

## Appendix I: Tabulated Soil Results

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## Soil Contamination Results for Zone 7

SGV Commercial / Industrial	ICRCL threshold levels for phytotoxic compounds	Others	Method Code	Sample Identity and depth	Unit	0.0m - 0.5m						0.5m - 1.5m			>1.5m			Statistical data				SGV Commercial / Industrial	ICRCL threshold levels for phytotoxic compounds	Others		
						TP406 0.15	TP402 0.2	TP405 0.2	TP408 0.2	TP410 0.2	TP403 0.5	TP404 0.5	TP409 0.5	TP402 0.6	TP406 1.0	TP407 1.1	BH401 2.0	BH401 3.5	BH402 4.0	Min	Max				Mean	US95 mean
						0.15 Others	0.2 Others	0.2 Others	0.2 Others	0.2 Others	0.5 Others	0.5 Others	0.5 Others	0.6 Others	1 Others	1.1 Others	2 Others	3.5 Others	4 Others							
						CL/0509332	CL/0509327	CL/0509331	CL/0509335	CL/0511238	CL/0509329	CL/0509330	CL/0509336	CL/0509328	CL/0509333	CL/0509334	CL/0509318	CL/0509319	CL/0509345							
500	130	31	ICPMSS	Antimony	mg/kg	20	0.9	27.8	1.1	7.4	3.2	0.9	0.4	5.4	0.6	0.9	1.2	1.7	0.4	0.4	27.8	5.1	-	500	130	31
1400		ICPMSS	Arsenic	mg/kg	6090	91.7	7230	182.6	1440	1310	88.7	45.5	515.3	105.9	160.6	160	273.7	36.8	36.8	7230	1266.5	2374	1400	2.82		
5000		ICPMSS	Cadmium	mg/kg	6.73	0.21	6.37	0.42	2.26	2.82	0.61	0.26	1.93	0.34	1.7	0.51	0.61	0.1	0.1	6.37	1.8	2.82	5000	31.61		
750		ICPMSS	Chromium	mg/kg	30	5.7	25.9	14.4	30.5	24.7	25.3	7.6	31	29.6	26.2	49	48	2.4	2.4	49	25.0	31.61	750	-		
480		ICPMSS	Copper	mg/kg	2850	85.4	2700	210	1500	876.3	52.7	79.3	795.2	69.1	158.9	486.8	626.3	26.9	26.9	2700	751.2	-	480	-		
5000		ICPMSS	Lead	mg/kg	1440	66.7	8600	208.8	617.3	475.5	100.4	34.4	556	51.8	77	104.6	247.1	12.3	12.3	8600	899.4	1964	5000	750		
8000		ICPMSS	Mercury	mg/kg	0.75	0.1	0.1	0.14	0.4	0.67	0.1	0.1	3.9	0.1	0.4	0.1	0.1	0.1	0.1	3.9	0.5	0.98	8000	480		
21900		ICPMSS	Nickel	mg/kg	46.3	6.3	57	15.4	33.3	22.2	19	7.8	29.8	33.7	27	44.4	29.5	6.7	6.3	57	27.0	34.34	21900	70		
900		ICPMSS	Selenium	mg/kg	2.3	0.95	2.04	0.69	1.65	1.2	0.71	0.71	0.92	0.5	0.53	0.58	0.58	0.7	0.5	2.04	1.0	1.28	900	-		
9.5		ICPMSS	Tin	mg/kg	400.3	17.9	370.3	17	286.5	329.1	552.1	102.1	231.8	43	1170	337.9	602.8	23.1	17	1170	320.3	-	9.5	900		
1		ICPMSS	Zinc	mg/kg	3950	158	3690	248.8	1420	1510	190.6	127.3	1210	153.1	887.6	725.2	855.7	66.7	66.7	3690	1085.2	-	1	300		
3.0		ICTSCN28	Sulphide	mg/kg	5	5	116	5	5	5	5	5	5	5	5	5	5	5	5	5	116	12.9	-	3.0		-
900.00		WSLM3	pH units	mg/kg	8.4	9.2	8.6	9	8	8.8	9.7	9.3	8.6	8.9	8.5	9.7	9.5	9.2	8	9.7	9.0	-	-	-		900.00
150	WSLM4	Phenol Index	mg/kg	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	17.7	0.5	0.5	0.5	0.5	0.5	0.5	17.7	1.7	-	-	-	150	-	
48000	TMSS	Total moisture @105 C	%	8.6	6.7	7.9	9.4	25.9	8.6	17.1	8.4	25.4	12.2	16.4	12.4	8.2	22.3	6.7	25.4	13.4	-	-	-	48000	-	
1.1	DW35	Moisture @35 C	%	5.3	6.5	14.8	7.3	20.2	8.3	3.5	8.4	20.9	9.5	14.9	5.4	4.9	21.2	3.5	21.2	10.8	-	-	-	1.1	-	
900.00	ICPMAJ	Beryllium	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	900.00	1	
900.00	KONECL	Chloride	mg/kg	216	12	34	20	35	22	60	9	31	12.4	12.2	104	337	4910	9	4910	415.3	-	-	-	900.00	-	
900.00	SSL	Organic Matter %	%	2.8	0.8	1.2	1.3	9	1.6	1.1	0.6	4.9	0.6	1.1	1.1	0.9	0.4	0.4	9	2.0	-	-	-	900.00	-	
