	0.005	94	<0.005	<0.00118	<0.0043	<0.00109
Toluene	0.001	0.005	5400	<0.005	<0.00118	<0.0043	<0.00109
trans-1,2-Dichloroethene	0.001	0.005	370	<0.005	<0.00118	<0.0043	<0.00109
trans-1,3-Dichloropropene	0.001	0.005	26	<0.005	<0.00118	<0.0043	<0.00109
Trichloroethene	0.001	0.005	68	<0.005	<0.00118	<0.0043	<0.00109
Trichlorofluoromethane	0.005	0.015	12000	<0.005	<0.00589	<0.0043	<0.00546
Vinyl chloride	0.001	0.005	3.4	<0.005	<0.00118	<0.0043	<0.00109

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-FD-4	SO-SB2-01	SO-SB2-02	EPA split SO
				Duplicate Sample of SB1-01 21-2010 30 Acre Source Area (mg/kg)	SO- 10- 21-2010 30 Acre Source Area (mg/kg)	SO-21-2010 30 Acre Source Area (mg/kg)	SB202 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	0-5	10-13	10-13
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00112	<0.00137	<0.00110	<0.0041
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00112	<0.00137	<0.00110	<0.0041
1,1,2-Trichloroethane	0.001	0.005	10	<0.00112	<0.00137	<0.00110	<0.0041
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00561	<0.00684	<0.00552	<0.0041
1,1-Dichloroethane	0.001	0.005	2600	<0.00112	<0.00137	<0.00110	<0.0041
1,1-Dichloroethene	0.001	0.005	1600	<0.00112	<0.00137	<0.00110	<0.0041
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00112	<0.00137	<0.00110	<0.0041
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00112	<0.00137	<0.00110	<0.0041
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00112	<0.00137	<0.00110	<0.0041
1,2-Dichlorobenzene	0.001	0.005	390	<0.00112	<0.00137	<0.00110	<0.0041
1,2-Dichloroethane	0.001	0.005	6.4	<0.00112	<0.00137	<0.00110	<0.0041
1,2-Dichloropropane	0.001	0.005	31	<0.00112	<0.00137	<0.00110	<0.0041
1,3-Dichlorobenzene	0.001	0.005	62	<0.00112	<0.00137	<0.00110	<0.0041
1,4-Dichlorobenzene	0.001	0.005	250	<0.00112	<0.00137	<0.00110	<0.0041
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00561	<0.00684	<0.00552	<0.0041
2-Hexanone	0.005	0.015	210	<0.00561	<0.00684	<0.00552	<0.0041
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00561	<0.00684	<0.00552	<0.0041
Acetone	0.015	0.05	5400	<0.0168	0.587	0.109	0.049 B,J
Benzene	0.001	0.005	48	<0.00112	<0.00137	<0.00110	<0.0041
Bromodichloromethane	0.001	0.005	98	<0.00112	<0.00137	<0.00110	<0.0041
Bromoform	0.001	0.005	280	<0.00112	<0.00137	<0.00110	<0.0041
Bromomethane	0.001	0.005	29	<0.00112	<0.00137	<0.00110	<0.0041
Carbon disulfide	0.001	0.005	3300	<0.00112	<0.00137	<0.00110	<0.0041
Carbon tetrachloride	0.001	0.005	9.7	<0.00112	<0.00137	<0.00110	<0.0041
Chlorobenzene	0.001	0.005	320	<0.00112	<0.00137	<0.00110	<0.0041
Chloroethane	0.001	0.005	23000	<0.00112	<0.00137	<0.00110	<0.0041
Chloroform	0.001	0.005	8	<0.00112	<0.00137	<0.00110	<0.0041
Chloromethane	0.001	0.005	84	<0.00112	<0.00137	<0.00110	<0.0041
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00112	<0.00137	<0.00110	<0.0041
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00112	<0.00137	<0.00110	<0.0041
Cyclohexane	0.005	0.015	42000	<0.00561 N	<0.00684 N	<0.00552 N	<0.0041
Dibromochloromethane	0.001	0.005	72	<0.00112	<0.00137	<0.00110	<0.0041
Dichlorodifluoromethane	0.001	0.005	12000	<0.00112	<0.00137	<0.00110	<0.0041
Ethylbenzene	0.001	0.005	4000	<0.00112	<0.00137	<0.00110	<0.0041
Isopropylbenzene	0.001	0.005	3000	<0.00112	<0.00137	<0.00110	<0.0041
m,p-Xylene	0.001	0.005	4700	<0.00112	<0.00137	<0.00110	<0.0081
Methyl Acetate	0.005	0.015	4500	<0.00561	<0.00684	<0.00552	<0.0041
Methyl tert-butyl ether	0.001	0.005	590	0.00913	<0.00137	<0.00110	<0.0041
Methylcyclohexane	0.005	0.015	22000	<0.00561	<0.00684	<0.00552	<0.0041
Methylene chloride	0.005	0.005	260	<0.00561	<0.00684	<0.00552	<0.0041
o-Xylene	0.001	0.005	29000	<0.00112	<0.00137	<0.00110	<0.0041
Styrene	0.001	0.005	4300	<0.00112	<0.00137	<0.00110	<0.0041
Tetrachloroethene	0.001	0.005	94	<0.00112	<0.00137	<0.00110	<0.0041
Toluene	0.001	0.005	5400	<0.00112	<0.00137	<0.00110	<0.0041
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00112	<0.00137	<0.00110	<0.0041
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00112	<0.00137	<0.00110	<0.0041
Trichloroethene	0.001	0.005	68	<0.00112	<0.00137	<0.00110	<0.0041
Trichlorofluoromethane	0.005	0.015	12000	<0.00561	<0.00684	<0.00552	<0.0041
Vinyl chloride	0.001	0.005	3.4	<0.00112	<0.00137	<0.00110	<0.0041

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB3-01	SO-SB4-01	SO-SB5-01	SO-FD-6
				10-21-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	Duplicate Sample of SO- SB-5-01 10- 22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				7.5-10	15-17.5	5-10	5-10
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00105	<0.00112	<0.00104	<0.000992
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00105	<0.00112	<0.00104	<0.000992
1,1,2-Trichloroethane	0.001	0.005	10	<0.00105	<0.00112	<0.00104	<0.000992
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00524	<0.00562	<0.00518	<0.00496
1,1-Dichloroethane	0.001	0.005	2600	<0.00105	<0.00112	<0.00104	<0.000992
1,1-Dichloroethene	0.001	0.005	1600	<0.00105	<0.00112	<0.00104	<0.000992
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00105	<0.00112	<0.00104	<0.000992
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00105	<0.00112	<0.00104	<0.000992
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00105	<0.00112	<0.00104	<0.000992
1,2-Dichlorobenzene	0.001	0.005	390	<0.00105	<0.00112	<0.00104	<0.000992
1,2-Dichloroethane	0.001	0.005	6.4	<0.00105	<0.00112	<0.00104	<0.000992
1,2-Dichloropropane	0.001	0.005	31	<0.00105	<0.00112	<0.00104	<0.000992
1,3-Dichlorobenzene	0.001	0.005	62	<0.00105	<0.00112	<0.00104	<0.000992
1,4-Dichlorobenzene	0.001	0.005	250	<0.00105	<0.00112	<0.00104	<0.000992
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00524	<0.00562	<0.00518	<0.00496
2-Hexanone	0.005	0.015	210	<0.00524	<0.00562	<0.00518	<0.00496
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00524	<0.00562	<0.00518	<0.00496
Acetone	0.015	0.05	5400	<0.0157	<0.0168	<0.0155	0.0615
Benzene	0.001	0.005	48	<0.00105	<0.00112	0.00110 J	<0.000992
Bromodichloromethane	0.001	0.005	98	<0.00105	<0.00112	<0.00104	<0.000992
Bromoform	0.001	0.005	280	<0.00105	<0.00112	<0.00104	<0.000992
Bromomethane	0.001	0.005	29	<0.00105	<0.00112	<0.00104	<0.000992
Carbon disulfide	0.001	0.005	3300	<0.00105	<0.00112	0.00284 J	0.00249 J
Carbon tetrachloride	0.001	0.005	9.7	<0.00105	<0.00112	<0.00104	<0.000992
Chlorobenzene	0.001	0.005	320	<0.00105	<0.00112	<0.00104	<0.000992
Chloroethane	0.001	0.005	23000	<0.00105	<0.00112	<0.00104	<0.000992
Chloroform	0.001	0.005	8	<0.00105	<0.00112	<0.00104	<0.000992
Chloromethane	0.001	0.005	84	<0.00105	<0.00112	<0.00104	<0.000992
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00105	<0.00112	<0.00104	<0.000992
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00105	<0.00112	<0.00104	<0.000992
Cyclohexane	0.005	0.015	42000	<0.00524 N	<0.00562 N	<0.00518 N	<0.00496 N
Dibromochloromethane	0.001	0.005	72	<0.00105	<0.00112	<0.00104	<0.000992
Dichlorodifluoromethane	0.001	0.005	12000	<0.00105	<0.00112	<0.00104	<0.000992
Ethylbenzene	0.001	0.005	4000	<0.00105	<0.00112	0.433	0.00271 J
Isopropylbenzene	0.001	0.005	3000	<0.00105	<0.00112	0.329	0.00302 J
m,p-Xylene	0.001	0.005	4700	<0.00105	<0.00112	<0.00104	<0.000992
Methyl Acetate	0.005	0.015	4500	<0.00524	<0.00562	<0.00518	<0.00496
Methyl tert-butyl ether	0.001	0.005	590	<0.00105	<0.00112	<0.00104	<0.000992
Methylcyclohexane	0.005	0.015	22000	<0.00524	<0.00562	2.30	<0.00496
Methylene chloride	0.005	0.005	260	<0.00524	<0.00562	<0.00518	<0.00496
o-Xylene	0.001	0.005	29000	<0.00105	<0.00112	<0.00104	<0.000992
Styrene	0.001	0.005	4300	<0.00105	<0.00112	<0.00104	<0.000992
Tetrachloroethene	0.001	0.005	94	<0.00105	<0.00112	<0.00104	<0.000992
Toluene	0.001	0.005	5400	<0.00105	<0.00112	<0.00104	<0.000992
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00105	<0.00112	<0.00104	<0.000992
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00105	<0.00112	<0.00104	<0.000992
Trichloroethene	0.001	0.005	68	<0.00105	<0.00112	<0.00104	<0.000992
Trichlorofluoromethane	0.005	0.015	12000	<0.00524	<0.00562	<0.00518	<0.00496
Vinyl chloride	0.001	0.005	3.4	<0.00105	<0.00112	<0.00104	<0.000992

