Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	DSE-04 DSE-04-12-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-12-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-06 DSE-06-12-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-07 DSE-07-12-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-08 DSE-08-12-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-10 DSE-10-12-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-11 DSE-11-12-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-13 DSE-13-12-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-12-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-16 DSE-16-12-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-17 DSE-17-01-514 08/10/2012 FIELD ORIGINAL SAMPLE	DSE-18 DSE-18-01-514 08/10/2012 FIELD ORIGINAL SAMPLE	DSE-20 DSE-20-12-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-21 DSE-21-12-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSW-01 DSW-01-01-513 08/10/2012 FIELD ORIGINAL SAMPLE	DSW-01 DSW-01-01-523 08/10/2012 FIELD DUPLICATE SAMPLE	DSW-02 DSW-02-01-513 08/10/2012 FIELD ORIGINAL SAMPLE
Metals																					
Aluminum	mg/kg	24900	--	--	12900 *E	7700 N	10600 E	13900 *E	13200 E	6720 *E	8750	17300	9860	15200 E	9020	11800	17100 E	8300	6290	6500	7580
Antimony	mg/kg	9	31	3.13	3.5 JN	9.1 *	6.6 E	5 JN	3.1 JN	6.1 N	1.8 JN	4.4 LJ-	1.2 JN	3.5 JN	2 JN	2 JN	3.6 JN	3 JN	9.9 N	5.1 JN	2
Arsenic	mg/kg	40.8	0.39	11.5	28.7	20.7 *	24.5 E	38.9	14.5 N	18.3	10.4 N	35.2	13.8 N	24.3 N	8.1 *	14 *	31.7 N	13.6 N	25.4 *	23.9 *	12.9
Barium	mg/kg	25140	15,000	548	5370 *ED	5430 *D	12200 ED	7750 *ED	12600 ED	11400 *ED	6320 NED	11800	1750 NE	10600 ED	7440 *D	7170 *D	7660 ED	8380 NED	13600 D	13300 *D	8520
Beryllium	mg/kg	2.58	160	15.6	0.9 *	0.69	0.83	0.86 *	0.72	0.49 *	0.88	1	1	0.9	0.79	0.97	0.93	0.86	0.66	0.62	0.69
Cadmium	mg/kg	3.6	70	3.9	0.39 J	4.2 N	3.5	0.7	1.1	3.8	1.9	0.95	0.34 J	1.1	1.1 N	1.3 N	0.69	1.2	5.2 N	3.7 N	1.7
Calcium	mg/kg	21390	--	--	31100 E	12300 E	17700 *E	36800 E	8530 *E	12100 E	7280 E	8220	11400 E	19600 *E	9660 E	8270 E	10200 *E	7130 E	10600 E	10100 E	21600
Chromium	mg/kg	277.8	--	--	18.4 *	431	143	23.4 *	50.3	40.7 *	27.8 N	36.4	16.6 N	37.9	40.9	47.5	23.6	92.6 N	94.8	86.5	31.5
Cobalt	mg/kg	21.9	23	469	7 *	6 N*	11.5	10.4 *	9.7	4.9 *	8.1	13.4	12.4	12.3	5.4 N*	6.9 N*	12.6	7.3	3.2 JN*	3 JN*	5.8
Copper	mg/kg	142.8	3100	313	28.3 *E	66.7 E	71.9 *	37 *E	48.8 *	54.5 *E	41.1 N	35.8	23.7 N	49.4 *	67.3 E	81.9 E	28.1 *	47.6 N	95.1 E	85 E	41.7
Iron	mg/kg	57600	55000	--	19500 *E	22300 E	25400 *E	19600 *E	23800 *E	15200 *E	20900 E	25300	24200 E	24900 *E	34000 ED	30900 ED	23600 *E	19200 E	25600 E	19400 E	17600
Lead	mg/kg	633	400	400	159 *E	791	518 E	154 *E	153 E	607 *E	103	129 LJ	37	109 E	68.5	77.5	78.4 E	211	429	376	135
Magnesium	mg/kg	11520	--	--	4570 E	3100 E*	3810 E	5200 E	4250 E	2790 E	3910 E	5900	5330 E	5580 E	3950 E*	4730 E*	5540 E	3840 E	2650 E*	2610 E*	3690
Manganese	mg/kg	1524	1800	--	243 E	525 E*	565 *E	293 E	346 *E	389 E	555 NE	936	668 NE	594 *E	406 E*	304 E*	340 *E	508 NE	595 E*	539 E*	704
Mercury	mg/kg	0.81	10	2.35	0.25	1.2	0.84	0.26	0.23	0.85	0.16	0.19	0.061 J	0.21	0.14 J	0.18 J	0.17	0.27	0.54	0.55	0.28
Nickel	mg/kg	85.2	--	156	25.4	25.7 N*	32.7	31.3	29.8	20	27.6	39.2	34.3	34.4	30.8 N*	32.7 N*	33.4	28.4	22.9 N*	22.2 N*	24.2
Potassium	mg/kg	3660	--	--	1930	1620	1680	2150	2150	961	1470	2830	1760	2430	1810	1860	2910	1220	1120	1320	1630
Selenium	mg/kg	6.9	390	39.1	1.4 J	2.6 J	1.3 J	1.2 J	1.6 J	1.4 J	2.6 JN	1.7 LJ	2.7 JN	1.5 J	3.7	3.8	1.3 J	2.3 JN	3.1 J	2.6 J	2.1
Silver	mg/kg	2.04	390	39.1	0.36 J	3.6	2	0.37 J	0.69 J	2.5	0.2 J	0.59 LJ	0.96 U	0.46 J	0.49 J	0.4 J	0.2 J	0.68 J	2.2	1.8	0.62
Sodium	mg/kg	957	--	--	906	282 J	516	851	573	314 J	307 J	405 LJ	206 J	698	1110	1470	318 J	319 J	198 J	176 J	241
Vanadium	mg/kg	69.6	390	54.7	29.7 E	20.3 E	26.2 E	33 E	31.2 E	19.2 E	24.6 N	39.1	37.1 N	33.9 E	20.9 E	31.4 E	37 E	23.2 N	18.8 E	19.6 E*	20.3
Zinc	mg/kg	978	23000	2350	116 E	770 E	686 E	193 E	291 E	628 E	302 N	217 J	148 N	375 E	280 E	453 E	153 E	326 N	750 E	660 E	364
Semivolatiles																					
Acenaphthylene	mg/kg	0.22 U	--	347	0.41	0.23 U	0.21 U	0.25 U	0.23 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.23 U	0.22 U	0.058 J	0.054 J	0.25 U
Acetophenone	mg/kg	0.22 U	7800	--	0.34	0.13 J	0.059 J	0.077 J	0.23 U	0.1 J	0.23 U	0.24 U	0.23 U	0.25 U	0.67 U	0.18 J	0.23 U	0.22 U	0.26 U	0.25 U	0.25 U
Anthracene	mg/kg	2.37	17000	2190	0.12 J	0.1 J	0.054 J	0.25 U	0.23 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.082 J	0.079 J	0.063 J	0.069 J	0.25 U
Benzo(a)anthracene	mg/kg	0.24	0.15	0.62	0.13 J	0.23 U	0.065 J	0.068 J	0.23 U	0.25 U	0.047 J	0.24 UJv	0.23 U	0.25 U	0.37 J	0.79 U	0.15 J	0.08 J	0.098 J	0.13 J	0.05 J
Benzo(a)pyrene	mg/kg	0.3	0.015	0.33	0.22 J	0.19 J	0.088 J	0.065 J	0.23 U	0.25 U	0.047 J	0.24 U	0.23 U	0.25 U	0.21 J	0.79 U	0.1 J	0.1 J	0.12 J	0.14 J	0.061 J