900.00	SSP3	Stone content %	%	6.1	0.1	9.3	14.5	3	2.8	25.4	0.1	0.1	6.4	0.1	0.1	0.1	0.1	0.1	25.4	4.9	-	-	-	900.00	-	
900.00	WSLM59	F.O.C. %	% M/M	1.27	0.32	0.47	1.07	6.94	1.99	0.82	2.1	5.78	0.42	1.22	0.71	0.51	2.47	0.32	6.94	1.9	-	-	-	900.00	-	
900.00	WSLM59	Asbestos Fibres %	% M/M	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-	-	-	900.00	-	
900.00	PAHFID	Naphthalene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	3.0	
900.00	PAHFID	Acenaphthylene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Acenaphthene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Fluorene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Phenanthrene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Anthracene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Fluoranthene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Pyrene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Benzo(a)anthracene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Chrysene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Benzo(b)fluoranthene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Benzo(k)fluoranthene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Benzo(a)pyrene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	1.4	
900.00	PAHFID	Indeno(123cd)pyrene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Dibenz(ah)anthracene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
900.00	PAHFID	Benzo(ghi)perylene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	-	-	900.00	-	
150	GRO_HSA	Benzene	mg/kg	0.01	0.01	0.027	0.01	0.01	0.01	0.03	0.027	0.034	0.028	0.01	0.01	0.01	0.32	0.01	0.32	0.039	-	-	-	150	1.1	
48000	GRO_HSA	Toluene	mg/kg	0.01	0.01	0.027	0.01	0.01	0.01	0.03	0.027	0.034	0.028	0.01	0.01	0.01	0.32	0.01	0.32	0.039	-	-	-	48000	-	
1.1	GRO_HSA	Ethyl benzene	mg/kg	0.01	0.01	0.027	0.01	0.01	0.01	0.03	0.027	0.034	0.028	0.01	0.01	0.01	0.32	0.01	0.32	0.039	-	-	-	1.1	-	
1.1	GRO_HSA	m & p Xylene	mg/kg	0.01	0.01	0.027	0.01	0.01	0.01	0.03	0.027	0.034	0.028	0.01	0.01	0.01	0.32	0.01	0.32	0.039	-	-	-	1.1	-	
1.1	GRO_HSA	o Xylene	mg/kg	0.01	0.01	0.027	0.01	0.01	0.01	0.03	0.027	0.034	0.028	0.01	0.01	0.01	0.32	0.01	0.32	0.039	-	-	-	1.1	-	
2.0	GRO_HSA	Sum of xylenes	mg/kg	0.02	0.02	0.054	0.02	0.02	0.02	0.06	0.054	0.068	0.056	0.02	0.02	0.02	0.64	0.02	0.64	0.078	-	-	-	2.0	-	
310	GRO_HSA	C5 - C6	mg/kg	0.2	0.2	0.5	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.2	0.2	0.2	6	0.2	6	0.8	-	-	-	310	-	
310	GRO_HSA	>C6 - C7	mg/kg	0.2	0.2	0.5	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.2	0.2	0.2	6	0.2	6	0.8	-	-	-	310	-	
310	GRO_HSA	>C7 - C8	mg/kg	0.2	0.2	0.5	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.2	0.2	0.2	6	0.2	6	0.8	-	-	-	310	-	
310	GRO_HSA	>C8 - C10	mg/kg	0.2	0.2	0.5	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.2	0.2	0.2	6	0.2	6	0.8	-	-	-	310	-	
760	GRO_HSA	Total GRO	mg/kg	0.2	0.2	0.5	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.2	0.2	0.2	6	0.2	6	0.8	-	-	-	760	-	
1700	TPHFID	DRO (C8 to C10)	mg/kg	22	22	22	22	22	22	24	22	26	22	24	22	22	26	22	26	23.1	-	-	-	1700	-	