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB5-02	SO-SB6-01	SO-SB7-01	SO-SB7-02
				10-22-2010 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)	18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	5-7.5	2.5-5	17.5-20
1,1,1-Trichloroethane	0.001	0.005	32000	<0.0551	<0.00104	<0.000960	<0.00102
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.0551	<0.00104	<0.000960	<0.00102
1,1,2-Trichloroethane	0.001	0.005	10	<0.0551	<0.00104	<0.000960	<0.00102
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.275	<0.00518	<0.00480	<0.00510
1,1-Dichloroethane	0.001	0.005	2600	<0.0551	<0.00104	<0.000960	<0.00102
1,1-Dichloroethene	0.001	0.005	1600	<0.0551	<0.00104	<0.000960	<0.00102
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.0551	<0.00104	<0.000960	<0.00102
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.0551	<0.00104	<0.000960	<0.00102
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.0551	<0.00104	<0.000960	<0.00102
1,2-Dichlorobenzene	0.001	0.005	390	<0.0551	<0.00104	<0.000960	<0.00102
1,2-Dichloroethane	0.001	0.005	6.4	<0.0551	<0.00104	<0.000960	<0.00102
1,2-Dichloropropane	0.001	0.005	31	<0.0551	<0.00104	<0.000960	<0.00102
1,3-Dichlorobenzene	0.001	0.005	62	<0.0551	<0.00104	<0.000960	<0.00102
1,4-Dichlorobenzene	0.001	0.005	250	<0.0551	<0.00104	<0.000960	<0.00102
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.275	<0.00518	<0.00480	<0.00510
2-Hexanone	0.005	0.015	210	<0.275	<0.00518	<0.00480	<0.00510
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.275	<0.00518	<0.00480	<0.00510
Acetone	0.015	0.05	5400	<0.826	0.0214 J	<0.0144	<0.0153
Benzene	0.001	0.005	48	<0.0551	<0.00104	<0.000960	<0.00102
Bromodichloromethane	0.001	0.005	98	<0.0551	<0.00104	<0.000960	<0.00102
Bromoform	0.001	0.005	280	<0.0551	<0.00104	<0.000960	<0.00102
Bromomethane	0.001	0.005	29	<0.0551	<0.00104	<0.000960	<0.00102
Carbon disulfide	0.001	0.005	3300	<0.0551	<0.00104	<0.000960	<0.00102
Carbon tetrachloride	0.001	0.005	9.7	<0.0551	<0.00104	<0.000960	<0.00102
Chlorobenzene	0.001	0.005	320	<0.0551	<0.00104	<0.000960	<0.00102
Chloroethane	0.001	0.005	23000	<0.0551	<0.00104	<0.000960	<0.00102
Chloroform	0.001	0.005	8	<0.0551	<0.00104	<0.000960	<0.00102
Chloromethane	0.001	0.005	84	<0.0551	<0.00104	<0.000960	<0.00102
cis-1,2-Dichloroethene	0.001	0.005	720	<0.0551	<0.00104	<0.000960	<0.00102
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.0551	<0.00104	<0.000960	<0.00102
Cyclohexane	0.005	0.015	42000	1.36 N	<0.00518 N	<0.00480 N	<0.00510 N
Dibromochloromethane	0.001	0.005	72	<0.0551	<0.00104	<0.000960	<0.00102
Dichlorodifluoromethane	0.001	0.005	12000	<0.0551	<0.00104	<0.000960	<0.00102
Ethylbenzene	0.001	0.005	4000	0.661	<0.00104	<0.000960	<0.00102
Isopropylbenzene	0.001	0.005	3000	9.09	<0.00104	<0.000960	<0.00102
m,p-Xylene	0.001	0.005	4700	<0.0551	<0.00104	<0.000960	<0.00102
Methyl Acetate	0.005	0.015	4500	<0.275	<0.00518	<0.00480	<0.00510
Methyl tert-butyl ether	0.001	0.005	590	<0.0551	<0.00104	<0.000960	<0.00102
Methylcyclohexane	0.005	0.015	22000	367	<0.00518	<0.00480	<0.00510
Methylene chloride	0.005	0.005	260	<0.275	<0.00518	<0.00480	<0.00510
o-Xylene	0.001	0.005	29000	<0.0551	<0.00104	<0.000960	<0.00102
Styrene	0.001	0.005	4300	<0.0551	<0.00104	<0.000960	<0.00102
Tetrachloroethene	0.001	0.005	94	<0.0551	<0.00104	<0.000960	<0.00102
Toluene	0.001	0.005	5400	<0.0551	<0.00104	<0.000960	<0.00102
trans-1,2-Dichloroethene	0.001	0.005	370	<0.0551	<0.00104	<0.000960	<0.00102
trans-1,3-Dichloropropene	0.001	0.005	26	<0.0551	<0.00104	<0.000960	<0.00102
Trichloroethene	0.001	0.005	68	<0.0551	<0.00104	<0.000960	<0.00102
Trichlorofluoromethane	0.005	0.015	12000	<0.275	<0.00518	<0.00480	<0.00510
Vinyl chloride	0.001	0.005	3.4	<0.0551	<0.00104	<0.000960	<0.00102

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB8-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-SB9-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-SB10-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO GP1001 30 Acre Source Area (mg/kg)
Sample Depth (ft)				17.5-20	12.5-15	17.5-20	17.5-20
1,1,1-Trichloroethane	0.001	0.005	32000	<0.000988	<0.00113	<0.00113	<0.0045
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.000988	<0.00113	<0.00113	<0.0045
1,1,2-Trichloroethane	0.001	0.005	10	<0.000988	<0.00113	<0.00113	<0.0045
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00494	<0.00564	<0.00563	<0.0045
1,1-Dichloroethane	0.001	0.005	2600	<0.000988	<0.00113	<0.00113	<0.0045
1,1-Dichloroethene	0.001	0.005	1600	<0.000988	<0.00113	<0.00113	<0.0045
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.000988	<0.00113	<0.00113	<0.0045
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.000988	<0.00113	<0.00113	<0.0045
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.000988	<0.00113	<0.00113	<0.0045
1,2-Dichlorobenzene	0.001	0.005	390	<0.000988	<0.00113	<0.00113	<0.0045
1,2-Dichloroethane	0.001	0.005	6.4	<0.000988	<0.00113	<0.00113	<0.0045
1,2-Dichloropropane	0.001	0.005	31	<0.000988	<0.00113	<0.00113	<0.0045
1,3-Dichlorobenzene	0.001	0.005	62	<0.000988	<0.00113	<0.00113	<0.0045
1,4-Dichlorobenzene	0.001	0.005	250	<0.000988	<0.00113	<0.00113	<0.0045
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00494	<0.00564	<0.00563	0.0059 B,K
2-Hexanone	0.005	0.015	210	<0.00494	<0.00564	<0.00563	<0.0045
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00494	<0.00564	<0.00563	<0.0045
Acetone	0.015	0.05	5400	<0.0148	<0.0169	<0.0169	<0.0089
Benzene	0.001	0.005	48	<0.000988	<0.00113	<0.00113	<0.0045
Bromodichloromethane	0.001	0.005	98	<0.000988	<0.00113	<0.00113	<0.0045
Bromoform	0.001	0.005	280	<0.000988	<0.00113	<0.00113	<0.0045
Bromomethane	0.001	0.005	29	<0.000988	<0.00113	<0.00113	<0.0045
Carbon disulfide	0.001	0.005	3300	<0.000988	<0.00113	<0.00113	<0.0045
Carbon tetrachloride	0.001	0.005	9.7	<0.000988	<0.00113	<0.00113	<0.0045
Chlorobenzene	0.001	0.005	320	<0.000988	<0.00113	<0.00113	<0.0045
Chloroethane	0.001	0.005	23000	<0.000988	<0.00113	<0.00113	<0.0045
Chloroform	0.001	0.005	8	<0.000988	<0.00113	<0.00113	<0.0045
Chloromethane	0.001	0.005	84	<0.000988	<0.00113	<0.00113	<0.0045
cis-1,2-Dichloroethene	0.001	0.005	720	<0.000988	<0.00113	<0.00113	<0.0045
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.000988	<0.00113	<0.00113	<0.0045
Cyclohexane	0.005	0.015	42000	<0.00494 N	<0.00564 N	<0.00563 N	<0.0045
Dibromochloromethane	0.001	0.005	72	<0.000988	<0.00113	<0.00113	<0.0045
Dichlorodifluoromethane	0.001	0.005	12000	<0.000988	<0.00113	<0.00113	<0.0045
Ethylbenzene	0.001	0.005	4000	<0.000988	<0.00113	<0.00113	<0.0045
Isopropylbenzene	0.001	0.005	3000	<0.000988	<0.00113	<0.00113	<0.0045
m,p-Xylene	0.001	0.005	4700	<0.000988	<0.00113	<0.00113	<0.0089
Methyl Acetate	0.005	0.015	4500	<0.00494	<0.00564	<0.00563	<0.0045
Methyl tert-butyl ether	0.001	0.005	590	<0.000988	<0.00113	<0.00113	<0.0045
Methylcyclohexane	0.005	0.015	22000	<0.00494	<0.00564	<0.00563	<0.0045
Methylene chloride	0.005	0.005	260	<0.00494	<0.00564	<0.00563	<0.0045
o-Xylene	0.001	0.005	29000	<0.000988	<0.00113	<0.00113	<0.0045
Styrene	0.001	0.005	4300	<0.000988	<0.00113	<0.00113	<0.0045
Tetrachloroethene	0.001	0.005	94	<0.000988	<0.00113	<0.00113	<0.0045
Toluene	0.001	0.005	5400	<0.000988	<0.00113	<0.00113	<0.0045
trans-1,2-Dichloroethene	0.001	0.005	370	<0.000988	<0.00113	<0.00113	<0.0045
trans-1,3-Dichloropropene	0.001	0.005	26	<0.000988	<0.00113	<0.00113	<0.0045
Trichloroethene	0.001	0.005	68	<0.000988	<0.00113	<0.00113	<0.0045
Trichlorofluoromethane	0.005	0.015	12000	<0.00494	<0.00564	<0.00563	<0.0045
Vinyl chloride	0.001	0.005	3.4	<0.000988	<0.00113	<0.00113	<0.0045

