Appendix G
Details of Surface Soil Sampling

Table G-1: Details of Surface Soil Sampling – RSE Investigation

Location ID	EPA ID	Earth Tech ID	Sampling Date	Sampling Depths (feet bgs)	Sample Type	Ph	Petroleum Hydrocarbons	VOCs	SVOCs	PAHs	Metals	Dioxins and Furans
HA4	LK026	AA 3-HA4SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA3	LK023	AA 3-HA3SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA2	LK020	AA 3-HA2SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA1	LK017	AA 3-HA1SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA5	LK029	AA 3-HA5SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA6	LK032	AA 3-HA6SS-S01-D001'	10/9/2002	0–1	Regular	√	√	√	√	√	√	—
HA7	LK035	AA 3-HA7SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	—
HA8	LK038	AA 3-HA8SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	—
HA11	LK047	AA 3-HA11SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	√
HA10	LK044	AA 3-HA10SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	—
HA9	LK041	AA 3-HA9SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	—
HA13	LK053	AA 3-HA13SS-S01-D001'	10/10/2002	0–1	Regular	√	√	√	√	√	√	—
	LK116	AA 3-HA13SS-D02-D001'	10/10/2002	0–1	Duplicate of LK053	√	√	√	√	√	√	—
HA14	LK056	AA 3-HA14SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	√
HA15	LK059	AA 3-HA15SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	—
HA12	LK050	AA 3-HA12SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	—
	LK117	AA 3-HA12SS-D02-D001'	10/11/2002	0–1	Duplicate of LK050	√	√	√	√	√	√	—
HA19	LK071	AA 3-HA19SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	—
HA18	LK068	AA 3-HA18SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	√
HA17	LK065	AA 3-HA17SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	—
HA16	LK062	AA 3-HA16SS-S01-D001'	10/11/2002	0–1	Regular	√	√	√	√	√	√	—
HA20	LK074	AA 3-HA20SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	—
HA21	LK077	AA 3-HA21SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	√
HA22	LK080	AA 3-HA22SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	—
HA23	LK083	AA 3-HA23SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	—
HA27	LK095	AA 3-HA27SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	√
HA26	LK092	AA 3-HA26SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	√
	LK118	AA 3-HA26SS-D02-D001'	10/14/2002	0–1	Soil Dup	√	√	√	√	√	√	√
HA25	LK089	AA 3-HA25SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	√
HA24	LK086	AA 3-HA24SS-S01-D001'	10/14/2002	0–1	Regular	√	√	√	√	√	√	—
HA28	LK098	AA 3-HA28SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	—
HA29	LK101	AA 3-HA29SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	√
HA30	LK104	AA 3-HA30SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	—
HA31	LK107	AA 3-HA31SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	√
HA32	LK110	AA 3-HA32SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	—
HA33	LK113	AA 3-HA33SS-S01-D001'	10/15/2002	0–1	Regular	√	√	√	√	√	√	—
	LK119	AA 3-HA33SS-D02-D001'	10/15/2002	0–1	Duplicate of LK113	√	√	√	√	√	√	—