1700	TPHFID	DRO (C10 to C16)	mg/kg	44	44	44	44	52	44	48	44	52	44	48	44	44	52	44	52	46						

**Soil Contamination Results for Zone 8**

SCV Residential without plant uptake	SCV Commercial/Industrial	ECCL threshold levels for phytoextraction	Others	Range of depth	0.0m - 0.5m																																	0.5m - 1.0m										1.0m -										SCV Residential without plant uptake	SCV Commercial/Industrial	ECCL threshold level for phytoextraction	Others																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					TP104	TP106	TP103	TP104	TP105	TP106	TP107	TP108	TP109	TP110	TP111	TP112	TP113	TP114	TP115	TP116	TP117	TP118	TP119	TP120	TP121	TP122	TP123	TP124	TP125	TP126	TP127	TP128	TP129	TP130	TP131	TP132	TP133	TP134	TP135	TP136	TP137	TP138	TP139	TP140	TP141	TP142	TP143	TP144	TP145	TP146	TP147	TP148	TP149	TP150	TP151	TP152	TP153					TP154	TP155	TP156	TP157	TP158	TP159	TP160	TP161	TP162	TP163	TP164	TP165	TP166	TP167	TP168	TP169	TP170	TP171	TP172	TP173	TP174	TP175	TP176	TP177	TP178	TP179	TP180	TP181	TP182	TP183	TP184	TP185	TP186	TP187	TP188	TP189	TP190	TP191	TP192	TP193	TP194	TP195	TP196	TP197	TP198	TP199	TP200	TP201	TP202	TP203	TP204	TP205	TP206	TP207	TP208	TP209	TP210	TP211	TP212	TP213	TP214	TP215	TP216	TP217	TP218	TP219	TP220	TP221	TP222	TP223	TP224	TP225	TP226	TP227	TP228	TP229	TP230	TP231	TP232	TP233	TP234	TP235	TP236	TP237	TP238	TP239	TP240	TP241	TP242	TP243	TP244	TP245	TP246	TP247	TP248	TP249	TP250	TP251	TP252	TP253	TP254	TP255	TP256	TP257	TP258	TP259	TP260	TP261	TP262	TP263	TP264	TP265	TP266	TP267	TP268	TP269	TP270	TP271	TP272	TP273	TP274	TP275	TP276	TP277	TP278	TP279	TP280	TP281	TP282	TP283	TP284	TP285	TP286	TP287	TP288	TP289	TP290	TP291	TP292	TP293	TP294	TP295	TP296	TP297	TP298	TP299	TP300	TP301	TP302	TP303	TP304	TP305	TP306	TP307	TP308	TP309	TP310	TP311	TP312	TP313	TP314	TP315	TP316	TP317	TP318	TP319	TP320	TP321	TP322	TP323	TP324	TP325	TP326	TP327	TP328	TP329	TP330	TP331	TP332	TP333	TP334	TP335	TP336	TP337	TP338	TP339	TP340	TP341	TP342	TP343	TP344	TP345	TP346	TP347	TP348	TP349	TP350	TP351	TP352	TP353	TP354	TP355	TP356	TP357	TP358	TP359	TP360	TP361	TP362	TP363	TP364	TP365	TP366	TP367	TP368	TP369	TP370	TP371	TP372	TP373	TP374	TP375	TP376	TP377	TP378	TP379	TP380	TP381	TP382	TP383	TP384	TP385	TP386	TP387	TP388	TP389	TP390	TP391	TP392	TP393	TP394	TP395	TP396	TP397	TP398	TP399	TP400	TP401	TP402	TP403	TP404	TP405	TP406	TP407	TP408	TP409	TP410	TP411	TP412	TP413	TP414	TP415	TP416	TP417	TP418	TP419	TP420	TP421	TP422	TP423	TP424	TP425	TP426	TP427	TP428	TP429	TP430	TP431	TP432	TP433	TP434	TP435	TP436	TP437	TP438	TP439	TP440	TP441	TP442	TP443	TP444	TP445	TP446	TP447	TP448	TP449	TP450	TP451	TP452	TP453	TP454	TP455	TP456	TP457	TP458	TP459	TP460	TP461	TP462	TP463	TP464	TP465	TP466	TP467	TP468	TP469	TP470	TP471	TP472	TP473	TP474	TP475	TP476	TP477	TP478	TP479	TP480	TP481	TP482	TP483	TP484	TP485	TP486	TP487	TP488	TP489	TP490	TP491	TP492	TP493	TP494	TP495	TP496	TP497	TP498	TP499	TP500	TP501	TP502	TP503	TP504	TP505	TP506	TP507	TP508	TP509	TP510	TP511	TP512	TP513	TP514	TP515	TP516	TP517	TP518	TP519	TP520	TP521	TP522	TP523	TP524	TP525	TP526	TP527	TP528	TP529	TP530	TP531	TP532	TP533	TP534	TP535	