Benzo(b)fluoranthene	mg/kg	0.186	0.15	0.62	0.34	0.26	0.13 J	0.091 J	0.063 J	0.25 U	0.063 J	0.24 U	0.23 U	0.098 J	0.71	0.79 U	0.19 J	0.062 J	0.24 J	0.27	0.052 J
Benzo(g,h,i)perylene	mg/kg	0.27	--	--	0.39	0.23 U	0.21 U	0.083 J	0.056 J	0.25 U	0.23 U	0.24 U	0.23 U	0.053 J	0.17 J	0.79 U	0.095 J	0.09 J	0.13 J	0.2 J	0.066 J
Benzo(k)fluoranthene	mg/kg	0.21	1.5	6.21	0.19 J	0.23 U	0.044 J	0.05 J	0.047 J	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.45 J	0.79 U	0.14 J	0.07 BBJ	0.094 J	0.15 J	0.25 U
Bis (2-ethylhexyl)phthalate	mg/kg	0.22 U	35	34.5	0.24 U	0.23 U	0.15 J	0.073 BJ	0.087 J	0.082 BBJ	0.23 U	0.24 U	0.23 U	0.12 BBJ	0.67 U	0.35 J	0.096 J	0.22 U	0.1 J	0.25 U	0.25 U
Chrysene	mg/kg	0.3	15	61.9	0.18 J	0.074 J	0.088 J	0.069 J	0.23 U	0.25 U	0.052 J	0.24 UJv	0.23 U	0.069 J	0.64 J	0.79 U	0.16 J	0.1 J	0.14 J	0.2 J	0.063 J
Dibenzo(a,h)anthracene	mg/kg	0.22 U	0.015	0.33	0.075 J	0.23 U	0.21 U	0.25 U	0.23 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.23 U	0.22 U	0.26 U	0.25 U	0.25 U
Di-n-butylphthalate	mg/kg	0.153	6100	--	0.051 J	0.23 U	0.07 J	0.054 J	0.078 J	0.092 J	0.059 J	0.059 LJ	0.054 J	0.05 J	0.67 U	0.79 U	0.074 J	0.051 J	0.26 U	0.25 U	0.25 U
Fluoranthene	mg/kg	0.66	2300	224	0.14 J	0.23 U	0.12 J	0.14 J	0.056 J	0.25 U	0.11 J	0.068 LJv	0.23 U	0.076 J	0.71 J	0.79 U	0.29	0.22 J	0.13 J	0.23 J	0.095 J
Indeno(1,2,3-cd)pyrene	mg/kg	0.153	0.15	0.621	0.26	0.081 J	0.075 J	0.07 J	0.23 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.19 J	0.79 U	0.083 J	0.051 J	0.26 U	0.14 J	0.25 U
2-Methylnaphthalene	mg/kg	0.22 U	230	22.2	0.24 U	0.23 U	0.21 U	0.25 U	0.23 U	0.25 U	0.39	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.23 U	0.22 U	0.26 U	0.25 U	0.25 U
Naphthalene	mg/kg	0.22 U	3.6	6.2	0.24 U	0.085 J	0.21 U	0.25 U	0.23 U	0.25 U	0.11 J	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.23 U	0.22 U	0.26 U	0.25 U	0.25 U
Phenanthrene	mg/kg	0.39	--	2110	0.24 U	0.057 J	0.057 J	0.066 J	0.23 U	0.25 U	0.12 J	0.049 LJ	0.047 J	0.25 U	0.67 U	0.79 U	0.31	0.13 J	0.053 J	0.075 J	0.053 J
Phenol	mg/kg	0.22 U	18000	1290	0.068 J	0.23 U	0.21 U	0.25 U	0.23 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.67 U	0.79 U	0.23 U	0.22 U	0.26 U	0.25 U	0.25 U
Pyrene	mg/kg	0.42	1700	229	0.12 J	0.23 U	0.1 J	0.11 J	0.048 J	0.061 J	0.089 J	0.24 UJv	0.23 U	0.094 J	0.84 J	0.79 U	0.26	0.14 J	0.16 J	0.27	0.093 J
Volatiles																					
2-Butanone	mg/kg	0.039	28000	591	0.012 U	0.014 U	0.011 U	0.014 U	0.011 U	0.021	0.012 U	0.063	0.0078 J	0.058	0.21	0.083	0.014 U	0.013	0.034	0.05	0.041
Acetone	mg/kg	0.0234	61000	174	0.012 U	0.014 U	0.011 U	0.014 U	0.011 U	0.076	0.012 U	0.067	0.012 U	0.06	0.4	0.17	0.014 U	0.0078 J	0.021	0.033	0.026
Methyl acetate	mg/kg	0.0058 U	78000	--	0.0061 U	0.0007 U	0.00054 U	0.00068 U	0.00057 U	0.008	0.00061 U	0.0079 U	0.0061 U	0.0079 U	0.022 U	0.019 U	0.0068 U	0.0058 U	0.008 U	0.010 U	0.0069 U
PCBs																					
Aroclor-1260	mg/kg	0.066	0.22	--	0.045 U	0.024 J	0.041 U	0.047 U	0.046 JP	0.049 U	0.046 U	0.048 U	0.05 U	0.05 U	0.13 U	0.15 U	0.044 U	0.022 PJ	0.037 J	0.054 JP	0.049 JP
Pesticides																					
4,4'-DDT	mg/kg	0.0043 U	1.7	1.71	0.0045 U	0.0046 U	0.0062	0.0048 U	0.0044 U	0.0049 U	0.0045 U	0.0048 U	0.005 U	0.005 U	0.013 U	0.016 U	0.0044 U	0.0043 U	0.005 U	0.0045 J	0.0048 U
gamma-Chlordane	mg/kg	0.0022 U	1.6	1.59	0.0023 U	0.0012 PJ	0.0022 U	0.0025 U	0.0022 U	0.0025 U	0.0023 U	0.0025 U	0.0026 U	0.0026 U	0.0057 U	0.008 U	0.0023 U	0.0022 U	0.0026 U	0.0025 U	0.0025 U
Endrin Ketone	mg/kg	0.0043 U	--	--	0.0045 U	0.0046 U	0.0042 U	0.0048 U	0.0044 U	0.0049 U	0.0045 U	0.0048 U	0.005 U	0.005 U	0.0069 J	0.016 U	0.0044 U	0.0043 U	0.005 U	0.0049 U	0.0048 U

- Concentration above RSL
- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs and RECAP
- Concentration above EPA RSLs and RECAP and 3x backgroun
- Concentration above RECAP

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Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	DSE-04 DSE-04-24-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-24-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-24-525 08/08/2012 FIELD DUPLICATE SAMPLE	DSE-06 DSE-06-24-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-07 DSE-07-24-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-08 DSE-08-24-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-10 DSE-10-24-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-11 DSE-11-24-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-13 DSE-13-24-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-24-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-16 DSE-16-24-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-20 DSE-20-24-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-21 DSE-21-12-515 08/09/2012 FIELD ORIGINAL SAMPLE
Metals																	
Aluminum	mg/kg	33000	--	--	15800	5960	5090	12600 E	15900	13400	4130	8340	18300	11600	14300	18100	