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB11-01	SO-SB11-02	SO-SB12-01	EPA split SO
				10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	SB1201 30 Acre Source Area (mg/kg)
Sample Depth (ft)				5-7.5	15-17.5	10-15	10-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00108	<0.00105	<0.00123	<0.0042
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00108	<0.00105	<0.00123	<0.0042
1,1,2-Trichloroethane	0.001	0.005	10	<0.00108	<0.00105	<0.00123	<0.0042
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00540	<0.00523	<0.00613	<0.0042
1,1-Dichloroethane	0.001	0.005	2600	<0.00108	<0.00105	<0.00123	<0.0042
1,1-Dichloroethene	0.001	0.005	1600	<0.00108	<0.00105	<0.00123	<0.0042
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00108	<0.00105	<0.00123	<0.0042
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00108	<0.00105	<0.00123	<0.0042
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00108	<0.00105	<0.00123	<0.0042
1,2-Dichlorobenzene	0.001	0.005	390	<0.00108	<0.00105	<0.00123	<0.0042
1,2-Dichloroethane	0.001	0.005	6.4	<0.00108	<0.00105	<0.00123	<0.0042
1,2-Dichloropropane	0.001	0.005	31	<0.00108	<0.00105	<0.00123	<0.0042
1,3-Dichlorobenzene	0.001	0.005	62	<0.00108	<0.00105	<0.00123	<0.0042
1,4-Dichlorobenzene	0.001	0.005	250	<0.00108	<0.00105	<0.00123	<0.0042
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00540	<0.00523	<0.00613	<0.0042
2-Hexanone	0.005	0.015	210	<0.00540	<0.00523	<0.00613	<0.0042
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00540	<0.00523	<0.00613	<0.0042
Acetone	0.015	0.05	5400	<0.0162	<0.0157	<0.0184	<0.0085
Benzene	0.001	0.005	48	<0.00108	<0.00105	<0.00123	<0.0042
Bromodichloromethane	0.001	0.005	98	<0.00108	<0.00105	<0.00123	<0.0042
Bromoform	0.001	0.005	280	<0.00108	<0.00105	<0.00123	<0.0042
Bromomethane	0.001	0.005	29	<0.00108	<0.00105	<0.00123	<0.0042
Carbon disulfide	0.001	0.005	3300	<0.00108	<0.00105	<0.00123	<0.0042
Carbon tetrachloride	0.001	0.005	9.7	<0.00108	<0.00105	<0.00123	<0.0042
Chlorobenzene	0.001	0.005	320	<0.00108	<0.00105	<0.00123	<0.0042
Chloroethane	0.001	0.005	23000	<0.00108	<0.00105	<0.00123	<0.0042
Chloroform	0.001	0.005	8	<0.00108	<0.00105	<0.00123	<0.0042
Chloromethane	0.001	0.005	84	<0.00108	<0.00105	<0.00123	<0.0042
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00108	<0.00105	<0.00123	<0.0042
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00108	<0.00105	<0.00123	<0.0042
Cyclohexane	0.005	0.015	42000	<0.00540 N	<0.00523 N	<0.00613 N	<0.0042
Dibromochloromethane	0.001	0.005	72	<0.00108	<0.00105	<0.00123	<0.0042
Dichlorodifluoromethane	0.001	0.005	12000	<0.00108	<0.00105	<0.00123	<0.0042
Ethylbenzene	0.001	0.005	4000	<0.00108	<0.00105	<0.00123	<0.0042
Isopropylbenzene	0.001	0.005	3000	<0.00108	<0.00105	<0.00123	<0.0042
m,p-Xylene	0.001	0.005	4700	<0.00108	<0.00105	<0.00123	<0.0085
Methyl Acetate	0.005	0.015	4500	<0.00540	<0.00523	<0.00613	<0.0042
Methyl tert-butyl ether	0.001	0.005	590	<0.00108	<0.00105	<0.00123	<0.0042
Methylcyclohexane	0.005	0.015	22000	<0.00540	<0.00523	<0.00613	<0.0042
Methylene chloride	0.005	0.005	260	<0.00540	<0.00523	<0.00613	<0.0042
o-Xylene	0.001	0.005	29000	<0.00108	<0.00105	<0.00123	<0.0042
Styrene	0.001	0.005	4300	<0.00108	<0.00105	<0.00123	<0.0042
Tetrachloroethene	0.001	0.005	94	<0.00108	<0.00105	<0.00123	<0.0042
Toluene	0.001	0.005	5400	<0.00108	<0.00105	<0.00123	<0.0042
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00108	<0.00105	<0.00123	<0.0042
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00108	<0.00105	<0.00123	<0.0042
Trichloroethene	0.001	0.005	68	<0.00108	<0.00105	<0.00123	<0.0042
Trichlorofluoromethane	0.005	0.015	12000	<0.00540	<0.00523	<0.00613	<0.0042
Vinyl chloride	0.001	0.005	3.4	<0.00108	<0.00105	<0.00123	<0.0042

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB13-01	SO-SB14-01	SO-SB14-02	SO-SB15-01
				10-19-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	7.5-10	10-12.5	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00114	<0.00115	<0.00115	<0.00107
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00114	<0.00115	<0.00115	<0.00107
1,1,2-Trichloroethane	0.001	0.005	10	<0.00114	<0.00115	<0.00115	<0.00107
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00571	<0.00576	<0.00577	<0.00534
1,1-Dichloroethane	0.001	0.005	2600	<0.00114	<0.00115	<0.00115	<0.00107
1,1-Dichloroethene	0.001	0.005	1600	<0.00114	<0.00115	<0.00115	<0.00107
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00114	<0.00115	<0.00115	<0.00107
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00114	<0.00115	<0.00115	<0.00107
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00114	<0.00115	<0.00115	<0.00107
1,2-Dichlorobenzene	0.001	0.005	390	<0.00114	<0.00115	<0.00115	<0.00107
1,2-Dichloroethane	0.001	0.005	6.4	<0.00114	<0.00115	<0.00115	<0.00107
1,2-Dichloropropane	0.001	0.005	31	<0.00114	<0.00115	<0.00115	<0.00107
1,3-Dichlorobenzene	0.001	0.005	62	<0.00114	<0.00115	<0.00115	<0.00107
1,4-Dichlorobenzene	0.001	0.005	250	<0.00114	<0.00115	<0.00115	<0.00107
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00571	<0.00576	<0.00577	<0.00534
2-Hexanone	0.005	0.015	210	<0.00571	<0.00576	<0.00577	<0.00534
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00571	<0.00576	<0.00577	<0.00534
Acetone	0.015	0.05	5400	<0.0171	<0.0173	<0.0173	<0.0160
Benzene	0.001	0.005	48	<0.00114	<0.00115	<0.00115	<0.00107
Bromodichloromethane	0.001	0.005	98	<0.00114	<0.00115	<0.00115	<0.00107
Bromoform	0.001	0.005	280	<0.00114	<0.00115	<0.00115	<0.00107
Bromomethane	0.001	0.005	29	<0.00114	<0.00115	<0.00115	<0.00107
Carbon disulfide	0.001	0.005	3300	<0.00114	<0.00115	<0.00115	<0.00107
Carbon tetrachloride	0.001	0.005	9.7	<0.00114	<0.00115	<0.00115	<0.00107
Chlorobenzene	0.001	0.005	320	<0.00114	<0.00115	<0.00115	<0.00107
Chloroethane	0.001	0.005	23000	<0.00114	<0.00115	<0.00115	<0.00107
Chloroform	0.001	0.005	8	<0.00114	<0.00115	<0.00115	<0.00107
Chloromethane	0.001	0.005	84	<0.00114	<0.00115	<0.00115	<0.00107
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00114	<0.00115	<0.00115	<0.00107
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00114	<0.00115	<0.00115	<0.00107
Cyclohexane	0.005	0.015	42000	<0.00571 N	<0.00576 N	<0.00577 N	<0.00534 N
Dibromochloromethane	0.001	0.005	72	<0.00114	<0.00115	<0.00115	<0.00107
Dichlorodifluoromethane	0.001	0.005	12000	<0.00114	<0.00115	<0.00115	<0.00107
Ethylbenzene	0.001	0.005	4000	<0.00114	<0.00115	<0.00115	<0.00107
Isopropylbenzene	0.001	0.005	3000	<0.00114	<0.00115	<0.00115	<0.00107
m,p-Xylene	0.001	0.005	4700	<0.00114	<0.00115	<0.00115	<0.00107
Methyl Acetate	0.005	0.015	4500	<0.00571	<0.00576	<0.00577	<0.00534
Methyl tert-butyl ether	0.001	0.005	590	<0.00114	<0.00115	<0.00115	<0.00107
Methylcyclohexane	0.005	0.015	22000	<0.00571	<0.00576	<0.00577	<0.00534
Methylene chloride	0.005	0.005	260	<0.00571	<0.00576	<0.00577	<0.00534
o-Xylene	0.001	0.005	29000	<0.00114	<0.00115	<0.00115	<0.00107
Styrene	0.001	0.005	4300	<0.00114	<0.00115	<0.00115	<0.00107
Tetrachloroethene	0.001	0.005	94	<0.00114	<0.00115	<0.00115	<0.00107
Toluene	0.001	0.005	5400	<0.00114	<0.00115	<0.00115	<0.00107
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00114	<0.00115	<0.00115	<0.00107
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00114	<0.00115	<0.00115	<0.00107
Trichloroethene	0.001	0.005	68	<0.00114	<0.00115	<0.00115	<0.00107
Trichlorofluoromethane	0.005	0.015	12000	<0.00571	<0.00576	<0.00577	<0.00534
Vinyl chloride	0.001	0.005	3.4	<0.00114	<0.00115	<0.00115	<0.00107

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB16-01	SO-SB17-01	SO-SB18-01	SO-FD-5
				10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	10-21-2010 30 Acre Source Area (mg/kg)	Duplicate Sample of SO- SB18-01 10- 21-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-14	12.5-15	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00113	<0.00118	<0.00101	<0.00107
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00113	<0.00118	<0.00101	<0.00107
1,1,2-Trichloroethane	0.001	0.005	10	<0.00113	<0.00118	<0.00101	<0.00107
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00565	<0.00591	<0.00505	<0.00533
1,1-Dichloroethane	0.001	0.005	2600	<0.00113	<0.00118	<0.00101	<0.00107
1,1-Dichloroethene	0.001	0.005	1600	<0.00113	<0.00118	<0.00101	<0.00107
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00113	<0.00118	<0.00101	<0.00107
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00113	<0.00118	<0.00101	<0.00107
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00113	<0.00118	<0.00101	<0.00107
1,2-Dichlorobenzene	0.001	0.005	390	<0.00113	<0.00118	<0.00101	<0.00107
1,2-Dichloroethane	0.001	0.005	6.4	<0.00113	<0.00118	<0.00101	<0.00107
1,2-Dichloropropane	0.001	0.005	31	<0.00113	<0.00118	<0.00101	<0.00107
1,3-Dichlorobenzene	0.001	0.005	62	<0.00113	<0.00118	<0.00101	<0.00107
1,4-Dichlorobenzene	0.001	0.005	250	<0.00113	<0.00118	<0.00101	<0.00107
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00565	<0.00591	<0.00505	<0.00533
2-Hexanone	0.005	0.015	210	<0.00565	<0.00591	<0.00505	<0.00533
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00565	<0.00591	<0.00505	<0.00533
Acetone	0.015	0.05	5400	<0.0169	<0.0177	<0.0152	<0.0160
Benzene	0.001	0.005	48	<0.00113	<0.00118	<0.00101	<0.00107
Bromodichloromethane	0.001	0.005	98	<0.00113	<0.00118	<0.00101	<0.00107
Bromoform	0.001	0.005	280	<0.00113	<0.00118	<0.00101	<0.00107
Bromomethane	0.001	0.005	29	<0.00113	<0.00118	<0.00101	<0.00107
Carbon disulfide	0.001	0.005	3300	<0.00113	<0.00118	<0.00101	<0.00107
Carbon tetrachloride	0.001	0.005	9.7	<0.00113	<0.00118	<0.00101	<0.00107
Chlorobenzene	0.001	0.005	320	<0.00113	<0.00118	<0.00101	<0.00107
Chloroethane	0.001	0.005	23000	<0.00113	<0.00118	<0.00101	<0.00107
Chloroform	0.001	0.005	8	<0.00113	<0.00118	<0.00101	<0.00107
Chloromethane	0.001	0.005	84	<0.00113	<0.00118	<0.00101	<0.00107
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00113	<0.00118	<0.00101	<0.00107
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00113	<0.00118	<0.00101	<0.00107
Cyclohexane	0.005	0.015	42000	<0.00565 N	<0.00591 N	<0.00505 N	<0.00533 N
Dibromochloromethane	0.001	0.005	72	<0.00113	<0.00118	<0.00101	<0.00107
Dichlorodifluoromethane	0.001	0.005	12000	<0.00113	<0.00118	<0.00101	<0.00107
Ethylbenzene	0.001	0.005	4000	<0.00113	<0.00118	<0.00101	<0.00107
Isopropylbenzene	0.001	0.005	3000	<0.00113	<0.00118	<0.00101	<0.00107
m,p-Xylene	0.001	0.005	4700	<0.00113	<0.00118	<0.00101	<0.00107
Methyl Acetate	0.005	0.015	4500	<0.00565	<0.00591	<0.00505	<0.00533
Methyl tert-butyl ether	0.001	0.005	590	<0.00113	<0.00118	<0.00101	<0.00107
Methylcyclohexane	0.005	0.015	22000	<0.00565	<0.00591	<0.00505	<0.00533
Methylene chloride	0.005	0.005	260	<0.00565	<0.00591	<0.00505	<0.00533
o-Xylene	0.001	0.005	29000	<0.00113	<0.00118	<0.00101	<0.00107
Styrene	0.001	0.005	4300	<0.00113	<0.00118	<0.00101	<0.00107
Tetrachloroethene	0.001	0.005	94	<0.00113	<0.00118	<0.00101	<0.00107
Toluene	0.001	0.005	5400	<0.00113	<0.00118	<0.00101	<0.00107
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00113	<0.00118	<0.00101	<0.00107
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00113	<0.00118	<0.00101	<0.00107
Trichloroethene	0.001	0.005	68	<0.00113	<0.00118	<0.00101	<0.00107
Trichlorofluoromethane	0.005	0.015	12000	<0.00565	<0.00591	<0.00505	<0.00533
Vinyl chloride	0.001	0.005	3.4	<0.00113	<0.00118	<0.00101	<0.00107