Table G-2: Surface Soil Analytical Results - RSE Investigation

	Sample ID:	LK017	LK020	LK023	LK026	LK029	LK032	LK035	LK038	LK041	LK044	LK047	LK050	LK117	LK053	LK116
	Location ID:	HA01	HA02	HA03	HA04	HA05	HA06	HA07	HA08	HA09	HA10	HA11	HA12	HA12	HA13	HA13
	SampleType:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate
	Sample Date:	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/11/2002	10/11/2002	10/10/2002	10/10/2002
Parameter	Sample Depth:	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'
TPH (EPA Method 8015B DRO)	Units															
MOTOR OILS	mg/kg	10J	12U	86	160	11U	10U	3J	43	8J	13U	11U	14	7J	11U	8J
PHC AS DIESEL FUEL	mg/kg	12U	12U	15	100U	11U	10U	10U	2J	0.8J	13U	11U	3J	11U	11U	0.9J
PHC AS GASOLINE	mg/kg	0.04J	0.03J	0.03J	0.1J	0.03J	0.02J	0.03J	10U	0.04J	0.04J	0.03J	0.03J	0.03J	0.03J	0.03J
VOCs (EPA Method 8260B)																
1,1,1,2-TETRACHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1,1-TRICHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1,2,2-TETRACHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1,2-TRICHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1-DICHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,1-DICHLOROETHENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,2,3-TRICHLOROPROPANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,2-DICHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,2-DICHLOROPROPANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
1,2-DICHLOROTETRAFLUOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
2-HEXANONE	ug/kg	59U	59U	64U	55U	59U	58U	50U	52U	53U	60U	54U	54U	54U	57U	57U
4-METHYL-2-PENTANONE (MIBK)	ug/kg	59U	59U	64U	55U	59U	58U	50U	52U	53U	60U	54U	54U	54U	57U	57U
ACETONE	ug/kg	120UJ	120UJ	130UJ	110UJ	120UJ	120UJ	100UJ	100UJ	110UJ	120UJ	110UJ	110UJ	110UJ	110UJ	110UJ
BENZENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
BROMODICHLOROMETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
BROMOFORM	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
BROMOMETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3UJ	6UJ	5.4UJ	5.4UJ	5.4UJ	5.7UJ	5.7UJ
CARBON DISULFIDE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CARBON TETRACHLORIDE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CHLOROBENZENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CHLOROETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CHLOROFORM	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CHLOROMETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CIS-1,2-DICHLOROETHENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
CIS-1,3-DICHLOROPROPENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
DIBROMOCHLOROMETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
DICHLORODIFLUOROMETHANE (F12)	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
DI-ISOPROPYL ETHER (DIPE)	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
ETHYL TERTIARY BUTYL ETHER	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
ETHYLBENZENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
METHYL ETHYL KETONE	ug/kg	120U	120U	130U	110U	120U	120U	100U	100U	110UJ	120UJ	110UJ	110UJ	110UJ	110UJ	110UJ
METHYLENE CHLORIDE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
METHYL-TERT-BUTYL ETHER (MTBE)	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
STYRENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TERTIARY AMYL METHYL ETHER	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TERTIARY BUTYL ALCOHOL (TBA)	ug/kg	23UJ	23UJ	26UJ	22UJ	24UJ	23UJ	20UJ	21UJ	21UJ	24UJ	22UJ	22UJ	22UJ	23UJ	23UJ
TETRACHLOROETHENE(PCE)	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TOLUENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TRANS-1,2-DICHLOROETHENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TRANS-1,3-DICHLOROPROPENE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TRICHLOROETHENE (TCE)	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
TRICHLOROFLUOROMETHANE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
VINYL CHLORIDE	ug/kg	5.9U	5.9U	6.4U	5.5U	5.9U	5.8U	5U	5.2U	5.3U	6U	5.4U	5.4U	5.4U	5.7U	5.7U
XYLENES, TOTAL	ug/kg	18U	18U	19U	17U	18U	17U	15U	16U	16U	18U	16U	16U	16U	17U	17U
SVOCs (EPA Method 8270C)																
1,2,4-TRICHLOROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
1,2-DICHLOROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U