Antimony	mg/kg	2.1	31	3.13	2.3 LJ-	11.6 N	12.8 N	3.3 JN	2.9 JL-	2.6 LJ-	18 J-	2.3 JN	3.3 LJ-	0.69 JN	7 J-	1.7 LJ-	
Arsenic	mg/kg	16.8	0.39	11.5	27.6	23.6 *	37.4 *	16.4 N	54.7	19.3 J	62.5	17.5 N	27.7	6.4 N	36.1 J	10.3 J	
Barium	mg/kg	3420	15,000	548	4360	8740 *D	7410 *D	10100 ED	4520	8980 J	3570	5700 NED	10300	720 NE	13700 J	3830 J	
Beryllium	mg/kg	3.9	160	15.6	1	0.6	0.49 J	0.68	0.89	0.8	0.46 U	0.99	1.1	1.1	0.75	1.6	
Cadmium	mg/kg	0.93	70	3.9	0.59	5.1 N	8.5 N	1.6	0.3 JL	0.68	18.3	0.59	0.81	0.11 J	1	0.43 LJ	
Calcium	mg/kg	24900	--	--	9080	25400 E	22300 E	21600 *E	7090	5660 J	10600	6810 E	10200	13000 E	7180 J	5060 J	
Chromium	mg/kg	48.9	--	--	20.9	584	337	35	20.8	29.7	52.6	20.4 N	35.8	17.1 N	29.4	21.7	
Cobalt	mg/kg	22.5	23	469	13.8	4 JN*	4.9 JN*	8.9	11.8	15.9	7	10.6	13.2	13.7	11.1	14.7	
Copper	mg/kg	90	3100	313	25.9	81.9 E	97.6 E	159 *	25.9	32.6	109	24.8 N	30.6	23.3 N	46.1	23.2	
Iron	mg/kg	49200	55000	--	26000	19200 E	20200 E	22600 *E	20500	21000 J	32200	52200 ED	25700	20000 E	19600 J	27200 J	
Lead	mg/kg	106.8	400	400	74.5 J	761	1030	258 E	83 J	162	2170 J	85	96 J	30.4	189	54.3	
Magnesium	mg/kg	12570	--	--	5240	3210 E*	3500 E*	4490 E	5600	4320 J	2150	3400 E	5910	6540 E	5550 J	6030 J	
Manganese	mg/kg	405	1800	--	367	569 E*	866 E*	446 *E	309	341 J	671	1910 NE	531	578 NE	295 J	367 J	
Mercury	mg/kg	0.258	10	2.35	0.068 LJ	2	0.12 U	0.19	0.32	0.12 LJ	1.8	0.08 J	0.18	0.058 J	0.23	0.13	
Nickel	mg/kg	94.5	--	156	31.1	20.8 N*	20.4 N*	28.7	31.5	30.7	18.7	30.3	36.4	30.5	33.4	38	
Potassium	mg/kg	4110	--	--	2330	1300	1150	2000	2530	1980	641	1260	2740	1900	2250	2700	
Selenium	mg/kg	7.5	390	39.1	1.9	2.1 J	2.4 J	1.4 J	1.5 JL	1.7 U	2.5 LJ	4 N	1.8 LJ	2.7 JN	1.6 LJ	2.1 LJ	
Silver	mg/kg	1.1 U	390	39.1	0.34 LJ	3.8	5.9	0.93	0.26 JL	0.68 LJ	8.9	0.26 J	0.47 LJ	1.1 U	0.74 LJ	0.18 LJ	
Sodium	mg/kg	2118	--	--	917	472 J	2550	951	996	690	332 LJ	545	580	277 J	600	437 LJ	
Vanadium	mg/kg	88.8	390	54.7	37.9	17 E	16.3 E	29 E	37.2	30.5	17.9	25.2 N	42	29.9 N	32	41.4	
Zinc	mg/kg	243.6	23000	2350	137 J	875 E	1300 E	405 E	99.4 J	166 J	2810 J	214 N	174 J	74 N	226 J	113 J	
Semivolatiles																	
Acenaphthene	mg/kg	0.27 U	3400	374	0.23 U	1.2 U	5.9 U	0.21 U	0.24 U	0.22 U	2.5	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Acenaphthylene	mg/kg	0.27 U	--	347	0.23 U	1.2 U	6.6	0.088 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Acetophenone	mg/kg	0.27 U	7800	--	0.16 LJ	1	5.9 U	0.091 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.12 J	0.25 U	0.25 U	
Anthracene	mg/kg	0.27 U	17000	2190	0.23 U	0.87	7.2	0.15 LJ	0.12 LJ	0.22 U	0.35 LJ	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Benzo(a)anthracene	mg/kg	0.27 U	0.15	0.62	0.23 U	1.2 U	5.9 U	0.19 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Benzo(a)pyrene	mg/kg	0.27 U	0.015	0.33	0.23 U	1.2 U	5.9 U	0.26	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Benzo(b)fluoranthene	mg/kg	0.27 U	0.15	0.62	0.23 U	1.2 U	5.9 U	0.26	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Benzo(g,h,i)perylene	mg/kg	0.27 U	--	--	0.23 U	1.2 U	5.9 U	0.32	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Benzo(k)fluoranthene	mg/kg	0.27 U	1.5	6.21	0.23 U	1.2 U	5.9 U	0.2 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
1,1'-Bipenyl	mg/kg	0.27 U	51	34.5	0.23 U	1.2 U	20	0.21 U	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Bis (2-ethylhexyl)phthalate	mg/kg	0.27 U	35	61.9	0.23 U	1.2 U	3.1 BBJ	0.12 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.073 LJ	
Chrysene	mg/kg	0.27 U	15	0.33	0.23 U	1.2 U	5.9 U	0.23	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Dibenzo(a,h)anthracene	mg/kg	0.27 U	0.015	--	0.23 U	1.2 U	5.9 U	0.069 LJ	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Dibenzofuran	mg/kg	0.27 U	2300	29.3	0.23 U	1.2 U	18	0.21 U	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Di-n-butylphthalate	mg/kg	0.216	6100	--	0.33	1.2 U	5.9 U	0.21 U	0.11 LJ	0.060 LJ	1.0 U	0.06 J	0.24 U	0.055 J	0.075 LJ	0.066 LJ	
Fluoranthene	mg/kg	0.27 U	2300	224	0.069 LJ	1.2 U	5.9 U	0.37	0.062 LJ	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Fluorene	mg/kg	0.27 U	2300	277	0.23 U	1.5	45	0.21 U	0.24 U	0.22 U	1.6	0.25 U	0.24 U	0.24 U	0.25 U	0.25 UJv	
Indeno(1,2,3-cd)pyrene	mg/kg	0.27 U	0.15	0.621	0.23 U	1.2 U	5.9 U	0.25	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
2-Methylnaphthalene	mg/kg	0.27 U	230	22.2	0.23 U	6.2	400 D	0.21 U	0.24 U	0.22 U	0.89 LJ	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Naphthalene	mg/kg	0.27 U	3.6	6.2	0.23 U	2	5.9 U	0.21 U	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Phenanthrene	mg/kg	0.27 U	--	2110	0.05 LJ	0.31 J	58	0.28	0.24 U	0.22 U	3.5	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Phenol	mg/kg	0.27 U	18000	1290	0.23 U	0.36 J	5.9 U	0.21 U	0.24 U	0.22 U	1.0 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	