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB19-01	EPA split SO	SO-SB20-01	SO-FD-01
				10-21-2010 30 Acre Source Area (mg/kg)	SB1901 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)	Duplicate Sample of SO- SB20-01 10- 18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				15-19	15-19	10-15	10-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00119	<0.0048	<0.00110	<0.00105
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00119	<0.0048	<0.00110	<0.00105
1,1,2-Trichloroethane	0.001	0.005	10	<0.00119	<0.0048	<0.00110	<0.00105
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00594	<0.0048	<0.00551	<0.00523
1,1-Dichloroethane	0.001	0.005	2600	<0.00119	<0.0048	<0.00110	<0.00105
1,1-Dichloroethene	0.001	0.005	1600	<0.00119	<0.0048	<0.00110	<0.00105
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00119	<0.0048	<0.00110	<0.00105
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00119	<0.0048	<0.00110	<0.00105
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00119	<0.0048	<0.00110	<0.00105
1,2-Dichlorobenzene	0.001	0.005	390	<0.00119	<0.0048	<0.00110	<0.00105
1,2-Dichloroethane	0.001	0.005	6.4	<0.00119	<0.0048	<0.00110	<0.00105
1,2-Dichloropropane	0.001	0.005	31	<0.00119	<0.0048	<0.00110	<0.00105
1,3-Dichlorobenzene	0.001	0.005	62	<0.00119	<0.0048	<0.00110	<0.00105
1,4-Dichlorobenzene	0.001	0.005	250	<0.00119	<0.0048	<0.00110	<0.00105
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00594	<0.0048	<0.00551	<0.00523
2-Hexanone	0.005	0.015	210	<0.00594	<0.0048	<0.00551	<0.00523
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00594	<0.0048	<0.00551	<0.00523
Acetone	0.015	0.05	5400	<0.0178	<0.0096	<0.0165	<0.0157
Benzene	0.001	0.005	48	<0.00119	<0.0048	<0.00110	<0.00105
Bromodichloromethane	0.001	0.005	98	<0.00119	<0.0048	<0.00110	<0.00105
Bromoform	0.001	0.005	280	<0.00119	<0.0048	<0.00110	<0.00105
Bromomethane	0.001	0.005	29	<0.00119	<0.0048	<0.00110	<0.00105
Carbon disulfide	0.001	0.005	3300	<0.00119	<0.0048	<0.00110	<0.00105
Carbon tetrachloride	0.001	0.005	9.7	<0.00119	<0.0048	<0.00110	<0.00105
Chlorobenzene	0.001	0.005	320	<0.00119	<0.0048	<0.00110	<0.00105
Chloroethane	0.001	0.005	23000	<0.00119	<0.0048	<0.00110	<0.00105
Chloroform	0.001	0.005	8	<0.00119	<0.0048	<0.00110	<0.00105
Chloromethane	0.001	0.005	84	<0.00119	<0.0048	<0.00110	<0.00105
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00119	<0.0048	<0.00110	<0.00105
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00119	<0.0048	<0.00110	<0.00105
Cyclohexane	0.005	0.015	42000	<0.00594 N	<0.0048	<0.00551 N	<0.00523 N
Dibromochloromethane	0.001	0.005	72	<0.00119	<0.0048	<0.00110	<0.00105
Dichlorodifluoromethane	0.001	0.005	12000	<0.00119	<0.0048	<0.00110	<0.00105
Ethylbenzene	0.001	0.005	4000	<0.00119	<0.0048	<0.00110	<0.00105
Isopropylbenzene	0.001	0.005	3000	<0.00119	<0.0048	<0.00110	<0.00105
m,p-Xylene	0.001	0.005	4700	<0.00119	<0.0096	<0.00110	<0.00105
Methyl Acetate	0.005	0.015	4500	<0.00594	<0.0048	<0.00551	<0.00523
Methyl tert-butyl ether	0.001	0.005	590	<0.00119	<0.0048	<0.00110	<0.00105
Methylcyclohexane	0.005	0.015	22000	<0.00594	<0.0048	<0.00551	<0.00523
Methylene chloride	0.005	0.005	260	<0.00594	<0.0048	<0.00551	<0.00523
o-Xylene	0.001	0.005	29000	<0.00119	<0.0048	<0.00110	<0.00105
Styrene	0.001	0.005	4300	<0.00119	<0.0048	<0.00110	<0.00105
Tetrachloroethene	0.001	0.005	94	<0.00119	<0.0048	<0.00110	<0.00105
Toluene	0.001	0.005	5400	<0.00119	<0.0048	<0.00110	<0.00105
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00119	<0.0048	<0.00110	<0.00105
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00119	<0.0048	<0.00110	<0.00105
Trichloroethene	0.001	0.005	68	<0.00119	<0.0048	<0.00110	<0.00105
Trichlorofluoromethane	0.005	0.015	12000	<0.00594	<0.0048	<0.00551	<0.00523
Vinyl chloride	0.001	0.005	3.4	<0.00119	<0.0048	<0.00110	<0.00105

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	EPA split GP20-	SO-SB21-01	SO-SB23-01	SO-SB25-01
				01 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	17.5-20	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.0042	<0.00114	<0.00110	<0.000975
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.0042	<0.00114	<0.00110	<0.000975
1,1,2-Trichloroethane	0.001	0.005	10	<0.0042	<0.00114	<0.00110	<0.000975
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.0042	<0.00570	<0.00550	<0.00487
1,1-Dichloroethane	0.001	0.005	2600	<0.0042	<0.00114	<0.00110	<0.000975
1,1-Dichloroethene	0.001	0.005	1600	<0.0042	<0.00114	<0.00110	<0.000975
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.0042	<0.00114	<0.00110	<0.000975
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.0042	<0.00114	<0.00110	<0.000975
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.0042	<0.00114	<0.00110	<0.000975
1,2-Dichlorobenzene	0.001	0.005	390	<0.0042	<0.00114	<0.00110	<0.000975
1,2-Dichloroethane	0.001	0.005	6.4	<0.0042	<0.00114	<0.00110	<0.000975
1,2-Dichloropropane	0.001	0.005	31	<0.0042	<0.00114	<0.00110	<0.000975
1,3-Dichlorobenzene	0.001	0.005	62	<0.0042	<0.00114	<0.00110	<0.000975
1,4-Dichlorobenzene	0.001	0.005	250	<0.0042	<0.00114	<0.00110	<0.000975
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	0.0049 B,K	<0.00570	<0.00550	<0.00487
2-Hexanone	0.005	0.015	210	<0.0042	<0.00570	<0.00550	<0.00487
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.0042	<0.00570	<0.00550	<0.00487
Acetone	0.015	0.05	5400	<0.0085	<0.0171	<0.0165	<0.0146
Benzene	0.001	0.005	48	<0.0042	<0.00114	<0.00110	<0.000975
Bromodichloromethane	0.001	0.005	98	<0.0042	<0.00114	<0.00110	<0.000975
Bromoform	0.001	0.005	280	<0.0042	<0.00114	<0.00110	<0.000975
Bromomethane	0.001	0.005	29	<0.0042	<0.00114	<0.00110	<0.000975
Carbon disulfide	0.001	0.005	3300	<0.0042	<0.00114	<0.00110	<0.000975
Carbon tetrachloride	0.001	0.005	9.7	<0.0042	<0.00114	<0.00110	<0.000975
Chlorobenzene	0.001	0.005	320	<0.0042	<0.00114	<0.00110	<0.000975
Chloroethane	0.001	0.005	23000	<0.0042	<0.00114	<0.00110	<0.000975
Chloroform	0.001	0.005	8	<0.0042	<0.00114	<0.00110	<0.000975
Chloromethane	0.001	0.005	84	<0.0042	<0.00114	<0.00110	<0.000975
cis-1,2-Dichloroethene	0.001	0.005	720	<0.0042	<0.00114	<0.00110	<0.000975
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.0042	<0.00114	<0.00110	<0.000975
Cyclohexane	0.005	0.015	42000	<0.0042	<0.00570 N	<0.00550 N	<0.00487 N
Dibromochloromethane	0.001	0.005	72	<0.0042	<0.00114	<0.00110	<0.000975
Dichlorodifluoromethane	0.001	0.005	12000	<0.0042	<0.00114	<0.00110	<0.000975
Ethylbenzene	0.001	0.005	4000	<0.0042	<0.00114	<0.00110	<0.000975
Isopropylbenzene	0.001	0.005	3000	<0.0042	<0.00114	<0.00110	<0.000975
m,p-Xylene	0.001	0.005	4700	<0.0085	<0.00114	<0.00110	<0.000975
Methyl Acetate	0.005	0.015	4500	<0.0042	<0.00570	<0.00550	<0.00487
Methyl tert-butyl ether	0.001	0.005	590	<0.0042	<0.00114	<0.00110	<0.000975
Methylcyclohexane	0.005	0.015	22000	<0.0042	<0.00570	<0.00550	<0.00487
Methylene chloride	0.005	0.005	260	<0.0042	<0.00570	<0.00550	<0.00487
o-Xylene	0.001	0.005	29000	<0.0042	<0.00114	<0.00110	<0.000975
Styrene	0.001	0.005	4300	<0.0042	<0.00114	<0.00110	<0.000975
Tetrachloroethene	0.001	0.005	94	<0.0042	<0.00114	<0.00110	<0.000975
Toluene	0.001	0.005	5400	<0.0042	<0.00114	<0.00110	<0.000975
trans-1,2-Dichloroethene	0.001	0.005	370	<0.0042	<0.00114	<0.00110	<0.000975
trans-1,3-Dichloropropene	0.001	0.005	26	<0.0042	<0.00114	<0.00110	<0.000975
Trichloroethene	0.001	0.005	68	<0.0042	<0.00114	<0.00110	<0.000975
Trichlorofluoromethane	0.005	0.015	12000	<0.0042	<0.00570	<0.00550	<0.00487
Vinyl chloride	0.001	0.005	3.4	<0.0042	<0.00114	<0.00110	<0.000975