Table G-2: Surface Soil Analytical Results - RSE Investigation

Parameter	Sample ID:	LK017	LK020	LK023	LK026	LK029	LK032	LK035	LK038	LK041	LK044	LK047	LK050	LK117	LK053	LK116
	Location ID:	HA01	HA02	HA03	HA04	HA05	HA06	HA07	HA08	HA09	HA10	HA11	HA12	HA12	HA13	HA13
	SampleType:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate
	Sample Date:	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/11/2002	10/11/2002	10/10/2002	10/10/2002
	Sample Depth:	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'
SVOCs (EPA Method 8270C)	Units															
1,3-DICHLOROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
1,4-DICHLOROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,2'-OXYBIS(1-CHLOROPROPANE)	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,4,5-TRICHLOROPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,4,6-TRICHLOROPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,4-DICHLOROPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,4-DIMETHYLPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,4-DINITROPHENOL	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
2,4-DINITROTOLUENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2,6-DINITROTOLUENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2-CHLORONAPHTHALENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2-CHLOROPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2-METHYLPHENOL (O-CRESOL)	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
2-NITROANILINE	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
2-NITROPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
3,3'-DICHLOROBENZIDINE	ug/kg	1200U	1200U	2400U	2000U	1100U	1000U	1000U	2000U	1000U	1300U	1100U	1100U	1100U	1100U	1200U
3/4-METHYLPHENOL (M/P-CRESOL)	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
3-NITROANILINE	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
4,6-DINITRO-2-METHYLPHENOL	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
4-BROMOPHENYL-PHENYLETHER	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
4-CHLORO-3-METHYLPHENOL	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
4-CHLOROANILINE	ug/kg	1200U	1200U	2400U	2000U	1100U	1000U	1000U	2000U	1000U	1300U	1100U	1100U	1100U	1100U	1200U
4-CHLOROPHENYL-PHENYL ETHER	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
4-NITROANILINE	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
4-NITROPHENOL	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
BIS(2-CHLOROETHOXY) METHANE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
BIS(2-CHLOROETHYL) ETHER	ug/kg	200U	190U	380U	330U	180U	170U	170U	330U	170U	210U	180U	170U	180U	180U	200U
BIS(2-ETHYLHEXYL)PHTHALATE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	65J	520U	630U	540U	530U	540U	550U	600U
BUTYLBENZYLPHTHALATE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
CARBAZOLE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
DIBENZOFURAN	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
DIETHYLPHTHALATE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
DIMETHYLPHTHALATE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
DI-N-BUTYLPHTHALATE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
DI-N-OCTYLPHTHALATE	ug/kg	610U	580U	1200U	1000UJ	560U	520U	520U	1000UJ	520U	630U	540U	530U	540U	550U	600U
HEXACHLOROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
HEXACHLOROBUTADIENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
HEXACHLOROCYCLOPENTADIENE	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
HEXACHLOROETHANE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
ISOPHORONE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
NITROBENZENE	ug/kg	610U	580U	1200U	1000U	560U	520U	520U	1000U	520U	630U	540U	530U	540U	550U	600U
N-NITROSODI-N-PROPYLAMINE	ug/kg	35U	34U	68U	58U	33U	30U	30U	59U	30U	37U	31U	31U	31U	32U	35U
N-NITROSO-DIPHENYLAMINE	ug/kg	3000U	2900U	5900U	5000U	2800U	2600U	2600U	5100U	2600U	3200U	2700U	2600U	2700U	2700U	3000U
PENTACHLOROPHENOL	ug/kg	2100U	2000U	4000U	3400U	1900U	1800U	1800U	3500U	1800U	2200U	1800U	1800U	1800U	1900U	2100U
PHENOL	ug/kg	610U	110J	410J	1000U	560U	520U	520U	1000U	210J	150J	220J	530U	540U	550U	110J
PAHs (Method PAH-SIM)																
2-METHYLNAPHTHALENE	ug/kg	30U	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
ACENAPHTHENE	ug/kg	30U	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
ACENAPHTHYLENE	ug/kg	30U	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
ANTHRACENE	ug/kg	30UJ	29UJ	29UJ	25UJ	28UJ	26UJ	26UJ	25UJ	26UJ	32UJ	27UJ	26UJ	27UJ	27UJ	30UJ
BENZO(A)ANTHRACENE	ug/kg	16J	29UJ	19J	18J	28UJ	26UJ	7J	25UJ	26UJ	32UJ	27UJ	26UJ	27UJ	27UJ	30UJ
BENZO(A)PYRENE	ug/kg	30U	29U	11J	10J	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U