TP536	TP537	TP538	TP539	TP540	TP541	TP542	TP543	TP544	TP545	TP546	TP547	TP548	TP549	TP550	TP551	TP552	TP553	TP554	TP555	TP556	TP557	TP558	TP559	TP560	TP561	TP562	TP563	TP564	TP565	TP566	TP567	TP568	TP569	TP570	TP571	TP572	TP573	TP574	TP575	TP576	TP577	TP578	TP579	TP580	TP581	TP582	TP583	TP584	TP585	TP586	TP587	TP588	TP589	TP590	TP591	TP592	TP593	TP594	TP595	TP596	TP597	TP598	TP599	TP600	TP601	TP602	TP603	TP604	TP605	TP606	TP607	TP608	TP609	TP610	TP611	TP612	TP613	TP614	TP615	TP616	TP617	TP618	TP619	TP620	TP621	TP622	TP623	TP624	TP625	TP626	TP627	TP628	TP629	TP630	TP631	TP632	TP633	TP634	TP635	TP636	TP637	TP638	TP639	TP640	TP641	TP642	TP643	TP644	TP645	TP646	TP647	TP648	TP649	TP650	TP651	TP652	TP653	TP654	TP655	TP656	TP657	TP658	TP659	TP660	TP661	TP662	TP663	TP664	TP665	TP666	TP667	TP668	TP669	TP670	TP671	TP672	TP673	TP674	TP675	TP676	TP677	TP678	TP679	TP680	TP681	TP682	TP683	TP684	TP685	TP686	TP687	TP688	TP689	TP690	TP691	TP692	TP693	TP694	TP695	TP696	TP697	TP698	TP699	TP700	TP701	TP702	TP703	TP704	TP705	TP706	TP707	TP708	TP709	TP710	TP711	TP712	TP713	TP714	TP715	TP716	TP717	TP718	TP719	TP720	TP721	TP722	TP723	TP724	TP725	TP726	TP727	TP728	TP729	TP730	TP731	TP732	TP733	TP734	TP735	TP736	TP737	TP738	TP739	TP740	TP741	TP742	TP743	TP744	TP745	TP746	TP747	TP748	TP749	TP750	TP751	TP752	TP753	TP754	TP755	TP756	TP757	TP758	TP759	TP760	TP761	TP762	TP763	TP764	TP765	TP766	TP767	TP768	TP769	TP770	TP771	TP772	TP773	TP774	TP775	TP776	TP777	TP778	TP779	TP780	TP781	TP782	TP783	TP784	TP785	TP786	TP787	TP788	TP789	TP790	TP791	TP792	TP793	TP794	TP795	TP796	TP797	TP798	TP799	TP800	TP801	TP802	TP803	TP804	TP805	TP806	TP807	TP808	TP809	TP810	TP811	TP812	TP813	TP814	TP815	TP816	TP817	TP818	TP819	TP820	TP821	TP822	TP823	TP824	TP825	TP826	TP827	TP828	TP829	TP830	TP831	TP832	TP833	TP834	TP835	TP836	TP837	TP838	TP839	TP840	TP841	TP842	TP843	TP844	TP845	TP846	TP847	TP848	TP849	TP850	TP851	TP852	TP853	TP854	TP855	TP856	TP857	TP858	TP859	TP860	TP861	TP862	TP863	TP864	TP865	TP866	TP867	TP868	TP869	TP870	TP871	TP872	TP873	TP874	TP875	TP876	TP877	TP878	TP879	TP880	TP881	TP882	TP883	TP884	TP885	TP886	TP887	TP888	TP889	TP890	TP891	TP892	TP893	TP894	TP895	TP896	TP897	TP898	TP899	TP900	TP901	TP902	TP903	TP904	TP905	TP906	TP907	TP908	TP909	TP910	TP911	TP912	TP913	TP914	TP915	TP916	TP917	TP918	TP919	TP920	TP921	TP922	TP923	TP924	TP925	TP926	TP927	TP928	TP929	TP930	TP931	TP932	TP933	TP934	TP935	TP936	TP937	TP938	TP939	TP940	TP941	TP942	TP943	TP944	TP945	TP946	TP947	TP948	TP949	TP950	TP951	TP952	TP953	TP954	TP955	TP956	TP957	TP958	TP959	TP960	TP961	TP962	TP963	TP964	TP965	TP966	TP967	TP968	TP969	TP970	TP971	TP972	TP973	TP974	TP975	TP976	TP977	TP978	TP979	TP980	TP981	TP982	TP983	TP984	TP985	TP986	TP987	TP988	TP989	TP990	TP991	TP992	TP993	TP994	TP995	TP996	TP997	TP998	TP999	TP1000	TP1001	TP1002	TP1003	TP1004	TP1005	TP1006	TP1007	TP1008	TP1009	TP1010	TP1011	TP1012	TP1013	TP1014	TP1015	TP1016	TP1017	TP1018	TP1019	TP1020	TP1021	TP1022	TP1023	TP1024	TP1025	TP1026	TP1027	TP1028	TP1029	TP1030	TP1031	TP1032	TP1033	TP1034	TP1035	TP1036	TP1037	TP1038	TP1039	TP1040	TP1041	TP1042	TP1043	TP1044	