Pyrene	mg/kg	0.27 U	1700	229	0.052 LJ	0.34 J	5.9 U	0.38	0.24 U	0.22 U	0.21	0.25 U	0.24 U	0.24 U	0.048 LJ	0.25 U	
Volatiles																	
2-Butanone	mg/kg	0.0201	28000	591	0.012 U	1.0 U	0.91 U	0.011 U	0.012 U	0.011 UJv	0.021	0.016 U	0.035	0.013 U	0.013 U	0.014 U	
Acetone	mg/kg	0.016 U	61000	174	0.012 U	1.0 U	0.91 U	0.011 U	0.012 U	0.0099 LKv	0.1	0.016 U	0.014	0.013 U	0.013 U	0.014 U	
Ethylbenzene	mg/kg	0.0081 U	5.4	164	0.006 U	0.4 J	1.8	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
Methyl acetate	mg/kg	0.0081 U	78000	--	0.006 U	0.5 U	0.45 U	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
Methylcyclohexane	mg/kg	0.0081 U	--	--	0.006 U	0.54	2.1	0.0056 U	0.0062 U	0.0057 U	0.0091 J^	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
Toluene	mg/kg	0.0081 U	5000	67.6	0.006 U	0.34 J	0.77	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
m,p-Xylene	mg/kg	0.0081 U	630	17.9	0.006 U	1.6	9.7	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
o-Xylene	mg/kg	0.0081 U	690	17.9	0.006 U	1	3.9	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	
PCBs																	
Aroclor-1260	mg/kg	0.052 U	0.22	--	0.045 U	0.046 U	0.047 U	0.059	0.045 U	0.042 U	0.040 UJv	0.048 U	0.047 U	0.047 U	0.048 U	0.048 U	
Pesticides																	
4,4'-DDT	mg/kg	0.0051 U	1.7	1.71	0.0045 U	0.0047 U	0.047 U	0.004 LJ	0.0046 U	0.0042 U	0.004 U	0.0049 U	0.0047 U	0.0047 U	0.0036 LJ	0.0048 U	
gamma-Chlordane	mg/kg	0.0026 U	1.6	1.59	0.0023 U	0.0024 U	0.0018 PJ	0.0021 U	0.0024 U	0.0022 U	0.0021 U	0.0025 U	0.0024 U	0.0024 U	0.0025 U	0.0025 U	
Endrin Ketone	mg/kg	0.0051 U	--	--	0.0045 U	0.0047 U	0.047 U	0.0041 U	0.0046 U	0.0042 U	0.004 U	0.0049 U	0.0047 U	0.0047 U	0.0048 U	0.0048 U	

- Concentration above RSL
- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs and RECAP
- Concentration above EPA RSLs and RECAP and 3x background

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	DSE-04 DSE-04-48-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-48-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-06 DSE-06-48-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-07 DSE-07-48-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-08 DSE-08-48-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-10 DSE-10-48-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-11 DSE-11-48-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-13 DSE-13-48-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-48-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-48-525 08/09/2012 FIELD DUPLICATE SAMPLE	DSE-16 DSE-16-24-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-20 DSE-20-48-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-21 DSE-21-12-515 08/09/2012 FIELD ORIGINAL SAMPLE
Metals																	
Aluminum	mg/kg	28440	--	--	18900	4850	7920	14000	18100	9290	9550	15500	7990	7840	15500	13500	
Antimony	mg/kg	1.62	31	3.13	2.1 LJ-	12.4 J-	4.2 LJ-	1.3 LJ-	2.3 LJ-	9 J-	0.65 JN	7.1 J-	1.4 JN	1.1 JN	6.6 LJ-	1 LJ-	
Arsenic	mg/kg	15	0.39	11.5	26.4	35.6	20.9 J	11	9.6 J	45.1	7.7 N	63.9	8.5 N	10.2 N	27.6 J	8.1	
Barium	mg/kg	801	15,000	548	3300	7140	8660 J	1950	11600 J	7070	852 NE	12400	6260 NED	3390 NED	9530 J	3500	
Beryllium	mg/kg	3.3	160	15.6	1.3	0.47 LJ	0.54	0.89	0.94	0.62 J+	1	1	0.79	0.78	1.1	1.1	
Cadmium	mg/kg	1.05	70	3.9	0.15 LJ	8.4 J+	1.6	0.22 LJ	0.16 LJ	2.4	0.65	0.83	0.74	0.48 J	0.73	0.58 U	
Calcium	mg/kg	23310	--	--	9290	21100	88800 J	9900	6400 J	6880	7420 E	7560	4320 E	4490 E	7610 J	5450	
Chromium	mg/kg	41.1	--	--	20.8	330	39.9	16.4	50.9	23.6	15.1 N	36	22.6 N	15.4 N	23.6	20.1	
Cobalt	mg/kg	28.8	23	469	11.3	4.9 U	7.6	9.8	7.8	9.9	7.7	13.5	3.6 J	6.7	12.4	8 J	
Copper	mg/kg	78	3100	313	24	95.6	76.8	20.9	31.6	41.7	22.5 N	41.7	33 N	24.2 N	36	23.9	
Iron	mg/kg	39000	55000	--	24600	19900	18400 J	18100	25200 J	19300	18500 E	24300	13900 E	17300 E	23400 J	17100	
Lead	mg/kg	78.3	400	400	42.3 J	989	231	31.5 J	86.1	451 J	26.6	184 J	124	58.8	162	34.5	
Magnesium	mg/kg	14100	--	--	6510	3350	3030 J	6020	4570 J	4130	4410 E	5750	4250 E	4040 E	5790 J	4880	
Manganese	mg/kg	519	1800	--	296	851	840 J	330	125 J	365	176 NE	473	142 NE	257 NE	343 J	193	
Mercury	mg/kg	0.186	10	2.35	0.054 LJ	1.8	0.29	0.12 LJ	0.13 LJ	0.49	0.066 J	0.25	0.24	0.078 J	0.19	0.054 LJ	
Nickel	mg/kg	92.4	--	156	29.9	19.6 J	22.3	27.1	25.9	23.8	23.2	32.7	32	29.2	32.9	31.8 J	
Potassium	mg/kg	4680	--	--	3490	1070	1440	2470	2680	1530	1550	2400	1370	1340	2510	2020	
Selenium	mg/kg	6.9	390	39.1	2.1 LJ	2.4 LJ	0.66 LJ	1.3 LJ	2 LJ	1.2 LJ	2.7 JN	1.7 LJ	2.2 JN	2.6 JN	1.6 LJ	2.8 LJ	
Silver	mg/kg	0.84 U	390	39.1	0.27 LJ	5.7	0.82 LJ	0.21 LJ	0.34 LJ	1.2	1.3 U	0.8 LJ	0.48 J	1 U	0.51 LJ	1.2 U	
Sodium	mg/kg	2766	--	--	1170	2420	1500	936	1110	636	913	579	413 J	437 J	730	586	
Vanadium	mg/kg	84.6	390	54.7	42.2	15.4	18.9	31.5	41.9	23.2	30 N	35.3	22.4 N	22.7 N	35.3	33.4	
Zinc	mg/kg	226.5	23000	2350	88.1 J	1290	421 J	85.6 J	91.9 J	402 J	68.8 N	196 J	147 N	99.3 N	158 J	78.2	
Semivolatiles																	