Table G-2: Surface Soil Analytical Results - RSE Investigation

Parameter	Sample ID:	LK017	LK020	LK023	LK026	LK029	LK032	LK035	LK038	LK041	LK044	LK047	LK050	LK117	LK053	LK116
	Location ID:	HA01	HA02	HA03	HA04	HA05	HA06	HA07	HA08	HA09	HA10	HA11	HA12	HA12	HA13	HA13
	SampleType:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate
	Sample Date:	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/11/2002	10/11/2002	10/10/2002	10/10/2002
	Sample Depth:	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'
PAHs (Method PAH-SIM)	Units															
BENZO(B)FLUORANTHENE	ug/kg	8J	29UJ	17J	15J	28UJ	26UJ	26UJ	25UJ	26UJ	32UJ	27UJ	26UJ	27UJ	27UJ	30UJ
BENZO(G,H,I)PERYLENE	ug/kg	30U	29U	11J	7J	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
BENZO(K)FLUORANTHENE	ug/kg	30UJ	29UJ	13J	7J	28UJ	26UJ	26UJ	25UJ	26UJ	32UJ	27UJ	26UJ	27UJ	27UJ	30UJ
CHRYSENE	ug/kg	10J	29U	29U	8J	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
DIBENZ(A,H)ANTHRACENE	ug/kg	30U	29U	29UJ	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
FLUORANTHENE	ug/kg	16J	29U	8J	11J	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
FLUORENE	ug/kg	30U	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
INDENO(1,2,3-C,D)PYRENE	ug/kg	30UJ	29UJ	29UJ	25UJ	28UJ	26UJ	26UJ	25UJ	26UJ	32UJ	27UJ	26UJ	27UJ	27UJ	30UJ
NAPHTHALENE	ug/kg	30U	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
PHENANTHRENE	ug/kg	9J	29U	29U	25U	28U	26U	26U	25U	26U	32U	27U	26U	27U	27U	30U
PYRENE	ug/kg	16J	29UJ	11J	14J	28UJ	26UJ	26UJ	25U	26U	32U	27U	26U	27U	27U	30U
Dioxins/Furans (EPA Method 8290)																
1,2,3,4,6,7,8-HpCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.947	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.417	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.116	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0835	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0944	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.171	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.101	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.184	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.193	NA	NA	NA	NA
1,2,3,7,8-PeCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0791	NA	NA	NA	NA
1,2,3,7,8-PeCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.114	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.134	NA	NA	NA	NA
2,3,4,7,8-PeCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.141	NA	NA	NA	NA
2,3,7,8-TCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.103	NA	NA	NA	NA
2,3,7,8-TCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.119	NA	NA	NA	NA
OCDD	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.93	NA	NA	NA	NA
OCDF	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.97	NA	NA	NA	NA
Total HpCDDs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA
Total HpCDFs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.417	NA	NA	NA	NA
Total HxCDDs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.604	NA	NA	NA	NA
Total HxCDFs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.916	NA	NA	NA	NA
Total PeCDDs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.294U	NA	NA	NA	NA
Total PeCDFs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.681	NA	NA	NA	NA
Total TCDDs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.226U	NA	NA	NA	NA
Total TCDFs	pg/g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.514	NA	NA	NA	NA
Metals (EPA Method 6010B)																
ALUMINUM	mg/kg	6550	4330	8190	8960	9680	6650	5320	7120	3570	7700	12400	14300	12100	11100	12100
ANTIMONY	mg/kg	2.1	7U	7.1U	6U	6.8U	6.2U	6.3U	6.1U	6.2U	0.29UJ	6.5U	6.3U	6.5U	6.5U	7.2U
ARSENIC	mg/kg	2.6	1.7	3.1	3.3	3.1	2.2	1.9	2.7	1.6	4.1	3.5	3.7	3.8	3.3	4.7
BARIUM	mg/kg	98.5	50.9	67.8	110	98.8	77.8	59.6	111	105	95.4	119	118	115	120	142
BERYLLIUM	mg/kg	0.48U	0.46U	0.099UJ	0.029UJ	0.091UJ	0.1UJ	0.059UJ	0.41U	0.41U	0.056UJ	0.15UJ	0.33	0.13UJ	0.44U	0.13UJ
CADMIUM	mg/kg	0.28	0.44	0.35	0.49	0.67	0.48	0.46	0.56	0.093J	0.39	0.98	0.88	0.78	0.6	1.1
CALCIUM	mg/kg	5120	1590	4960	7110	4110	2390	2000	4090	2980J	4480J	3940J	4090J	4290J	5920J	5060J
CHROMIUM	mg/kg	7.8	5.2	10.9	11.9	12.4	6.2	6.3	8.8	8.9	9	12.2	12.1	11.3	11.5	13.6
COBALT	mg/kg	4.4	2.5	4.6	5.4	5.2	3.4	3	4.4	2.8	5.3	5.8	5.8	6	5.6	6.7
COPPER	mg/kg	3.9	2.9	7	8.2	8.2	3.5	3.3	4.6	2.4	8	7.2	7.4	8.7	6	12.8
IRON	mg/kg	9540	5880	10200	12400	12500	8440	6990	10400	6820J	12000J	13700J	15100J	13800J	13200J	15700J
LEAD	mg/kg	4.7	1.6	15.5	20.7	9.5	2.6	4.2	7.2	2.5	20.6	4.7	5	10	4.7	17
MAGNESIUM	mg/kg	3320	1780	3110	4490	4960	2790	2260	3620	2030J	3860J	5000J	5540J	5150J	4840J	5620J
MANGANESE	mg/kg	177J	104J	151J	201J	193J	145J	128J	173J	119	180	242	234	228	217	252