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB26-01 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB2601 30 Acre Source Area (mg/kg)	SO-SB27-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB28-01 10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	12.5-15	12.5-15	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.000976	<0.0039	<0.00116	<0.00106
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.000976	<0.0039	<0.00116	<0.00106
1,1,2-Trichloroethane	0.001	0.005	10	<0.000976	<0.0039	<0.00116	<0.00106
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00488	<0.0039	<0.00581	<0.00532
1,1-Dichloroethane	0.001	0.005	2600	<0.000976	<0.0039	<0.00116	<0.00106
1,1-Dichloroethene	0.001	0.005	1600	<0.000976	<0.0039	<0.00116	<0.00106
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.000976	<0.0039	<0.00116	<0.00106
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.000976	<0.0039	<0.00116	<0.00106
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.000976	<0.0039	<0.00116	<0.00106
1,2-Dichlorobenzene	0.001	0.005	390	<0.000976	<0.0039	<0.00116	<0.00106
1,2-Dichloroethane	0.001	0.005	6.4	<0.000976	<0.0039	<0.00116	<0.00106
1,2-Dichloropropane	0.001	0.005	31	<0.000976	<0.0039	<0.00116	<0.00106
1,3-Dichlorobenzene	0.001	0.005	62	<0.000976	<0.0039	<0.00116	<0.00106
1,4-Dichlorobenzene	0.001	0.005	250	<0.000976	<0.0039	<0.00116	<0.00106
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00488	<0.0039	<0.00581	<0.00532
2-Hexanone	0.005	0.015	210	<0.00488	<0.0039	<0.00581	<0.00532
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00488	<0.0039	<0.00581	<0.00532
Acetone	0.015	0.05	5400	<0.0146	<0.0078	<0.0174	<0.0160
Benzene	0.001	0.005	48	<0.000976	<0.0039	<0.00116	<0.00106
Bromodichloromethane	0.001	0.005	98	<0.000976	<0.0039	<0.00116	<0.00106
Bromoform	0.001	0.005	280	<0.000976	<0.0039	<0.00116	<0.00106
Bromomethane	0.001	0.005	29	<0.000976	<0.0039	<0.00116	<0.00106
Carbon disulfide	0.001	0.005	3300	<0.000976	<0.0039	<0.00116	<0.00106
Carbon tetrachloride	0.001	0.005	9.7	<0.000976	<0.0039	<0.00116	<0.00106
Chlorobenzene	0.001	0.005	320	<0.000976	<0.0039	<0.00116	<0.00106
Chloroethane	0.001	0.005	23000	<0.000976	<0.0039	<0.00116	<0.00106
Chloroform	0.001	0.005	8	<0.000976	<0.0039	<0.00116	<0.00106
Chloromethane	0.001	0.005	84	<0.000976	<0.0039	<0.00116	<0.00106
cis-1,2-Dichloroethene	0.001	0.005	720	<0.000976	<0.0039	<0.00116	<0.00106
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.000976	<0.0039	<0.00116	<0.00106
Cyclohexane	0.005	0.015	42000	<0.00488 N	<0.0039	<0.00581 N	<0.00532 N
Dibromochloromethane	0.001	0.005	72	<0.000976	<0.0039	<0.00116	<0.00106
Dichlorodifluoromethane	0.001	0.005	12000	<0.000976	<0.0039	<0.00116	<0.00106
Ethylbenzene	0.001	0.005	4000	<0.000976	<0.0039	<0.00116	<0.00106
Isopropylbenzene	0.001	0.005	3000	<0.000976	<0.0039	<0.00116	<0.00106
m,p-Xylene	0.001	0.005	4700	<0.000976	<0.0078	<0.00116	<0.00106
Methyl Acetate	0.005	0.015	4500	<0.00488	<0.0039	<0.00581	<0.00532
Methyl tert-butyl ether	0.001	0.005	590	<0.000976	<0.0039	<0.00116	<0.00106
Methylcyclohexane	0.005	0.015	22000	<0.00488	<0.0039	<0.00581	<0.00532
Methylene chloride	0.005	0.005	260	<0.00488	<0.0039	<0.00581	<0.00532
o-Xylene	0.001	0.005	29000	<0.000976	<0.0039	<0.00116	<0.00106
Styrene	0.001	0.005	4300	<0.000976	<0.0039	<0.00116	<0.00106
Tetrachloroethene	0.001	0.005	94	<0.000976	<0.0039	<0.00116	<0.00106
Toluene	0.001	0.005	5400	<0.000976	<0.0039	<0.00116	<0.00106
trans-1,2-Dichloroethene	0.001	0.005	370	<0.000976	<0.0039	<0.00116	<0.00106
trans-1,3-Dichloropropene	0.001	0.005	26	<0.000976	<0.0039	<0.00116	<0.00106
Trichloroethene	0.001	0.005	68	<0.000976	<0.0039	<0.00116	<0.00106
Trichlorofluoromethane	0.005	0.015	12000	<0.00488	<0.0039	<0.00581	<0.00532
Vinyl chloride	0.001	0.005	3.4	<0.000976	<0.0039	<0.00116	<0.00106

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB29-01	SO-SB32-01	SO-SB33-01	SO-SB33-02
				10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)	10-18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	10-15	5-7.5	12.5-15
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00104	<0.00117	<0.000989	<0.00105
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00104	<0.00117	<0.000989	<0.00105
1,1,2-Trichloroethane	0.001	0.005	10	<0.00104	<0.00117	<0.000989	<0.00105
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00522	<0.00585	<0.00494	<0.00526
1,1-Dichloroethane	0.001	0.005	2600	<0.00104	<0.00117	<0.000989	<0.00105
1,1-Dichloroethene	0.001	0.005	1600	<0.00104	<0.00117	<0.000989	<0.00105
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00104	<0.00117	<0.000989	<0.00105
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00104	<0.00117	<0.000989	<0.00105
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00104	<0.00117	<0.000989	<0.00105
1,2-Dichlorobenzene	0.001	0.005	390	<0.00104	<0.00117	<0.000989	<0.00105
1,2-Dichloroethane	0.001	0.005	6.4	<0.00104	<0.00117	<0.000989	<0.00105
1,2-Dichloropropane	0.001	0.005	31	<0.00104	<0.00117	<0.000989	<0.00105
1,3-Dichlorobenzene	0.001	0.005	62	<0.00104	<0.00117	<0.000989	<0.00105
1,4-Dichlorobenzene	0.001	0.005	250	<0.00104	<0.00117	<0.000989	<0.00105
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00522	<0.00585	<0.00494	<0.00526
2-Hexanone	0.005	0.015	210	<0.00522	<0.00585	<0.00494	<0.00526
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00522	<0.00585	<0.00494	<0.00526
Acetone	0.015	0.05	5400	<0.0157	<0.0175	0.0355 J	<0.0158
Benzene	0.001	0.005	48	<0.00104	<0.00117	<0.000989	<0.00105
Bromodichloromethane	0.001	0.005	98	<0.00104	<0.00117	<0.000989	<0.00105
Bromoform	0.001	0.005	280	<0.00104	<0.00117	<0.000989	<0.00105
Bromomethane	0.001	0.005	29	<0.00104	<0.00117	<0.000989	<0.00105
Carbon disulfide	0.001	0.005	3300	<0.00104	<0.00117	<0.000989	<0.00105
Carbon tetrachloride	0.001	0.005	9.7	<0.00104	<0.00117	<0.000989	<0.00105
Chlorobenzene	0.001	0.005	320	<0.00104	<0.00117	<0.000989	<0.00105
Chloroethane	0.001	0.005	23000	<0.00104	<0.00117	<0.000989	<0.00105
Chloroform	0.001	0.005	8	<0.00104	<0.00117	<0.000989	<0.00105
Chloromethane	0.001	0.005	84	<0.00104	<0.00117	<0.000989	<0.00105
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00104	<0.00117	<0.000989	<0.00105
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00104	<0.00117	<0.000989	<0.00105
Cyclohexane	0.005	0.015	42000	<0.00522 N	<0.00585 N	<0.00494 N	<0.00526 N
Dibromochloromethane	0.001	0.005	72	<0.00104	<0.00117	<0.000989	<0.00105
Dichlorodifluoromethane	0.001	0.005	12000	<0.00104	<0.00117	<0.000989	<0.00105
Ethylbenzene	0.001	0.005	4000	<0.00104	<0.00117	<0.000989	<0.00105
Isopropylbenzene	0.001	0.005	3000	<0.00104	<0.00117	<0.000989	<0.00105
m,p-Xylene	0.001	0.005	4700	<0.00104	<0.00117	<0.000989	<0.00105
Methyl Acetate	0.005	0.015	4500	<0.00522	<0.00585	<0.00494	<0.00526
Methyl tert-butyl ether	0.001	0.005	590	<0.00104	<0.00117	<0.000989	<0.00105
Methylcyclohexane	0.005	0.015	22000	<0.00522	<0.00585	<0.00494	<0.00526
Methylene chloride	0.005	0.005	260	<0.00522	<0.00585	<0.00494	<0.00526
o-Xylene	0.001	0.005	29000	<0.00104	<0.00117	<0.000989	<0.00105
Styrene	0.001	0.005	4300	<0.00104	<0.00117	<0.000989	<0.00105
Tetrachloroethene	0.001	0.005	94	<0.00104	<0.00117	<0.000989	<0.00105
Toluene	0.001	0.005	5400	<0.00104	<0.00117	<0.000989	<0.00105
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00104	<0.00117	<0.000989	<0.00105
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00104	<0.00117	<0.000989	<0.00105
Trichloroethene	0.001	0.005	68	<0.00104	<0.00117	<0.000989	<0.00105
Trichlorofluoromethane	0.005	0.015	12000	<0.00522	<0.00585	<0.00494	<0.00526
Vinyl chloride	0.001	0.005	3.4	<0.00104	<0.00117	<0.000989	<0.00105