Acenaphthene	mg/kg	0.33 U	3400	374	0.27 U	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Acenaphthylene	mg/kg	0.33 U	--	347	0.27 U	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Acetophenone	mg/kg	0.33 U	7800	--	0.25 LJ	5.6 U	1.8 LJ	0.11 LJ	0.27 U	0.24 U	0.14 LJ	0.060 LJ	0.25 U	0.22 U	0.071 LJ	0.19 J	
Anthracene	mg/kg	0.33 U	17000	2190	0.27 U	32	27	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Benzo(a)anthracene	mg/kg	0.33 U	0.15	0.62	0.27 U	5.6 U	2.8 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Benzo(a)pyrene	mg/kg	0.33 U	0.015	0.33	0.27 U	5.6 U	1.9 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Benzo(b)fluoranthene	mg/kg	0.33 U	0.15	0.62	0.27 U	5.6 U	2 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Benzo(g,h,i)perylene	mg/kg	0.33 U	--	--	0.27 U	5.6 U	1.2 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Benzo(k)fluoranthene	mg/kg	0.33 U	1.5	6.21	0.27 U	5.6 U	1.6 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
1,1'-Bipenyl	mg/kg	0.33 U	51	34.5	0.27 U	23 DJ	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Bis (2-ethylhexyl)phthalate	mg/kg	0.33 U	35	61.9	0.27 U	2.5 BBJ	1.4 LJ	0.28 U	0.092 LJ	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.11 BBJ	
Chrysene	mg/kg	0.33 U	15	0.33	0.27 U	5.6 U	4 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Dibenzo(a,h)anthracene	mg/kg	0.33 U	0.015	--	0.27 U	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Dibenzofuran	mg/kg	0.33 U	2300	29.3	0.27 U	16 DJ	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Di-n-butylphthalate	mg/kg	0.33 U	6100	--	0.059 LJ	5.6 U	5.8 U	0.069 LJv	0.081 LJ	0.24 U	0.30 U	0.062 LJ	0.065 J	0.22 U	0.079 LJ	0.063 J	
Fluoranthene	mg/kg	0.33 U	2300	224	0.27 U	5.6 U	9	0.081 LJ	0.27 U	0.057 LJ	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Fluorene	mg/kg	0.33 U	2300	277	0.27 U	34	4.3 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33 U	0.15	0.621	0.27 U	5.6 U	1.2 LJ	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
2-Methylnaphthalene	mg/kg	0.33 U	230	22.2	0.27 U	290 D	24	0.28 U	0.27 U	0.72	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Naphthalene	mg/kg	0.33 U	3.6	6.2	0.27 U	100 D	7.4	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Phenanthrene	mg/kg	0.33 U	--	2110	0.27 U	44 D	15	0.28 U	0.27 U	0.43	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Phenol	mg/kg	0.33 U	18000	1290	0.27 U	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Pyrene	mg/kg	0.33 U	1700	229	0.27 U	4 J	6.3	0.28 U	0.27 U	0.054 LJ	0.30 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	
Volatiles																	
2-Butanone	mg/kg	0.0288	28000	591	0.015 U	6.9 U	0.012 U	0.029	0.18	0.0048 LJ	0.019 LJ	0.021 U	0.012 U	0.011 U	0.017 U	0.021 U	
Acetone	mg/kg	0.019 U	61000	174	0.015 U	6.9 U	0.084	0.16	0.7	0.022	0.072	0.064	0.012 U	0.011 U	0.07	0.021 U	
Benzene	mg/kg	0.0093 U	1.1	1.49	0.0073 U	1.8 J	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Cyclohexane	mg/kg	0.0093 U	7000	--	0.0073 U	2 J	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Ethylbenzene	mg/kg	0.0093 U	5.4	164	0.0073 U	12	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Isopropylbenzene	mg/kg	0.0093 U	--	--	0.0073 U	4.8	0.025	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Methyl acetate	mg/kg	0.0093 U	78000	--	0.0073 U	3.5 U	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Methylcyclohexane	mg/kg	0.0093 U	--	--	0.0073 U	10	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
Toluene	mg/kg	0.0093 U	5000	67.6	0.0073 U	7.8	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
m,p-Xylene	mg/kg	0.0093 U	630	17.9	0.0073 U	64	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
o-Xylene	mg/kg	0.0093 U	690	17.9	0.0073 U	27	0.0025 LJ	0.0073 U	0.0096 U	0.0062 U	0.0092 U	0.010 U	0.0062 U	0.0054 U	0.0083 U	0.010 U	
PCBs																	
Aroclor-1260	mg/kg	0.064 U	0.22	--	0.053 U	0.048 U	0.087	0.054 U	0.051 U	0.046 U	0.058 U	0.050 U	0.048 U	0.042 U	0.055 U	0.061 U	
Pesticides																	
4,4'-DDT	mg/kg	0.0064 U	1.7	1.71	0.0052 U	0.0047 U	0.0038 LJ	0.0054 U	0.0052 U	0.0046 U	0.0058 U	0.0049 U	0.0048 U	0.0042 U	0.0054 U	0.0061 U	
gamma-Chlordane	mg/kg	0.0033 U	1.6	1.59	0.0027 U	0.0034 P	0.002 LJ	0.0028 U	0.0027 U	0.0024 U	0.003 U	0.0025 U	0.0025 U	0.0022 U	0.0028 U	0.0032 U	
Endrin Ketone	mg/kg	0.0064 U	--	--	0.0052 U	0.0047 U	0.0042 U	0.0054 U	0.0052 U	0.0046 U	0.0058 U	0.0049 U	0.0048 U	0.0042 U	0.0054 U	0.0061 U	

- Concentration above RSL
- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs and RECAP
- Concentration above EPA RSLs and RECAP and 3x background

