Table 1. SOUTHWEST PLUME RDSI CHARACTERIZATION DATA
DRAFT Final and Preliminary Soil Analytical Data (SWMU - 1 C-747-C Oil Landfarm)

Boring ID	Date of (collection)	Depth bgs	Actual Sample Depth bgs (ft)	PID (ppb)	TCE (µg/Kg) Preliminary Reported	TCE Preliminary Average[1,2]	TCE Draft Final Reported	TCE Qual[8]	TCE Draft Final Average[9]	cis-1,2-DCE (µg/Kg) Reported	cis Preliminary Average[1,2]	cis Draft Final Reported	cis Qual[8]	cis Draft Final Average[9]	trans-1,2-DCE (µg/Kg) Reported	trans Preliminary Average[1,2]	trans Draft Final Reported	trans Qual[8]	trans Draft Final Average[9]	VC (µg/Kg) Reported	VC Preliminary Average[1,2]	VC Draft Final Reported	VC Qual[8]	VC Draft Final Average[9]	1,1 DCE (µg/Kg) Reported	1,1 DCE Preliminary Average[1,2]	1,1 DCE Draft Final Reported	1,1 DCE Qual[8]	1,1 DCE Draft Final Average[9]
Oil Landfarm UCRS Soil Cleanup Level (µg/Kg)					73					600					1080					34					130				
001-311	7/20/2012	5	NA	0	120	120	140		140	ND	0.24	0.56	U	0.28	ND	0.375	0.44	U	0.22	ND	0.17	0.4	U	0.2	ND	0.65	1.5	U	0.75
		10	8.0	200	290	290	350		350	ND	4.3	10	U	5	ND	3.35	8.2	U	4.1	ND	11.5	28	U	14	ND	10	24	U	12
		15	13.0	437	1100	1100	1300		1300	ND	4.3	10	U	5	ND	3.35	7.8	U	3.9	ND	11.5	27	U	13.5	ND	10	23	U	11.5
		20	15.5	399	670	670	770		770	ND	3.9	8.9	U	4.45	ND	3.05	7	U	3.5	ND	10.5	24	U	12	ND	9	21	U	10.5
		25	20.5	56	540	540	590		590	ND	3.8	8.3	U	4.15	ND	3	6.5	U	3.25	ND	10	22	U	11	ND	9	19	U	9.5
		30	27.0	1,717	5300	5300	6300		6300	360	360	430		430	ND	3.4	8.1	U	4.05	ND	11.5	28	U	14	ND	10	24	U	12
		35	34.9	19,820	6900	6900	8300		8300	420	420	510		510	ND	6.5	7.9	U	39.5	ND	11	27	U	13.5	ND	9.5	23	U	11.5
		40	35.1	2,650	4600	4600	5500		5500	310	310	370		370	ND	3.05	7.4	U	3.7	ND	10.5	25	U	12.5	ND	9	22	U	11
	7/23/2012	45	40.5	9,280	2100	2100	2400		2400	130	130	160	J	160	ND	3.2	7.5	U	3.75	ND	11	25	U	12.5	ND	9.5	22	U	11
		45D[3]	40.5	9,280	1000		1200			78		91	J		ND		7.4	U		ND		25	U		ND		22	U	
		50	47.0	676	1200	1200	1400		1400	31	31	36	J	36	ND	3.05	7.2	U	3.6	ND	10.5	25	U	12.5	ND	9	22	U	11
		55	54.0	899	950	950	1100		1100	42	42	50	J	50	ND	3.45	8.4	U	4.2	ND	12	28	U	14	ND	10.5	25	U	12.5
		60	57.5	982	1300	1300	1500		1500	72	72	85	J	85	ND	3.3	7.8	U	3.9	ND	11.5	27	U	13.5	ND	10	23	U	11.5
		Prelim. Borehole Average Analytical Value (0-60')				2089			2471		115			138		3			6		10			12		9			10
001-310	7/23/2012	5	3.5	0	5.8	5.8	6.3	J	6.3	ND	0.2505	0.56	U	0.28	ND	0.4	0.87	U	0.435	ND	0.18	0.4	U	0.2	ND	0.7	1.5	U	0.75
		10	9.9	1,556	840	840	1000		1000	460	460	540		540	ND	3.4	8	U	4	ND	11.5	27	U	13.5	ND	10	24	U	12
		15	12.0	3,408	7100	7100	8300		8300	2600	2600	3000		3000	ND	3.25	7.7	U	3.85	58	58	26	U	13	21	21	23	U	11.5