TP1045	TP1046	TP1047	TP1048	TP1049	TP1050	TP1051	TP1052	TP1053	TP1054	TP1055	TP1056	TP1057	TP1058	TP1059	TP1060	TP1061	TP1062	TP1063	TP1064	TP1065	TP1066	TP1067	TP1068	TP1069	TP1070	TP1071	TP1072	TP1073	TP1074	TP1075	TP1076	TP1077	TP1078	TP1079	TP1080	TP1081	TP1082	TP1083	TP1084	TP1085	TP1086	TP1087	TP1088	TP1089	TP1090	TP1091	TP1092	TP1093	TP1094	TP1095	TP1096	TP1097	TP1098	TP1099	TP1100	TP1101	TP1102	TP1103	TP1104	TP1105	TP1106	TP1107	TP1108	TP1109	TP1110	TP1111	TP1112	TP1113	TP1114	TP1115	TP1116	TP1117	TP1118	TP1119	TP1120	TP1121	TP1122	TP1123	TP1124	TP1125	TP1126	TP1127	TP1128	TP1129	TP1130	TP1131	TP1132	TP1133	TP1134	TP1135	TP1136	TP1137	TP1138	TP1139	TP1140	TP1141	TP1142	TP1143	TP1144	TP1145	TP1146	TP1147	TP1148	TP1149	TP1150	TP1151	TP1152	TP1153	TP1154	TP1155	TP1156	TP1157	TP1158	TP1159	TP1160	TP1161	TP1162	TP1163	TP1164	TP1165	TP1166	TP1167	TP1168	TP1169	TP1170	TP1171	TP1172	TP1173	TP1174	TP1175	TP1176	TP1177	TP1178	TP1179	TP1180	TP1181	TP1182	TP1183	TP1184	TP1185	TP1186	TP1187	TP1188	TP1189	TP1190	TP1191	TP1192	TP1193	TP1194	TP1195	TP1196	TP1197	TP1198	TP1199	TP1200	TP1201	TP1202	TP1203	TP1204	TP1205	TP1206	TP1207	TP1208	TP1209	TP1210	TP1211	TP1212	TP1213	TP1214	TP1215	TP1216	TP1217	TP1218	TP1219	TP1220	TP1221	TP1222	TP1223	TP1224	TP1225	TP1226	TP1227	TP1228	TP1229	TP1230	TP1231	TP1232	TP1233	TP1234	TP1235	TP1236	TP1237	TP1238	TP1239	TP1240	TP1241	TP1242	TP1243	TP1244	TP1245	TP1246	TP1247	TP1248	TP1249	TP1250	TP1251	TP1252	TP1253	TP1254	TP1255	TP1256	TP1257	TP1258	TP1259	TP1260	TP1261	TP1262	TP1263	TP1264	TP1265	TP1266	TP1267	TP1268	TP1269	TP1270	TP1271	TP1272	TP1273	TP1274	TP1275	TP1276	TP1277	TP1278	TP1279	TP1280	TP1281	TP1282	TP1283	TP1284	TP1285	TP1286	TP1287	TP1288	TP1289	TP1290	TP1291	TP1292	TP1293	TP1294	TP1295	TP1296	TP1297	TP1298	TP1299	TP1300	TP1301	TP1302	TP1303	TP1304	TP1305	TP1306	TP1307	TP1308	TP1309	TP1310	TP1311	TP1312	TP1313	TP1314	TP1315	TP1316	TP1317	TP1318	TP1319	TP1320	TP1321	TP1322	TP1323	TP1324	TP1325	TP1326	TP1327	TP1328	TP1329	TP1330	TP1331	TP1332	TP1333	TP1334	TP1335	TP1336	TP1337	TP1338	TP1339	TP1340	TP1341	TP1342	TP1343	TP1344	TP1345	TP1346	TP1347	TP1348	TP1349	TP1350	TP1351	TP1352	TP1353	TP1354	TP1355	TP1356	TP1357	TP1358	TP1359	TP1360	TP1361	TP1362	TP1363	TP1364	TP1365	TP1366	TP1367	TP1368	TP1369	TP1370	TP1371	TP1372	TP1373	TP1374	TP1375	TP1376	TP1377	TP1378	TP1379	TP1380	TP1381	TP1382	TP1383	TP1384	TP1385	TP1386	TP1387	TP1388	TP1389	TP1390	TP1391	TP1392

## Soil Contamination Results for Zone 9

SGV Commercial / Industrial	ICRCL threshold levels for phytotoxic compounds	Others	Method Code	Range of depth	Sample Identity and depth	Depth	Unit	0.0m - 0.5m			0.5m - 1.5m			<1.5m			Statistical data	SGV Commercial / Industrial	ICRCL threshold levels for phytotoxic compounds	Others				
								TP328 0.1	TP330 0.1	TP327 0.2	TP329 0.8	BH307 1.5	TP330 1.5	TP330 2.0	BH307 2.5	BH307 3.5					Min	Max	Mean	US95 mean
								0.1	0.1	0.2	0.8	1.5	1.5	2	2.5	3.5								
								Others	Others	Others	Others	Others	Others	Others	Others	Others								
500	130	31	ICPMSS	Antimony	mg/kg	3.9	10.1	7	6.2	0.8	6.2	1.4	0.5	1.5	0.5	10.1	4.2	-	500	130	31			