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB36-01	SO-SB37-01	SO-SB38-01	SO-SB39-01
				10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)	10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				5-10	5-10	10-13	10-14
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00113	<0.00109	<0.00105	<0.00102
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00113	<0.00109	<0.00105	<0.00102
1,1,2-Trichloroethane	0.001	0.005	10	<0.00113	<0.00109	<0.00105	<0.00102
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00563	<0.00546	<0.00526	<0.00510
1,1-Dichloroethane	0.001	0.005	2600	<0.00113	<0.00109	<0.00105	<0.00102
1,1-Dichloroethene	0.001	0.005	1600	<0.00113	<0.00109	<0.00105	<0.00102
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00113	<0.00109	<0.00105	<0.00102
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00113	<0.00109	<0.00105	<0.00102
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00113	<0.00109	<0.00105	<0.00102
1,2-Dichlorobenzene	0.001	0.005	390	<0.00113	<0.00109	<0.00105	<0.00102
1,2-Dichloroethane	0.001	0.005	6.4	<0.00113	<0.00109	<0.00105	<0.00102
1,2-Dichloropropane	0.001	0.005	31	<0.00113	<0.00109	<0.00105	<0.00102
1,3-Dichlorobenzene	0.001	0.005	62	<0.00113	<0.00109	<0.00105	<0.00102
1,4-Dichlorobenzene	0.001	0.005	250	<0.00113	<0.00109	<0.00105	<0.00102
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00563	<0.00546	<0.00526	<0.00510
2-Hexanone	0.005	0.015	210	<0.00563	<0.00546	<0.00526	<0.00510
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00563	<0.00546	<0.00526	<0.00510
Acetone	0.015	0.05	5400	<0.0169	<0.0164	<0.0158	<0.0153
Benzene	0.001	0.005	48	<0.00113	<0.00109	<0.00105	<0.00102
Bromodichloromethane	0.001	0.005	98	<0.00113	<0.00109	<0.00105	<0.00102
Bromoform	0.001	0.005	280	<0.00113	<0.00109	<0.00105	<0.00102
Bromomethane	0.001	0.005	29	<0.00113	<0.00109	<0.00105	<0.00102
Carbon disulfide	0.001	0.005	3300	<0.00113	<0.00109	<0.00105	<0.00102
Carbon tetrachloride	0.001	0.005	9.7	<0.00113	<0.00109	<0.00105	<0.00102
Chlorobenzene	0.001	0.005	320	<0.00113	<0.00109	<0.00105	<0.00102
Chloroethane	0.001	0.005	23000	<0.00113	<0.00109	<0.00105	<0.00102
Chloroform	0.001	0.005	8	<0.00113	<0.00109	<0.00105	<0.00102
Chloromethane	0.001	0.005	84	<0.00113	<0.00109	<0.00105	<0.00102
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00113	<0.00109	<0.00105	<0.00102
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00113	<0.00109	<0.00105	<0.00102
Cyclohexane	0.005	0.015	42000	<0.00563 N	<0.00546 N	<0.00526 N	<0.00510 N
Dibromochloromethane	0.001	0.005	72	<0.00113	<0.00109	<0.00105	<0.00102
Dichlorodifluoromethane	0.001	0.005	12000	<0.00113	<0.00109	<0.00105	<0.00102
Ethylbenzene	0.001	0.005	4000	<0.00113	<0.00109	<0.00105	<0.00102
Isopropylbenzene	0.001	0.005	3000	<0.00113	<0.00109	<0.00105	<0.00102
m,p-Xylene	0.001	0.005	4700	<0.00113	<0.00109	<0.00105	<0.00102
Methyl Acetate	0.005	0.015	4500	<0.00563	<0.00546	<0.00526	<0.00510
Methyl tert-butyl ether	0.001	0.005	590	<0.00113	<0.00109	<0.00105	<0.00102
Methylcyclohexane	0.005	0.015	22000	<0.00563	<0.00546	<0.00526	<0.00510
Methylene chloride	0.005	0.005	260	<0.00563	<0.00546	<0.00526	<0.00510
o-Xylene	0.001	0.005	29000	<0.00113	<0.00109	<0.00105	<0.00102
Styrene	0.001	0.005	4300	<0.00113	<0.00109	<0.00105	<0.00102
Tetrachloroethene	0.001	0.005	94	<0.00113	<0.00109	<0.00105	<0.00102
Toluene	0.001	0.005	5400	<0.00113	<0.00109	<0.00105	<0.00102
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00113	<0.00109	<0.00105	<0.00102
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00113	<0.00109	<0.00105	<0.00102
Trichloroethene	0.001	0.005	68	<0.00113	<0.00109	<0.00105	<0.00102
Trichlorofluoromethane	0.005	0.015	12000	<0.00563	<0.00546	<0.00526	<0.00510
Vinyl chloride	0.001	0.005	3.4	<0.00113	<0.00109	<0.00105	<0.00102

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^{Soil} Comb 30 Acre Source Area (mg/kg)	SO-SB40-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-FD-07 Duplicate Sample of SO-SB40-01 10-22-2010 30 Acre Source Area (mg/kg)
				5-10	5-10
Sample Depth (ft)				5-10	5-10
1,1,1-Trichloroethane	0.001	0.005	32000	<0.00139	<0.00147
1,1,2,2-Tetrachloroethane	0.001	0.005	4	<0.00139	<0.00147
1,1,2-Trichloroethane	0.001	0.005	10	<0.00139	<0.00147
1,1,2-Trichlorotrifluoroethane	0.005	0.015	220000	<0.00697	<0.00734
1,1-Dichloroethane	0.001	0.005	2600	<0.00139	<0.00147
1,1-Dichloroethene	0.001	0.005	1600	<0.00139	<0.00147
1,2,4-Trichlorobenzene	0.001	0.005	71	<0.00139	<0.00147
1,2-Dibromo-3-chloropropane	0.001	0.005	0.08	<0.00139	<0.00147
1,2-Dibromoethane (Ethylene dibromide)	0.001	0.005	0.43	<0.00139	<0.00147
1,2-Dichlorobenzene	0.001	0.005	390	<0.00139	<0.00147
1,2-Dichloroethane	0.001	0.005	6.4	<0.00139	<0.00147
1,2-Dichloropropane	0.001	0.005	31	<0.00139	<0.00147
1,3-Dichlorobenzene	0.001	0.005	62	<0.00139	<0.00147
1,4-Dichlorobenzene	0.001	0.005	250	<0.00139	<0.00147
2-Butanone (Methyl ethyl ketone)	0.005	0.015	27000	<0.00697	<0.00734
2-Hexanone	0.005	0.015	210	<0.00697	<0.00734
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.005	0.015	5400	<0.00697	<0.00734
Acetone	0.015	0.05	5400	0.0357 J	0.0386 J
Benzene	0.001	0.005	48	<0.00139	<0.00147
Bromodichloromethane	0.001	0.005	98	<0.00139	<0.00147
Bromoform	0.001	0.005	280	<0.00139	<0.00147
Bromomethane	0.001	0.005	29	<0.00139	<0.00147
Carbon disulfide	0.001	0.005	3300	<0.00139	<0.00147
Carbon tetrachloride	0.001	0.005	9.7	<0.00139	<0.00147
Chlorobenzene	0.001	0.005	320	<0.00139	<0.00147
Chloroethane	0.001	0.005	23000	<0.00139	<0.00147
Chloroform	0.001	0.005	8	<0.00139	<0.00147
Chloromethane	0.001	0.005	84	<0.00139	<0.00147
cis-1,2-Dichloroethene	0.001	0.005	720	<0.00139	<0.00147
cis-1,3-Dichloropropene	0.001	0.005	7.1	<0.00139	<0.00147
Cyclohexane	0.005	0.015	42000	<0.00697 N	<0.00734 N
Dibromochloromethane	0.001	0.005	72	<0.00139	<0.00147
Dichlorodifluoromethane	0.001	0.005	12000	<0.00139	<0.00147
Ethylbenzene	0.001	0.005	4000	<0.00139	<0.00147
Isopropylbenzene	0.001	0.005	3000	<0.00139	<0.00147
m,p-Xylene	0.001	0.005	4700	<0.00139	<0.00147
Methyl Acetate	0.005	0.015	4500	<0.00697	<0.00734
Methyl tert-butyl ether	0.001	0.005	590	<0.00139	<0.00147
Methylcyclohexane	0.005	0.015	22000	<0.00697	<0.00734
Methylene chloride	0.005	0.005	260	<0.00697	<0.00734
o-Xylene	0.001	0.005	29000	<0.00139	<0.00147
Styrene	0.001	0.005	4300	<0.00139	<0.00147
Tetrachloroethene	0.001	0.005	94	<0.00139	<0.00147
Toluene	0.001	0.005	5400	<0.00139	<0.00147
trans-1,2-Dichloroethene	0.001	0.005	370	<0.00139	<0.00147
trans-1,3-Dichloropropene	0.001	0.005	26	<0.00139	<0.00147
Trichloroethene	0.001	0.005	68	<0.00139	<0.00147
Trichlorofluoromethane	0.005	0.015	12000	<0.00697	<0.00734
Vinyl chloride	0.001	0.005	3.4	<0.00139	<0.00147

Notes:

J = Analyte detected between MDL and RL or SDL and RL

N = Parameter not NELAC Certified

MDL = Method Detection Limit

MQL = Method Quantitation Limit

Blue = Detectable Concentration

Table 2.2 e PAH Levels in Soil

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	SO-MW1-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-FD-2 Duplicate Sample of SO- MW1-01 10-19- 2010 30 Acre Source Area (mg/kg)	SO-MW1-02 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW101 30 Acre Source Area (mg/kg)	SO-MW2-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW201 30 Acre Source Area (mg/kg)	SO-MW2-02 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW202 30 Acre Source Area (mg/kg)	SO-MW3-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-FD-3 Duplicate Sample of SO- MW3-01 10-19- 2010	EPA split SO MW301 30 Acre Source Area (mg/kg)	SO-MW4-01 10-20-2010 30 Acre Source Area (mg/kg)
				10-15	10-15	15-20	15-20	0-2.5	0-2.5	12.5-15	12.5-15	10-12	10-12	10-12	10-12.5
Acenaphthene	0.02	0.05	3000	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Acenaphthylene	0.01	0.05	3800	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Anthracene	0.01	0.05	18000	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Benzo[a]anthracene	0.02	0.05	5.6	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Benzo[a]pyrene	0.03	0.05	56	<0.0338	<0.0346	<0.0341	<0.0436	<0.0338	<0.0494	<0.0331	<0.0476	<0.0336	<0.0345	<0.0468	<0.0351
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Benzo[k]fluoranthene	0.03	0.05	57	<0.0338	<0.0346	<0.0341	<0.0436	<0.0338	<0.0494	<0.0331	<0.0476	<0.0336	<0.0345	<0.0468	<0.0351
Chrysene	0.02	0.05	560	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234
Fluoranthene	0.01	0.05	2300	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Fluorene	0.01	0.05	2300	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Naphthalene	0.01	0.05	120	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Phenanthrene	0.01	0.05	1700	<0.0113	<0.0115	<0.0114	<0.0436	<0.0113	<0.0494	<0.0110	<0.0476	<0.0112	<0.0115	<0.0468	<0.0117
Pyrene	0.02	0.05	1700	<0.0225	<0.0231	<0.0227	<0.0436	<0.0225	<0.0494	<0.0221	<0.0476	<0.0224	<0.0230	<0.0468	<0.0234

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO MW401 30 Acre Source Area (mg/kg)	SO-MW5-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW501 30 Acre Source Area (mg/kg)	SO MW-6 01 10-18-2010 30 Acre Source Area (mg/kg)	EPA split SO MW601 30 Acre Source Area (mg/kg)	SO MW-6 02 10-18-2010 30 Acre Source Area (mg/kg)	EPA split SO MW602 30 Acre Source Area (mg/kg)	SO-MW7-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW701 30 Acre Source Area (mg/kg)	SO-MW8-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW801 30 Acre Source Area (mg/kg)	SO-MW8-02 10-20-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-12.5	10-13	10-13	0-2.5	0-2.5	12.5-15	12.5-15	12.5-15	12.5-15	7.5-10	7.5-10	10-12.5
Acenaphthene	0.02	0.05	3000	<0.0473	<0.0232	<0.0487	<0.0242	<0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Acenaphthylene	0.01	0.05	3800	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Anthracene	0.01	0.05	18000	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Benzo[a]anthracene	0.02	0.05	5.6	<0.0473	<0.0232	<0.0487	<0.0242	<0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Benzo[a]pyrene	0.03	0.05	56	<0.0473	<0.0348	<0.0487	<0.0363	<0.0487	<0.0363	<0.0476	<0.0354	<0.0497	<0.0367	<0.471	<0.0387
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0473	<0.0232	<0.0487	<0.0242	0.0496	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0473	<0.0232	<0.0487	<0.0242	<0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Benzo[k]fluoranthene	0.03	0.05	57	<0.0473	<0.0348	<0.0487	<0.0363	<0.0487	<0.0363	<0.0476	<0.0354	<0.0497	<0.0367	<0.471	<0.0387
Chrysene	0.02	0.05	560	<0.0473	<0.0232	<0.0487	<0.0242	0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0473	<0.0232	<0.0487	<0.0242	<0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258
Fluoranthene	0.01	0.05	2300	<0.0473	<0.0116	<0.0487	<0.0121	0.071	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Fluorene	0.01	0.05	2300	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Naphthalene	0.01	0.05	120	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Phenanthrene	0.01	0.05	1700	<0.0473	<0.0116	<0.0487	<0.0121	<0.0487	<0.0121	<0.0476	<0.0118	<0.0497	<0.0122	<0.471	<0.0129
Pyrene	0.02	0.05	1700	<0.0473	<0.0232	<0.0487	<0.0242	<0.0487	<0.0242	<0.0476	<0.0236	<0.0497	<0.0245	<0.471	<0.0258