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	DSE-04 DSE-04-72-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-72-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-06 DSE-06-72-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-07 DSE-07-72-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-08 DSE-08-72-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-10 DSE-10-72-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-11 DSE-11-72-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-13 DSE-13-72-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-72-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-16 DSE-16-72-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-20 DSE-20-72-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-21 DSE-21-12-515 08/09/2012 FIELD ORIGINAL SAMPLE
Metals																
Aluminum	mg/kg	26130	--	--	19200	6410	12200	22900	17200	7760	8580	22900	8830	20900	20300	
Antimony	mg/kg	2.25	31	3.13	1.9 JL-	11.4 J-	4.1 LJ-	2.4 LJ-	2.7 LJ-	11.9 J-	0.73 JN	2.5 LJ-	0.88 JN	1.6 LJ-	2	
Arsenic	mg/kg	17.1	0.39	11.5	12.4	30.9	20.1 J	11.1	14.8 J	46.9	7.3 N	8.1 J	7.1 N	9.5 J	16.9	
Barium	mg/kg	1584	15,000	548	2970	7000	11000 J	301	7030 J	7020	1470 NE	426 J	2790 NED	2520 J	2190	
Beryllium	mg/kg	3	160	15.6	1.3	0.58	0.83	1.4	1	0.62 J+	0.98	1.1	0.74	1.3	1.4	
Cadmium	mg/kg	0.63	70	3.9	0.31 LJ	6.8 J+	1.9	0.11 LJ	0.55 LJ	4.5	0.2 J	1	0.45 J	0.22 LJ	0.89	
Calcium	mg/kg	22380	--	--	14700	L	13900 J	10800	7770 J	7390	6520 E	13000 J	4720 E	9480 J	10500	
Chromium	mg/kg	37.5	--	--	22.8	393	65.3	22.8	28.8	24.3	13.5 N	22.3	17.9 N	21.5	22.6	
Cobalt	mg/kg	24.6	23	469	12.6	5.6 J	10.9	20.9	10.4	8.9	6.7	22.4	8.3	11.7	22.2	
Copper	mg/kg	77.1	3100	313	26	79.6	115	23.3	33.2	54.7	22.8 N	16	22 N	27.5	32	
Iron	mg/kg	63600	55000	--	23100	21500	25200 J	65700	27800 J	21200	15500 E	80800 J	17000 E	25100 J	39400	
Lead	mg/kg	91.2	400	400	52.6 J	931	280	32.4 J	88.9	741 J	29.8	41.7	50.3	40.5	46.7	
Magnesium	mg/kg	11760	--	--	6160	3630	4270 J	7520	5260 J	3590	4000 E	7090 J	4160 E	7300 J	6760	
Manganese	mg/kg	2523	1800	--	343	703	521 J	4530	282 J	479	293 NE	2430 J	387 NE	377 J	322	
Mercury	mg/kg	0.096	10	2.35	0.061 LJ	1.6	0.38	0.04 LJ	0.1 LJ	1.4	0.044 J	0.038 LJ	0.16	0.068 LJ	0.024	
Nickel	mg/kg	67.2	--	156	30	22.4 J	31.5	39	33.8	21.3	22.8	37.7	25.9	31.2	63.8	
Potassium	mg/kg	3630	--	--	2530	1360	2000	3130	2640	1260	1380	3140	1490	3340	3310	
Selenium	mg/kg	8.1	390	39.1	2 LJ	2.6 LJ	2 LJ	3.4 LJ	2.2 LJ	1.6 LJ	2.3 JN	3.3 LJ	2.4 JN	2.6 LJ	2.4	
Silver	mg/kg	0.86 U	390	39.1	0.19	4.9	1 LJ	1 LJ	0.39 LJ	2.8	1.3	0.79 LJ	0.15 J	0.22 LJ	0.2	
Sodium	mg/kg	3060	--	--	1300	2280	1570	1330	1490	581	1120	1400	708	1450	851	
Vanadium	mg/kg	81	390	54.7	41.8	18.1	29.6	53.9	40.9	21	26.3 N	48.8	23.9 N	46.2	48.6	
Zinc	mg/kg	199.5	23000	2350	109 J	1070	511 J	104 J	200 J	684 J	76.1 N	95.5 J	107 N	134 J	118	
Semivolatiles																
Acenaphthene	mg/kg	0.39 U	3400	374	0.27 U	11 DJ	0.97	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Acenaphthylene	mg/kg	0.39 U	--	347	0.27 U	5.4 U	0.35 U	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Acetophenone	mg/kg	0.39 U	7800	--	0.011 LJ	5.4 U	0.79	0.27 U	0.29 U	0.23 U	0.34 U	0.17 LJ	0.24 U	0.32 U	0.40 U	
Anthracene	mg/kg	0.39 U	17000	2190	0.27 U	5.4 U	1.5	0.27 U	0.25 LJ	0.2 LJ	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Benzo(a)anthracene	mg/kg	0.39 U	0.15	0.62	0.27 U	5.4 U	0.34 LJ	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Benzo(a)pyrene	mg/kg	0.39 U	0.015	0.33	0.27 U	5.4 U	0.33LJv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Benzo(b)fluoranthene	mg/kg	0.39 U	0.15	0.62	0.27 U	5.4 U	0.39 Jv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Benzo(g,h,i)perylene	mg/kg	0.39 U	--	--	0.27 U	5.4 U	0.46 Jv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Benzo(k)fluoranthene	mg/kg	0.39 U	1.5	6.21	0.27 U	5.4 U	0.3 LJv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
1,1'-Bipenyl	mg/kg	0.39 U	51	34.5	0.27 U	11	0.55Jv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Bis (2-ethylhexyl)phthalate	mg/kg	0.39 U	35	61.9	0.27 U	1.9 BBJ	0.19 LJv	0.27 U	0.14 LJ	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.12 LJv	
Chrysene	mg/kg	0.39 U	15	0.33	0.27 U	5.4 U	0.61	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Dibenzo(a,h)anthracene	mg/kg	0.39 U	0.015	--	0.27 U	5.4 U	0.11 LJv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Dibenzofuran	mg/kg	0.39 U	2300	29.3	0.27 U	9.4	0.6	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Di-n-butylphthalate	mg/kg	0.39 U	6100	--	0.27 U	5.4 U	0.35 U	0.27 U	0.29 U	0.23 U	0.097 J	0.074 LJ	0.048 J	0.32 U	0.095 LJv	
Fluoranthene	mg/kg	0.39 U	2300	224	0.27 U	5.4 U	0.62	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Fluorene	mg/kg	0.39 U	2300	277	0.27 U	22	1.3	0.27 U	0.11 LJ	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Indeno(1,2,3-cd)pyrene	mg/kg	0.39 U	0.15	0.621	0.27 U	5.4 U	0.26 LJv	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
