

				Organic Compounds in Soil (mg/kg [ppm])																				Inorganics in Soil			Metals in Soil (mg/kg [ppm])												
			Allowable Concentration -->	500			0.17	85	100	175	1000	1000	0.22	0.22	2.2	0.022	22	0.022	1000	1000	0.22	23	1000	4	<12	(6-9)	0.39	15000	70	120000	23	3100	400	23	1600	390	390	23000	
Location	Sample Date:	Sample Matrix	Matrix Notes	TPH (total volatile and extractable petroleum hydrocarbons) (TPH-GRO + TPH-DRO)	TPH-GRO (G6-C10) Low Fraction	TPH-DRO (C10-C36) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - total	Acenaphthene	Anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(k)fluoranthene	Benz(a)pyrene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	EC (<4 mmhos/cm or 2x background)	SAR (calculation)	pH	Arsenic	Barium - EPA Total Barium	Cadmium	Chromium (III)	Chromium (VI)	Copper	Lead (inorganic)	Mercury	Nickel (soluble salts)	Selenium	Silver	Zinc	
KE Road	04/30/14	Spill	SW	BDL	BDL	BDL	BDL	BDL	0.0028	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	5.5	8.5	4.8	230	BDL	15	BDL	11	17	BDL	26	3	BDL	38.0	
KE Road	04/30/14	Spill	SE	6.6	BDL	6.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.67	3.6	8.5	3.9	210	BDL	14	BDL	9	19	BDL	19	BDL	BDL	32.0	
KE Road	05/01/14	Spill	stockpile	97	47	50	U	0.29	0.11	1.8	U	U	U	U	U	U	U	U	U	U	U	U	0.075	0.022	11	21	8.6	3.8	220	0.21	13	0.49	12	9.2	0.017	20	2.1	0.071	37.0
KE Road	05/01/14	Spill	POR	107	41	66	0.045	0.85	0.21	3.2	U	U	U	U	U	U	U	U	0.052	U	U	U	0.029	0.025	13	25	8.6	3.8	260	0.28	11	1.2	12	8.3	0.022	21	1.6	0.16	35.0
KE Road	06/04/14	Spill	SE																						21														
KE Road	06/04/14	Spill	SW																						30														
KE Road	06/19/14	Spill	INTNW																						6.9	17													
KE Road	06/19/14	Spill	INTSE																						1.5	2.7													
KE Road	06/19/14	Spill	INTNE																						7.9	11													
KE Road	06/19/14	Spill	INTSW																						14	17													
KE Road	09/25/14	Spill	spill area [SW]																						0.27	1.5													
KE Road	09/25/14	Spill	spill area [S]																						0.26	2.8													
KE Road	09/25/14	Spill	spill area [SE]																						1.2	9.1													
KE Road	09/25/14	Spill	spill area [E]																						0.64	13													
KE Road	09/25/14	Spill	spill area [Mid]																						3.2	36													
KE Road	09/25/14	Spill	spill area [W]																						0.35	1.2													
KE Road	09/25/14	Spill	spill area [NW]																						0.57	5.2													
KE Road	09/25/14	Spill	spill area [N]																						2.4	30													
KE Road	09/25/14	Spill	spill area [NE]																						0.16	2.9													