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO MW802 30 Acre Source Area (mg/kg)	SO-MW8-03 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW803 30 Acre Source Area (mg/kg)	SO-SB1-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-FD-4 Duplicate Sample of SO-SB1-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB2-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB2-02 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB202 30 Acre Source Area (mg/kg)	SO-SB3-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB4-01 10-22-2010	SO-SB5-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-FD-6 Duplicate Sample of SO-SB-5-01 10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10=12.5	12.5-15	12.5-15	12.5-15	12.5-15	0-5	10-13	10-13	7.5-10	15-17.5	5-10	5-10
Acenaphthene	0.02	0.05	3000	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	0.145	<0.0236
Acenaphthylene	0.01	0.05	3800	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	<0.0117	<0.0118
Anthracene	0.01	0.05	18000	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	0.0132 J	<0.0118
Benzo[a]anthracene	0.02	0.05	5.6	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236
Benzo[a]pyrene	0.03	0.05	56	<0.0487	<0.0358	<0.0432	<0.0338	<0.0338	<0.0326	<0.0355	<0.0487	<0.0366	<0.0352	<0.0351	<0.0354
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236
Benzo[k]fluoranthene	0.03	0.05	57	<0.0487	<0.0358	<0.0432	<0.0338	<0.0338	<0.0326	<0.0355	<0.0487	<0.0366	<0.0352	<0.0351	<0.0354
Chrysene	0.02	0.05	560	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236
Fluoranthene	0.01	0.05	2300	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	0.0129 J	<0.0118
Fluorene	0.01	0.05	2300	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	0.0758	<0.0118
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	<0.0117	<0.0118
Naphthalene	0.01	0.05	120	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	0.273	0.0356 J
Phenanthrene	0.01	0.05	1700	<0.0487	<0.0119	<0.0432	<0.0113	<0.0113	<0.0109	<0.0118	<0.0487	<0.0122	<0.0117	0.104	0.0281 J
Pyrene	0.02	0.05	1700	<0.0487	<0.0238	<0.0432	<0.0225	<0.0225	<0.0217	<0.0237	<0.0487	<0.0244	<0.0235	<0.0234	<0.0236

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	SO-SB5-02 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB6-01 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB7-01 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB7-02 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB8-01 10- 18-2010 30 Acre Source Area (mg/kg)	SO-SB9-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-SB10-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO GP1001 30 Acre Source Area (mg/kg)	SO-SB11-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB11-02 10- 21-2010 30 Acre Source Area (mg/kg)	SO-SB12-01 10- 21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB1201 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	5-7.5	2.5-5	17.5-20	17.5-20	12.5-15	17.5-20	17.5-20	5-7.5	15-17.5	10-15	10-15
Acenaphthene	0.02	0.05	3000	0.129	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Acenaphthylene	0.01	0.05	3800	<0.0116	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Anthracene	0.01	0.05	18000	0.0482 J	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Benzo[a]anthracene	0.02	0.05	5.6	0.0354 J	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Benzo[a]pyrene	0.03	0.05	56	<0.0347	<0.0366	<0.0350	<0.0362	<0.0326	<0.0305	<0.0366	<0.047	<0.0379	<0.0343	<0.0317	<0.045
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0231	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0231	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Benzo[k]fluoranthene	0.03	0.05	57	<0.0347	<0.0366	<0.0350	<0.0362	<0.0326	<0.0305	<0.0366	<0.047	<0.0379	<0.0343	<0.0317	<0.045
Chrysene	0.02	0.05	560	<0.0231	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0231	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045
Fluoranthene	0.01	0.05	2300	0.112	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Fluorene	0.01	0.05	2300	0.182	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0116	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Naphthalene	0.01	0.05	120	1.50	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Phenanthrene	0.01	0.05	1700	0.334	<0.0122	<0.0117	<0.0121	<0.0109	<0.0102	<0.0122	<0.047	<0.0126	<0.0114	<0.0106	<0.045
Pyrene	0.02	0.05	1700	0.0878	<0.0244	<0.0233	<0.0242	<0.0217	<0.0203	<0.0244	<0.047	<0.0252	<0.0229	<0.0212	<0.045

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB13-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-SB14-01 10- 21-2010 30 Acre Source Area (mg/kg)	SO-SB14-02 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB15-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB16-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB17-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB18-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-FD-5 Duplicate Sample of SO- SB18-01 10- 21-2010 30 Acre Source Area (mg/kg)	SO-SB19-01 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB1901 30 Acre Source Area (mg/kg)	SO-SB20-01 10- 18-2010 30 Acre Source Area (mg/kg)	SO-FD 01 Duplicate Sample of SO- SB20-01 10-21- 2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	7.5-10	10-12.5	12.5-15	10-14	12.5-15	12.5-15	12.5-15	15-19	15-19	10-15	10-15
Acenaphthene	0.02	0.05	3000	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Acenaphthylene	0.01	0.05	3800	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Anthracene	0.01	0.05	18000	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Benzo[a]anthracene	0.02	0.05	5.6	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Benzo[a]pyrene	0.03	0.05	56	<0.0322	<0.0371	<0.0375	<0.0350	<0.0366	<0.0371	<0.0354	<0.0348	<0.0393	<0.0487	<0.0387	<0.0370
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Benzo[k]fluoranthene	0.03	0.05	57	<0.0322	<0.0371	<0.0375	<0.0350	<0.0366	<0.0371	<0.0354	<0.0348	<0.0393	<0.0487	<0.0387	<0.0370
Chrysene	0.02	0.05	560	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247
Fluoranthene	0.01	0.05	2300	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Fluorene	0.01	0.05	2300	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Naphthalene	0.01	0.05	120	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Phenanthrene	0.01	0.05	1700	<0.0107	<0.0124	<0.0125	<0.0117	<0.0122	<0.0124	<0.0118	<0.0116	<0.0131	<0.0487	<0.0129	<0.0123
Pyrene	0.02	0.05	1700	<0.0214	<0.0248	<0.0250	<0.0234	<0.0244	<0.0247	<0.0236	<0.0232	<0.0262	<0.0487	<0.0258	<0.0247

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot Soil Comb 30 Acre Source Area (mg/kg)	EPA split SO GP20-01 30 Acre Source Area (mg/kg)	SO-SB21-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB23-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB25-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB26-01 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB2601 30 Acre Source Area (mg/kg)	SO-SB27-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB28-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB29-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB32-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB33-01 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB33-02 10-18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	17.5-20	12.5-15	12.5-15	12.5-15	12.5-15	12.5-15	12.5-15	12.5-15	10-15	5-7.5	12.5-15
Acenaphthene	0.02	0.05	3000	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Acenaphthylene	0.01	0.05	3800	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Anthracene	0.01	0.05	18000	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Benzo[a]anthracene	0.02	0.05	5.6	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Benzo[a]pyrene	0.03	0.05	56	<0.0492	<0.0346	<0.0354	<0.0332	<0.0349	<0.046.7	<0.0377	<0.0352	<0.0356	<0.0386	<0.0338	<0.0351
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Benzo[k]fluoranthene	0.03	0.05	57	<0.0492	<0.0346	<0.0354	<0.0332	<0.0349	<0.046.7	<0.0377	<0.0352	<0.0356	<0.0386	<0.0338	<0.0351
Chrysene	0.02	0.05	560	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234
Fluoranthene	0.01	0.05	2300	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Fluorene	0.01	0.05	2300	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Naphthalene	0.01	0.05	120	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Phenanthrene	0.01	0.05	1700	<0.0492	<0.0115	<0.0118	<0.0111	<0.0116	<0.046.7	<0.0126	<0.0117	<0.0119	<0.0129	<0.0113	<0.0117
Pyrene	0.02	0.05	1700	<0.0492	<0.0230	<0.0236	<0.0221	<0.0233	<0.046.7	<0.0252	<0.0235	<0.0237	<0.0258	<0.0226	<0.0234

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Total Soil Comb 30 Acre Source Area (mg/kg)	SO-SB36-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB37-01 10- 22-2010 30 Acre Source Area (mg/kg)	SO-SB38-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB39-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB40-01 10- 22-2010 30 Acre Source Area (mg/kg)	SO-FD-07 Duplicate Sample of SO-SB40-01 10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				5-10	5-10	10-13	10-14	5-10	5-10
Acenaphthene	0.02	0.05	3000	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Acenaphthylene	0.01	0.05	3800	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Anthracene	0.01	0.05	18000	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Benzo[a]anthracene	0.02	0.05	5.6	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Benzo[a]pyrene	0.03	0.05	56	<0.0369	<0.0348	<0.0346	<0.0339	<0.0403	<0.0435
Benzo[b]fluoranthene	0.02	0.05	5.7	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Benzo[g,h,i]perylene	0.02	0.05	1800	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Benzo[k]fluoranthene	0.03	0.05	57	<0.0369	<0.0348	<0.0346	<0.0339	<0.0403	<0.0435
Chrysene	0.02	0.05	560	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Dibenz[a,h]anthracene	0.02	0.05	0.55	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290
Fluoranthene	0.01	0.05	2300	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	0.0189 J
Fluorene	0.01	0.05	2300	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Indeno[1,2,3-cd]pyrene	0.01	0.05	5.7	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Naphthalene	0.01	0.05	120	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Phenanthrene	0.01	0.05	1700	<0.0123	<0.0116	<0.0115	<0.0113	<0.0134	<0.0145
Pyrene	0.02	0.05	1700	<0.0246	<0.0232	<0.0231	<0.0226	<0.0269	<0.0290

Notes:

J = Analyte detected between MDL and RL or SDL and RL

N = Parameter not NELAC Certified

MDL = Method Detection Limit

MQL = Method Quantitation Limit

Blue = Detectable Concentration

Table 2.2 f TPH Levels in Soil

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil Comb 30 Acre Source Area (mg/kg)	SO-MW1-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-FD-2 Duplicate Sample of SO-MW1-01 10-19-2010 30 Acre Source Area (mg/kg)	SO-MW1-02 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW101 30 Acre Source Area (mg/kg)	SO-MW2-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW201 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	10-15	15-20	15-20	0-2.5	0-2.5
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<8.23	<8.46	<7.33	<52.0	<7.59	<43.9
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<8.23	<8.46	<7.33	<52.0	<7.59	<43.9
T/R Hydrocarbons: C6-C12	7	20	1100.00	<8.23	<8.46	<7.33	<52.0	<7.59	<43.9
T/R Hydrocarbons: C6-C35	7	20	NL	<8.23	<8.46	<7.33	<52.0	<7.59	<43.9