2-Methylnaphthalene	mg/kg	0.39 U	230	22.2	0.27 U	200	41	0.27 U	0.062 LJ	3.1	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Naphthalene	mg/kg	0.39 U	3.6	6.2	0.27 U	76	11	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Phenanthrene	mg/kg	0.39 U	--	2110	0.27 U	24	3.9	0.27 U	0.25 LJ	2	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Phenol	mg/kg	0.39 U	18000	1290	0.27 U	5.4 U	0.35 U	0.27 U	0.29 U	0.23 U	0.34 U	0.084 LJ	0.24 U	0.32 U	0.40 U	
Pyrene	mg/kg	0.39 U	1700	229	0.27 U	2.5 J	0.96	0.27 U	0.29 U	0.23 U	0.34 U	0.28 U	0.24 U	0.32 U	0.40 U	
Volatiles																
2-Butanone	mg/kg	0.108	28000	591	0.026	3.8 U	0.024 U	0.025	0.029	0.019	0.016 J	0.015 U	0.012 U	0.022 U	0.039	
Acetone	mg/kg	0.36	61000	174	0.11	3.8 U	0.12	0.19	0.096	0.026	0.081	0.031	0.012 U	0.022 U	0.032 U	
Benzene	mg/kg	0.014 U	1.1	1.49	0.0064 U	1.1 J	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Cyclohexane	mg/kg	0.014 U	7000	--	0.0064 U	1.1 J	0.012 U	0.0068 U	0.0098 U	0.0027 LJ	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Ethylbenzene	mg/kg	0.014 U	5.4	164	0.0064 U	1.9 U	0.0049 LJ	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Isopropylbenzene	mg/kg	0.014 U	--	--	0.0064 U	2.8	0.0081 LJ	0.0068 U	0.0098 U	0.0059 LJ	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Methyl acetate	mg/kg	0.014 U	78000	--	0.0064 U	2	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Methylcyclohexane	mg/kg	0.014 U	--	--	0.0064 U	6.2	0.0062 LJ	0.0068 U	0.0098 U	0.016 J^	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
Toluene	mg/kg	0.014 U	5000	67.6	0.0064 U	7.2	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
m,p-Xylene	mg/kg	0.014 U	630	17.9	0.0064 U	38	0.0063 LJ	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
o-Xylene	mg/kg	0.014 U	690	17.9	0.0064 U	17	0.0098 LJ	0.0068 U	0.0098 U	0.0063 U	0.012 U	0.0076 U	0.0062 U	0.011 U	0.016 U	
PCBs																
Aroclor-1260	mg/kg	0.077 U	0.22	--	0.051 U	0.049 U	0.075 J	0.052 U	0.054 U	0.045 U	0.067 U	0.054 U	0.047 U	0.061 U	0.078 U	
Pesticides																
4,4'-DDT	mg/kg	0.0077 U	1.7	1.71	0.0051 U	0.0049 U	0.0067 U	0.0052 U	0.0055 U	0.0045 U	0.0067 U	0.0053U	0.0047 U	0.0062 U	0.0077 U	
gamma-Chlordane	mg/kg	0.0039 U	1.6	1.59	0.0026 U	0.0025 U	0.0034 U	0.0027 U	0.0029 U	0.0023 U	0.0035 U	0.0027 U	0.0024 U	0.0032 U	0.004 U	
Endrin Ketone	mg/kg	0.0077 U	--	--	0.0051 U	0.0049 U	0.0067 U	0.0052 U	0.0055 U	0.0045 U	0.0067 U	0.0053 U	0.0047 U	0.0062 U	0.0077 U	

- Concentration above RSL
- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs and RECAP
- Concentration above EPA RSLs and RECAP and 3x background

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Residential Soil	LA RECAP Residential Soil	DSE-04 DSE-04-96-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-05 DSE-05-96-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-06 DSE-06-96-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-07 DSE-07-96-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-08 DSE-08-96-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-10 DSE-10-96-515 08/06/2012 FIELD ORIGINAL SAMPLE	DSE-11 DSE-11-96-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-13 DSE-13-96-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-14 DSE-14-96-515 08/09/2012 FIELD ORIGINAL SAMPLE	DSE-16 DSE-16-96-515 08/07/2012 FIELD ORIGINAL SAMPLE	DSE-20 DSE-20-96-515 08/08/2012 FIELD ORIGINAL SAMPLE	DSE-21 DSE-21-12-515 08/09/2012 FIELD ORIGINAL SAMPLE
Metals																
Aluminum	mg/kg	30900	--	--	27300	12700	22200	23000	23800	6520	7700	18900	8910	20900	14600	
Antimony	mg/kg	2.28	31	3.13	1.5 LJ-	1.1 LJ-	1.5 LJ-	1.7 LJ-	1.4 LJ-	7.1	0.66 JN	1.5 JL-	0.47 JN	1.3 LJ-	0.65 LJ-	
Arsenic	mg/kg	22.8	0.39	11.5	8.4	9.2	5.9 J	6	9.6 J	26	6.3 N	6.9	8.7 N	7.5 J	5.5	
Barium	mg/kg	702	15,000	548	385	4330	428 J	314	326 J	7130	166 NE	204	169 NE	306 J	302	
Beryllium	mg/kg	3.6	160	15.6	1.7	1.1	1.2	1.6	1.4	0.54	0.87	0.99	0.98	1.2	1.2	
Cadmium	mg/kg	0.57	70	3.9	0.14 LJ	0.24 LJ+	0.23 LJ	0.05 LJ	0.37 LJ	4.9	0.05 J	0.6 U	0.07 J	0.26 LJ	0.7 U	
Calcium	mg/kg	20940	--	--	7560	7140	6440 J	6770	6910 J	9030	6580 E	6250	5530 E	9150 J	6210	
Chromium	mg/kg	42	--	--	28	24.5	19.9	23.2	26.3	17	10.8 N	18.1	13.2 N	19.4	19.7	
Cobalt	mg/kg	38.7	23	469	20.5	8 J	11.5	16.9	9.2	6.6	9	12.8	7.7	10.2	10.3 J	
Copper	mg/kg	84	3100	313	36.4	22.9	24.1	25.2	28.8	43.3	19.3 N	17.6	23.6 N	30.4	25.1	
Iron	mg/kg	59700	55000	--	34200	18500	24400 J	29800	21000	18800	16500 E	29700	15600 E	20200 J	20200	
Lead	mg/kg	76.2	400	400	32.5 J	52.3	27.3	26.8 J	30.7	799	20.1	22.1 J	19.6	26.8	25.1	
Magnesium	mg/kg	15630	--	--	9110	5180	6460 J	7550	6770	3720	4210 E	6630	4430 E	7520 J	6120	
Manganese	mg/kg	687	1800	--	260	304	232 J	366	218	468	203 NE	597	166 NE	215 J	230	
Mercury	mg/kg	0.168	10	2.35	0.028 LJ	0.083 LJ	0.049 LJ	0.04 LJ	0.042	0.86	0.048 J	0.03 LJ	0.031 J	0.035 LJ	0.036 LJ	
Nickel	mg/kg	113.1	--	156	46.6	27 J	31.1	37.7	36.9	16.7	26.3	32	23.8	37.7	32 J	
Potassium	mg/kg	4530	--	--	3840	2130	3070	3530	3560	1090	1110	3100	1700	3080	2460	
Selenium	mg/kg	9.3	390	39.1	2.7 LJ	2.6 LJ	2.6 LJ	3.1 LJ	1.8	1.4	2.6 JN	2.6 LJ	2.7 JN	2.3 LJ	2.9 LJ	