1400		ICPMSS	Arsenic	mg/kg	430.7	138.3	332	1750	161	59.1	58.5	65.9	74.6	58.5	1750	341.1	679	1400						
5000		ICPMSS	Cadmium	mg/kg	1.57	2.06	3.5	1.4	0.39	1.25	0.7	0.56	0.38	0.38	3.5	1.3	1.94	5000						
750		ICPMSS	Chromium	mg/kg	24.2	34	36.9	30.8	34.2	16.5	48	50.5	42	16.5	50.5	35.2	41.95	750						
480		ICPMSS	Copper	mg/kg	623.7	234.9	1800	103.4	118.5	1820	46.3	95.5	17.9	17.9	1820	540.0	-	480						
5000		ICPMSS	Lead	mg/kg	1170	462.9	981	66.7	45.7	531.4	78	15.4	53	15.4	1170	378.2	652	5000						
8000		ICPMSS	Mercury	mg/kg	0.55	1.16	0.28	0.1	0.1	0.13	0.24	0.1	0.1	0.1	1.16	0.3	0.53	8000						
21900		70	ICPMSS	Nickel	mg/kg	28.3	41.6	48	23.5	29.4	24.4	48.2	42.1	32.9	23.5	48.2	35.4	41.43			21900			
900		ICPMSS	Selenium	mg/kg	0.72	0.5	0.66	0.58	0.5	1.1	0.5	0.5	0.5	0.5	1.1	0.6	0.74	900						
900		ICPMSS	Tin	mg/kg	138	1700	286	67.6	6.3	221.8	334.7	3	3.7	3	1700	306.8	-	900						
300	ICPMSS	Zinc	mg/kg	1050	1750	1760	340.8	147.9	1570	297	151.3	254.6	147.9	1760	813.5	-	300							
9.5	ICTSCN28	Sulphide	mg/kg	5	5	5	4	5	5	5	5	5	4	5	4.9	-	9.5							
21900	9.5	WSLM3	pH units	8.2	8.2	7.8	5.6	7.8	7.8	8.4	6.9	7.4	5.6	8.4	7.6	-	21900							
1	WSLM4	Phenol Index	mg/kg	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	-	1							
1	TMSS	Total moisture @105 C	%	9.6	14.4	10.1	5.7	7.3	23.2	14.4	9.7	6	5.7	23.2	11.2	-	1							
1	DW35	Moisture @35 C	%	7.8	10.7	7.4	5.5	5.6	16.6	12.3	6.7	5.1	5.1	16.6	8.6	-	1							
1	ICPMAJ	Beryllium	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1	-	1							
1	KONECL	Chloride	mg/kg	47	46	64	73	340	48	29	211	52	29	340	101.1	-	1							
1	SSL	Organic Matter %	%	9.5	4.6	6.2	0.6	1.2	18.8	0.5	1.3	0.7	0.5	18.8	4.8	-	1							
1	SSP3	Stone content %	%	0.1	0.1	0.1	6.9	27.8	0.1	0.1	1	1	0.1	27.8	4.1	-	1							
1	WSLM59	F.O.C. %	% M/M	16.1	7.77	11.54	0.55	0.66	37.4	0.62	0.46	0.17	0.17	37.4	8.4	-	1							
1	WSLM59	Asbestos Fibres %	% M/M	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-	1							
3.0	PAHFID	Naphthalene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	3.0							
3.0	PAHFID	Acenaphthylene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	3.0							
3.0	PAHFID	Acenaphthene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	3.0							
3.0	PAHFID	Fluorene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	3.0							
3.0	PAHFID	Phenanthrene	mg/kg	3	1	1	1	1	2	1	1	1	1	3	1.3	-	3.0							
900.00	PAHFID	Anthracene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	900.00							
900.00	PAHFID	Fluoranthene	mg/kg	3	1	1	1	1	1	1	1	1	1	3	1.2	-	900.00							
900.00	PAHFID	Pyrene	mg/kg	3	1	1	1	1	1	1	1	1	1	3	1.2	-	900.00							
90.00	PAHFID	Benz(a)anthracene	mg/kg	2	2	1	1	1	1	1	1	1	1	2	1.2	-	90.00							
900.00	PAHFID	Chrysene	mg/kg	3	2	1	1	1	1	1	1	1	1	3	1.3	-	900.00							
90.00	PAHFID	Benzo(b)fluoranthene	mg/kg	3	3	1	1	1	1	1	1	1	1	3	1.4	-	90.00							
90.00	PAHFID	Benzo(k)fluoranthene	mg/kg	4	2	1	1	1	1	2	1	1	1	4	1.6	-	90.00							
9.00	PAHFID	Benzo(a)pyrene	mg/kg	2	2	1	1	1	1	1	1	1	1	2	1.2	1.5	9.00							
90.00	PAHFID	Indeno(123cd)pyrene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	90.00							