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil Comb 30 Acre Source Area (mg/kg)	SO-SB1-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-FD-4 Duplicate Sample of SO-SB1-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB2-01 10-21-2010 30 Acre Source Area (mg/kg)		SO-SB2-02 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB202 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	12.5-15	0-5		10-13	10-13
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<6.83	<6.76	<10.1		<8.57	<46.9
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<6.83	<6.76	<10.1		<8.57	<46.9
T/R Hydrocarbons: C6-C12	7	20	1100.00	<6.83	7.65 J	<10.1		<8.57	<46.9
T/R Hydrocarbons: C6-C35	7	20	NL	<6.83	7.65 J	<10.1		<8.57	<46.9

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB11-01 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB11-02 10-21-2010 30 Acre Source Area (mg/kg)	SO-SB12-01 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB1201 30 Acre Source Area (mg/kg)	SO-SB13-01 10-19-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				5-7.5	15-17.5	10-15	10-15	12.5-15	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<6.86	<6.56	<7.75	<50.5	<7.20	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<6.86	<6.56	<7.75	<50.5	<7.20	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<6.86	<6.56	<7.75	<50.5	<7.20	
T/R Hydrocarbons: C6-C35	7	20	NL	<6.86	<6.56	<7.75	<50.5	<7.20	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB23-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB25-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB26-01 10-21-2010 30 Acre Source Area (mg/kg)	EPA split SO SB2601 30 Acre Source Area (mg/kg)	SO-SB27-01 10-22-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				12.5-15	12.5-15	12.5-15	12.5-15	12.5-15	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<7.22	<6.85	<6.22	<64.2	<6.83	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<7.22	<6.85	<6.22	<64.2	<6.83	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<7.22	<6.85	<6.22	<64.2	<6.83	
T/R Hydrocarbons: C6-C35	7	20	NL	<7.22	<6.85	<6.22	<64.2	<6.83	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-MW2-02 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO MW202 30 Acre Source Area (mg/kg)	SO-MW3-01 10- 19-2010 30 Acre Source Area (mg/kg)	SO-FD-3 Duplicate Sample of SO- MW3-01 10-19- 2010 30 Acre Source Area (mg/kg)	EPA split SO MW301 30 Acre Source Area (mg/kg)	SO-MW4-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW401 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	12.5-15	10-12	10-12	10-12	10-12.5	10-12.5
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<8.54	<54.7	<7.85	<7.39	<48.1	<6.62	<43.9
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<8.54	<54.7	<7.85	<7.39	<48.1	<6.62	<43.9
T/R Hydrocarbons: C6-C12	7	20	1100.00	<8.54	<54.7	<7.85	<7.39	<48.1	<6.62	<43.9
T/R Hydrocarbons: C6-C35	7	20	NL	<8.54	<54.7	<7.85	<7.39	<48.1	<6.62	<43.9

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB3-01 10- 21-2010 30 Acre Source Area (mg/kg)		SO-SB4-01 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB5-01 10- 22-2010 30 Acre Source Area (mg/kg)		SO-FD-6 Duplicate Sample of SO- SB-5-01 10-22- 2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				7.5-10		15-17.5	5-10		5-10	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<10.9		<6.68	<10.1		<8.24	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<10.9		<6.68	<10.1		<8.24	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<10.9		<6.68	<10.1		<8.24	
T/R Hydrocarbons: C6-C35	7	20	NL	<10.9		<6.68	<10.1		<8.24	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB14-01 10-21-2010 30 Acre Source Area (mg/kg)		SO-SB14-02 10- 21-2010 30 Acre Source Area (mg/kg)	SO-SB15-01 10- 21-2010 30 Acre Source Area (mg/kg)		SO-SB16-01 10- 21-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				7.5-10		10-12.5	12.5-15		10-14	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<11.4		<9.06	<6.96		<10.2	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<11.4		<9.06	<6.96		<10.2	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<11.4		<9.06	<6.96		<10.2	
T/R Hydrocarbons: C6-C35	7	20	NL	<11.4		<9.06	<6.96		<10.2	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB28-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-SB29-01 10- 22-2010 30 Acre Source Area (mg/kg)	SO-SB32-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-SB33-01 10-18-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				12.5-15		12.5-15	10-15		5-7.5	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<6.82		<6.26	<9.04		<8.30	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<6.82		<6.26	<9.04		<8.30	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<6.82		<6.26	<9.04		<8.30	
T/R Hydrocarbons: C6-C35	7	20	NL	<6.82		<6.26	<9.04		<8.30	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-MW5-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW501 30 Acre Source Area (mg/kg)	SO MW-6 01 10-18-2010 30 Acre Source Area (mg/kg)	EPA split SO MW601 30 Acre Source Area (mg/kg)	SO MW-6 02 10-18-2010 30 Acre Source Area (mg/kg)	EPA split SO MW602 30 Acre Source Area (mg/kg)	SO-MW7-01 10-20-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-13	10-13	0-2.5	0-2.5	12.5-15	12.5-15	12.5-15
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<8.46	<45.4	<7.86	<48.7	<7.78	<55.4	<6.35
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<8.46	<45.4	<7.86	<48.7	<7.78	<55.4	<6.35
T/R Hydrocarbons: C6-C12	7	20	1100.00	<8.46	<45.4	<7.86	<48.7	<7.78	<55.4	<6.35
T/R Hydrocarbons: C6-C35	7	20	NL	<8.46	<45.4	<7.86	<48.7	<7.78	<55.4	<6.35

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB5-02 10-22-2010 30 Acre Source Area (mg/kg)	SO-SB6-01 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB7-01 10-18-2010 30 Acre Source Area (mg/kg)	SO-SB7-02 10-18-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				10-15	5-7.5	2.5-5	17.5-20
T/R Hydrocarbons: >C12-C28	7	20	2000.00	1130	<8.46	<7.41	<8.11
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<45.7	<8.46	<7.41	<8.11
T/R Hydrocarbons: C6-C12	7	20	1100.00	5440	<8.46	<7.41	<8.11
T/R Hydrocarbons: C6-C35	7	20	NL	6570	<8.46	<7.41	<8.11

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB17-01 10-21-2010 30 Acre Source Area (mg/kg)		SO-SB18-01 10-21-2010 30 Acre Source Area (mg/kg)		SO-FD-5 Duplicate Sample of SO-SB18-01 10-21-2010 30 Acre Source Area (mg/kg)		SO-SB19-01 10-21-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15		12.5-15		12.5-15		15-19
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<6.85		<6.77		<6.55		<9.82
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<6.85		<6.77		<6.55		<9.82
T/R Hydrocarbons: C6-C12	7	20	1100.00	<6.85		<6.77		<6.55		<9.82
T/R Hydrocarbons: C6-C35	7	20	NL	<6.85		<6.77		<6.55		<9.82

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	SO-SB33-02 10-18-2010 30 Acre Source Area (mg/kg)		SO-SB36-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-SB37-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-SB38-01 10-22-2010 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15		5-10		5-10		10-13
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<8.37		<9.39		<8.39		<8.41
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<8.37		<9.39		<8.39		<8.41
T/R Hydrocarbons: C6-C12	7	20	1100.00	<8.37		<9.39		<8.39		<8.41
T/R Hydrocarbons: C6-C35	7	20	NL	<8.37		<9.39		<8.39		<8.41

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	EPA split SO MW701 30 Acre Source Area (mg/kg)	SO-MW8-01 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW801 30 Acre Source Area (mg/kg)	SO-MW8-02 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW802 30 Acre Source Area (mg/kg)	SO-MW8-03 10-20-2010 30 Acre Source Area (mg/kg)	EPA split SO MW803 30 Acre Source Area (mg/kg)
Sample Depth (ft)				12.5-15	7.5-10	7.5-10	10-12.5	10-12.5	12.5-15	12.5-15
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<60.9	<6.55	<49.2	<8.19	<58.2	<6.34	117 J
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<60.9	<6.55	<49.2	<8.19	<58.2	<6.34	<49.7
T/R Hydrocarbons: C6-C12	7	20	1100.00	<60.9	<6.55	<49.2	<8.19	<58.2	<6.34	153 J
T/R Hydrocarbons: C6-C35	7	20	NL	<60.9	<6.55	<49.2	<8.19	<58.2	<6.34	144 J

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)		SO-SB8-01 10-19-2010 30 Acre Source Area (mg/kg)		SO-SB9-01 10-19-2010 30 Acre Source Area (mg/kg)		SO-SB10-01 10-19-2010 30 Acre Source Area (mg/kg)	EPA split SO GP1001 30 Acre Source Area (mg/kg)
Sample Depth (ft)					17.5-20		12.5-15		17.5-20	17.5-20
T/R Hydrocarbons: >C12-C28	7	20	2000.00		<7.37		<8.75		<8.62	<48.0
T/R Hydrocarbons: >C28-C35	7	20	2000.00		<7.37		<8.75		<8.62	<48.0
T/R Hydrocarbons: C6-C12	7	20	1100.00		<7.37		<8.75		<8.62	<48.0
T/R Hydrocarbons: C6-C35	7	20	NL		<7.37		<8.75		<8.62	<48.0

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)	EPA split SO SB1901 30 Acre Source Area (mg/kg)	SO-SB20-01 10-18-2010 30 Acre Source Area (mg/kg)	EPA split SO GP20-01 30 Acre Source Area (mg/kg)	SO FD 01 Duplicate Sample of SO-SB20-01 10-18-2010 30 Acre Source Area (mg/kg)		SO-SB21-01 10-22-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)				15-19	10-15	10-15	10-15		17.5-20	
T/R Hydrocarbons: >C12-C28	7	20	2000.00	<52.9	<8.62	<49.1	<9.07		<6.83	
T/R Hydrocarbons: >C28-C35	7	20	2000.00	<52.9	<8.62	<49.1	<9.07		<6.83	
T/R Hydrocarbons: C6-C12	7	20	1100.00	<52.9	<8.62	<49.1	<9.07		<6.83	
T/R Hydrocarbons: C6-C35	7	20	NL	<52.9	<8.62	<49.1	<9.07		<6.83	

COC	Laboratory MDL (mg/Kg)	Laboratory MQL (mg/Kg)	Health-based Benchmark Tot ^l Soil _{Comb} 30 Acre Source Area (mg/kg)		SO-SB39-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-SB40-01 10-22-2010 30 Acre Source Area (mg/kg)		SO-FD-07 Duplicate Sample of SO-SB40-01 10-22-2010 30 Acre Source Area (mg/kg)	
Sample Depth (ft)					10-14		5-10		5-10	
T/R Hydrocarbons: >C12-C28	7	20	2000.00		<8.11		<10.7		<10.9	
T/R Hydrocarbons: >C28-C35	7	20	2000.00		<8.11		<10.7		<10.9	
T/R Hydrocarbons: C6-C12	7	20	1100.00		<8.11		<10.7		<10.9	
T/R Hydrocarbons: C6-C35	7	20	NL		<8.11		<10.7		<10.9	

Notes:

J = Analyte detected between MDL and RL or SDL and RL

N = Parameter not NELAC Certified

MDL = Method Detection Limit

MQL = Method Quantitation Limit

Blue = Detectable Concentration

Red = Exceeds Health-based Benchmark