Table G-2: Surface Soil Analytical Results - RSE Investigation

Parameter	Sample ID:	LK017	LK020	LK023	LK026	LK029	LK032	LK035	LK038	LK041	LK044	LK047	LK050	LK117	LK053	LK116
	Location ID:	HA01	HA02	HA03	HA04	HA05	HA06	HA07	HA08	HA09	HA10	HA11	HA12	HA12	HA13	HA13
	SampleType:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate
	Sample Date:	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/9/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/10/2002	10/11/2002	10/11/2002	10/10/2002	10/10/2002
	Sample Depth:	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'	0 - 1'
MERCURY (EPA Method 7471A)	mg/kg	0.038	0.034	0.069	0.051	0.039	0.028	0.041	0.028	0.02	0.037	0.027	0.027	0.023	0.028	0.029
Metals (EPA Method 6010B)	Units															
NICKEL	mg/kg	4.7	4.4	7.4	7.8	8.2	5.2	4.9	6.2	5.1	6.4	10.1	9.5	8.5	7.9	10.6
POTASSIUM	mg/kg	2290J	1210J	1800J	2760J	3310J	1850J	1560J	2490J	1100J	2500J	3010J	3280J	3070J	2920J	3540J
SELENIUM	mg/kg	0.48	0.47	0.57	0.73	0.5	0.49	0.41	0.76	0.27	0.68	0.53	0.87	0.82	0.72	0.63
SILVER	mg/kg	1.2U	1.2U	1.2U	1U	1.1U	1U	1U	1U	1U	1.3UJ	1.1UJ	1.1UJ	1.1UJ	1.1UJ	1.2UJ
SODIUM	mg/kg	240U	230U	121UJ	200U	230U	210U	210U	200U	210U	250U	220U	210U	220U	220U	240U
THALLIUM	mg/kg	0.97UJ	0.93UJ	0.94UJ	0.81UJ	0.9UJ	0.83UJ	0.84UJ	0.81UJ	0.82UJ	1UJ	0.86UJ	0.84UJ	0.87UJ	0.87UJ	0.97UJ
VANADIUM	mg/kg	21.6	13.5	22.7	28.2	26.8	18	15.4	24.3	16.4	26.1	31.5	33.5	32.4	31.7	35.4
ZINC	mg/kg	28	16.4	37.1	50.3	41.6	23.3	21.6	45	15.8	37.2	38.1	41.2	43.5	40.1	57.8
General Chemistry																
MOISTURE (ASTM D 2216)	%	17.4	14	15	0.76	11.4	3.7	4.3	1.6	3	21	7.4	5.3	7.7	8.4	17.2
pH (EPA Method 9045)	pH	7.78	8.26	10.5	7.82	8.26	8.18	8.3	8.01	8.68	9.21	7.94	7.99	8.3	8	8.12