9.00	PAHFID	Dibenzo(ah)anthracene	mg/kg	1	1	1	1	1	1	1	1	1	1	1	1.0	-	9.00							
900.00	PAHFID	Benzo(ghi)perylene	mg/kg	2	1	1	1	1	1	1	1	1	1	2	1.1	-	900.00							
150	GRO_HSA	Benzene	mg/kg	0.028	0.01	0.028	0.01	-	0.01	0.01	-	-	0.01	0.028	0.0	-	150							
48000	GRO_HSA	Toluene	mg/kg	0.028	0.01	0.028	0.01	-	0.01	0.01	-	-	0.01	0.028	0.0	-	48000							
48000	GRO_HSA	Ethyl benzene	mg/kg	0.028	0.01	0.028	0.01	-	0.01	0.01	-	-	0.01	0.028	0.0	-	48000							
48000	GRO_HSA	m & p Xylene	mg/kg	0.028	0.01	0.028	0.01	-	0.01	0.01	-	-	0.01	0.028	0.0	-	48000							
48000	GRO_HSA	o Xylene	mg/kg	0.028	0.01	0.028	0.01	-	0.01	0.01	-	-	0.01	0.028	0.0	-	48000							
2.0	GRO_HSA	Sum of xylenes	mg/kg	0.056	0.02	0.056	0.02	-	0.02	0.02	-	-	0.02	0.056	0.0	-	2.0							
2.0	GRO_HSA	C5 - C6	mg/kg	0.6	0.2	0.6	0.2	-	0.3	0.2	-	-	0.2	0.6	0.4	-	2.0							
2.0	GRO_HSA	>C6 - C7	mg/kg	0.6	0.2	0.6	0.2	-	0.3	0.2	-	-	0.2	0.6	0.4	-	2.0							
2.0	GRO_HSA	>C7 - C8	mg/kg	0.6	0.2	0.6	0.2	-	0.3	0.2	-	-	0.2	0.6	0.4	-	2.0							
2.0	GRO_HSA	>C8 - C10	mg/kg	0.6	0.2	0.6	0.2	-	0.3	0.2	-	-	0.2	0.6	0.4	-	2.0							
310	GRO_HSA	Total GRO	mg/kg	0.6	0.2	0.6	0.2	-	0.3	0.2	-	-	0.2	0.6	0.4	-	310							
310	TPHSI_FID	DRO (C8 to C10)	mg/kg	22	24	22	22	22	26	24	22	22	22	26	22.9	-	310							
760	TPHSI_FID	DRO (C10 to C16)	mg/kg	44	48	44	44	44	52	48	44	44	44	52	45.8	-	760							
1700	TPHSI_FID	DRO (C16 to C35)	mg/kg	145.7	108	61.8	62.3	75.8	55.1	48	44	44	44	145.7	71.6	-	1700							

**NB: Values in *italic* are below detection limits**

**Soil Contamination Results for Zone 10**

	Sample Identity and depth		TP801 1.2	TP802 1.2	TP803 1.2	TP804 1.2	TP805 1.0	Statistical data			SGV Residential without plant uptake	ICRCL threshold levels for phytotoxic compounds	Others
								Max	Min	Mean			
Antimony	ICPMSS	mg/kg	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	20			
Arsenic	ICPMSS	mg/kg	<b>27</b>	<b>22.1</b>	<b>21.2</b>	18.9	<b>21.5</b>	27	18.9	22.14			
Cadmium	ICPMSS	mg/kg	0.8	0.15	0.3	0.11	0.11	0.8	0.11	0.294	30		
Chromium	ICPMSS	mg/kg	3.8	3.7	3.1	2.5	2.7	3.8	2.5	3.16	200		
Copper	ICPMSS	mg/kg	17.1	18.4	14.8	12.6	14.1	18.4	12.6	15.4		130	
Lead	ICPMSS	mg/kg	6.7	9.1	6.8	6.8	6.8	9.1	6.7	7.24	450		
Mercury	ICPMSS	mg/kg	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	15		
Nickel	ICPMSS	mg/kg	3.6	3.4	2.7	2.6	2.3	3.6	2.3	2.92	75		
Selenium	ICPMSS	mg/kg	1.05	0.93	1.06	1	1.13	1.13	0.93	1.034	260		
Tin	ICPMSS	mg/kg	2.3	2.3	2.1	1.9	2.2	2.3	1.9	2.16		900	
Zinc	ICPMSS	mg/kg	33	27.9	49	23.7	26.6	49	23.7	32.04		300	
Sulphide	ICTSCN28	mg/kg	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>			
pH units	WSLM3		<b>9.6</b>	9.1	9.3	9.3	9.3	9.6	9.1	9.32		9.5	
Phenol Index	WSLM4	mg/kg	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	78		
Total moisture @105 C	TMSS	%	6.4	17.4	19.6	19.8	8.4	19.8	6.4	14.32			
Moisture @35 C	DW35	%	6.1	19.6	19.4	17.9	7.3	19.6	6.1	14.06			
Beryllium	ICPMAJ	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Chloride	KONECL	mg/kg	31	3520	4390	3750	1500	4390	31	2638.2			
Organic Matter %	SSL		0.2	0.3	0.5	0.4	0.2	0.5	0.2	0.32			
Stone content %	SSP3		<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>			