Silver	mg/kg	0.92 U	390	39.1	0.25 LJ	0.22 LJ	1.2 U	0.23 LJ	0.95 U	3	0.81 U	0.3 LJ	1.4 U	0.16 LJ	1.4 U	
Sodium	mg/kg	4920	--	--	1820	4820	2560	1740	2270	593	1940	1450	1290	3310	1170	
Vanadium	mg/kg	95.1	390	54.7	54.2	30.6	46.8	58	43.9	19.6	25.6 N	42.8	29.8 N	50.3	36.2	
Zinc	mg/kg	207	23000	2350	114 J	97.1	82.5 J	99.8 J	108	734	52.7 N	82 J	57.7 N	83.6 J	84.1	
Semivolatiles																
Acenaphthene	mg/kg	0.32 U	3400	374	0.31 U	0.30 U	0.21 LJ	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Acenaphthylene	mg/kg	0.32 U	--	347	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Acetophenone	mg/kg	0.32 U	7800	--	0.17 LJ	0.30 U	0.28 U	0.11 LJ	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.18 LJ	0.31 U	
Anthracene	mg/kg	0.32 U	17000	2190	0.31 U	0.082 J	0.065 LJ	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Benzo(a)anthracene	mg/kg	0.32 U	0.15	0.62	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Benzo(a)pyrene	mg/kg	0.32 U	0.015	0.33	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Benzo(b)fluoranthene	mg/kg	0.32 U	0.15	0.62	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Benzo(g,h,i)perylene	mg/kg	0.32 U	--	--	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Benzo(k)fluoranthene	mg/kg	0.32 U	1.5	6.21	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
1,1'-Bipenyl	mg/kg	0.32 U	51	34.5	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Bis (2-ethylhexyl)phthalate	mg/kg	0.32 U	35	61.9	0.31 U	0.092 BBJ	0.28 U	0.37 U	0.13 LJv	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Chrysene	mg/kg	0.32 U	15	0.33	0.31 U	0.30 U	0.078 LJ	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Dibenzo(a,h)anthracene	mg/kg	0.32 U	0.015	--	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Dibenzofuran	mg/kg	0.32 U	2300	29.3	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Di-n-butylphthalate	mg/kg	0.32 U	6100	--	0.31 U	0.072 J	0.087 LJ	0.09 LJv	0.11 LJv	0.095 LJ	0.069 J	0.28 U	0.06 J	0.14 LJ	0.064 LJ	
Fluoranthene	mg/kg	0.32 U	2300	224	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Fluorene	mg/kg	0.32 U	2300	277	0.31 U	0.2 J	0.21 LJ	0.37 U	0.11Jv	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Indeno(1,2,3-cd)pyrene	mg/kg	0.32 U	0.15	0.621	0.31 U	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
2-Methylnaphthalene	mg/kg	0.32 U	230	22.2	0.31 U	1.3	0.6	0.37 U	0.35 U	0.42	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Naphthalene	mg/kg	0.32 U	3.6	6.2	0.31 U	0.15 J	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Phenanthrene	mg/kg	0.32 U	--	2110	0.31 U	0.46	0.5	0.37 U	0.29 LJ	0.23 LJ	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Phenol	mg/kg	0.32 U	18000	1290	0.077 LJ	0.30 U	0.28 U	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Pyrene	mg/kg	0.32 U	1700	229	0.31 U	0.077 J	0.071 LJ	0.37 U	0.35 U	0.26 U	0.31 U	0.28 U	0.29 U	0.49 U	0.31 U	
Volatiles																
2-Butanone	mg/kg	0.033	28000	591	0.02	0.049	0.017 U	0.057	0.076	0.013 LJ	0.054	0.014 LJ	0.027	0.042 U	0.028	
Acetone	mg/kg	0.453	61000	174	0.12	0.27	0.1	0.27	0.55	0.058	0.19	0.066	0.095	0.3	0.023 U	
Benzene	mg/kg	0.0091 U	1.1	1.49	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Cyclohexane	mg/kg	0.0091 U	7000	--	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Ethylbenzene	mg/kg	0.0091 U	5.4	164	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Isopropylbenzene	mg/kg	0.0091 U	--	--	0.0084 U	0.012 U	0.0036 LJ	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Methyl acetate	mg/kg	0.0091 U	78000	--	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Methylcyclohexane	mg/kg	0.0091 U	--	--	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
Toluene	mg/kg	0.0091 U	5000	67.6	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
m,p-Xylene	mg/kg	0.0091 U	630	17.9	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
o-Xylene	mg/kg	0.0091 U	690	17.9	0.0084 U	0.012 U	0.0083 U	0.0098 U	0.012 U	0.0066 U	0.011 U	0.0095 U	0.0089 U	0.021 U	0.011 U	
PCBs																
Aroclor-1260	mg/kg	0.062 U	0.22	--	0.062 U	0.059 U	0.053 U	0.071 U	0.068 U	0.049 U	0.06 U	0.054 U	0.056 U	0.094 U	0.06 U	
Pesticides																
4,4'-DDT	mg/kg	0.0061 U	1.7	1.71	0.0062 U	0.0059 U	0.0053 U	0.0071 U	0.0068 U	0.0049 U	0.0061 U	0.0054 U	0.0056 U	0.0095 U	0.0059 U	
gamma-Chlordane	mg/kg	0.0032 U	1.6	1.59	0.0032 U	0.003 U	0.0027 U	0.0037 U	0.0035 U	0.0025 U	0.0031 U	0.0028 U	0.0029 U	0.0049	0.003 U	
Endrin Ketone	mg/kg	0.0061 U	--	--	0.0062 U	0.0059 U	0.0053 U	0.0071 U	0.0068 U	0.0049 U	0.0061 U	0.0054 U	0.0056 U	0.0095 U	0.0059 U	

- Concentration above RSL
- Concentration 3x above background
- Concentrtion above EPA RSL and 3x background
- Concentration above RECAP and 3x background
- Concentration above EPA RSLs and RECAP
- Concentration above EPA RSLs and RECAP and 3x background
- Concentration above RECAP