F.O.C. %	WSLM59	% M/M	0.94	0.63	0.54	0.69	0.55	0.94	0.54	0.67			
Asbestos Fibres %		% M/M	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>			
Naphthalene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		0.45*	
Acenaphthylene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Acenaphthene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Fluorene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Phenanthrene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Anthracene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		95	
Fluoranthene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Pyrene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>			
Benz(a)anthracene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		9.5	
Chrysene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		95	
Benzo(b)fluoranthene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		9.5	
Benzo(k)fluoranthene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		9.5	
Benzo(a)pyrene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		0.95*	
Indeno(123cd)pyrene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		9.5	
Dibenzo(a,h)anthracene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		0.95*	
Benzo(ghi)perylene	PAHFID	mg/kg	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		95	
Benzene	GRO_HSA	mg/kg	<i>0.01</i>	<i>0.03</i>	<i>0.031</i>	<i>0.01</i>	<i>0.01</i>	<i>0.031</i>	<i>0.01</i>	<i>0.0182</i>		1.1	
Toluene	GRO_HSA	mg/kg	<i>0.01</i>	<i>0.03</i>	<i>0.031</i>	<i>0.01</i>	<i>0.01</i>	<i>0.031</i>	<i>0.01</i>	<i>0.0182</i>	3		
Ethyl benzene	GRO_HSA	mg/kg	<i>0.01</i>	<i>0.03</i>	<i>0.031</i>	<i>0.01</i>	<i>0.01</i>	<i>0.031</i>	<i>0.01</i>	<i>0.0182</i>	16		
m & p Xylene	GRO_HSA	mg/kg	<i>0.01</i>	<i>0.03</i>	<i>0.031</i>	<i>0.01</i>	<i>0.01</i>	<i>0.031</i>	<i>0.01</i>	<i>0.0182</i>			
o Xylene	GRO_HSA	mg/kg	<i>0.01</i>	<i>0.03</i>	<i>0.031</i>	<i>0.01</i>	<i>0.01</i>	<i>0.031</i>	<i>0.01</i>	<i>0.0182</i>			
Sum of xylenes		mg/kg	<i>0.02</i>	<i>0.06</i>	<i>0.062</i>	<i>0.02</i>	<i>0.02</i>	<i>0.062</i>	<i>0.02</i>	<i>0.0364</i>		2.0	
C5 - C6	GRO_HSA	mg/kg	<i>0.2</i>	<i>0.6</i>	<i>0.6</i>	<i>0.2</i>	<i>0.2</i>	<i>0.6</i>	<i>0.2</i>	<i>0.36</i>		80	
C6 - C7	GRO_HSA	mg/kg	<i>0.2</i>	<i>0.6</i>	<i>0.6</i>	<i>0.2</i>	<i>0.2</i>	<i>0.6</i>	<i>0.2</i>	<i>0.36</i>		80	
C7 - C8	GRO_HSA	mg/kg	<i>0.2</i>	<i>0.6</i>	<i>0.6</i>	<i>0.2</i>	<i>0.2</i>	<i>0.6</i>	<i>0.2</i>	<i>0.36</i>		80	
C8 - C10	GRO_HSA	mg/kg	<i>0.2</i>	<i>0.6</i>	<i>0.6</i>	<i>0.2</i>	<i>0.2</i>	<i>0.6</i>	<i>0.2</i>	<i>0.36</i>		60	
Total GRO	GRO_HSA	mg/kg	<i>0.2</i>	<i>0.6</i>	<i>0.6</i>	<i>0.2</i>	<i>0.2</i>	<i>0.6</i>	<i>0.2</i>	<i>0.36</i>		30	
DRO (C8 to C10)	TPHSL_FID	mg/kg	22	24	24	24	22	24	22	23.2		30	
DRO (C10 to C16)	TPHSL_FID	mg/kg	44	48	48	48	44	48	44	46.4		150	
DRO (C16 to C35)	TPHSL_FID	mg/kg	44	48	48	48	44	48	44	46.4		400	

**NB: Values in *italic* are below detection limits**

\* for these compounds the derived assessment criteria for residential use were lower than detection limits; for more clarity, only values above the detection limits are highlighted