		20	16.0	312,000	890000	890000	960000		960000	ND	1300	2900	U	1450	ND	1050	2200	U	1100	ND	3500	7600	U	3800	ND	3050	6700	U	3350
		25	20.1	2,415	2900	2900	3300		3300	250	250	280		280	ND	3.5	7.8	U	3.8	ND	12	27	U	13.5	ND	10.5	23	U	11.5
	7/24/2012	30	29.5	41,290	380000	380000	440000		440000	ND	200	460	U	230	ND	155	360	U	180	ND	500	1200	U	600	ND	460	1100	U	550
		35	31.5	8,271	20000	20000	24000		24000	810	810	960	J	960	ND	23.5	32	U	16	ND	45.5	110	U	55	ND	40	94	U	47
		40	37.0	29,230	23000	23000	28000		28000	1300	1300	1500	J	1500	ND	33.5	81	U	40.5	ND	115	280	U	140	ND	100	240	U	120
		45	44.5	28,180	33000	33000	40000		40000	1500	1500	1800		1800	ND	18	42	U	21	ND	60	140	U	70	ND	55	130	U	65
		50	47.5	21,170	37000	37000	45000		45000	1300	1300	1600		1600	ND	17	41	U	20.5	ND	55	140	U	70	ND	50	120	U	60
		55	50.1	24,140	37000	37000	44000		44000	1500	1500	1800		1800	ND	17	40	U	20	ND	55	140	U	70	ND	50	120	U	60
		60	55.1	36,120	2400	2400	2800		2800	ND	4.85	11	U	5.5	ND	3.75	8.6	U	4.3	ND	13	29	U	24.5	ND	11	26	U	13
		Prelim. Borehole Average Analytical Value (0-60')				119437			133034		935			1097		111			118		369			406		322			358
001-309	7/24/2012	5	4.0	0	19	19	22		22	ND	0.25	0.59	U	0.295	ND	0.395	0.92	U	0.455	ND	0.18	0.42	U	0.21	ND	0.7	1.6	U	0.8
		10	7.5	0	28	28	34		34	11	11	14		14	ND	0.38	0.92	U	0.455	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		15	12.5	0	16	16	19		19	4.9	4.9	5.9	J	5.9	ND	0.18	0.91	U	0.455	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		15D[3]	17.0	0	14		17			4.7		5.7	J		ND		0.92	U		ND		0.42	U		ND		1.6	U	
		20	17.0	28,100	2.6	2.6	2.9	J	2.9	0.6	0.6	0.67	J	0.67	ND	0.47	1	U	0.5	ND	0.215	0.48	U	0.24	ND	0.8	1.8	U	0.9
		25	22.5	2,402	3600	3600	4100		4100	1700	1700	1900		1900	ND	3.3	7.5	U	3.75	ND	11	26	U	13	ND	10	22	U	11
	7/25/2012	30	25.1	161	3800	3800	3800		3800	1700	1700	1700		1700	ND	3.35	6.7	U	3.35	ND	11.5	23	U	11.5	ND	10	20	U	10
		35	31.5	2,407	3700	3700	3700		3700	1300	1300	1300		1300	ND	3.25	6.5	U	3.25	ND	11	22	U	11	ND	10	20	U	10
		40	35.1	1,452	2600	2600	2600		2600	820	820	820		820	ND	3.05	6.1	U	3.5	ND	10.5	21	U	10.5	ND	9	18	U	9
		45	40.5	6,070	2100	2100	2100		2100	950	950	950		950	ND	3.15	6.3	U	3.15	ND	10.5	21	U	10.5	ND	9.5	19	U	9.5
		50	45.5	1,670	2500	2500	2500		2500	860	860	860		860	ND	3.15	6.3	U	3.15	ND	11	22	U	11	ND	9.5	19	U	9.5
		55	52.5	1,838	2500	2500	2500		2500	440	440	440		440	ND	3.3	6.6	U	3.3	ND	11	22	U	11	ND	10	20	U	10
		60	59.5	4,340	2000	2000	2000		2000	670	670	670		670	ND	3.4	6.8	U	3.4	ND	11.5	23	U	11.5	ND	10	20	U	10
		Prelim. Borehole Average Analytical Value (0-60')				1905			1948		705			722		2			2		7			8		7			7
001-304	7/26/2012	5	3.5	0	ND	0.18	0.4	U	0.2	ND	0.275	0.61	U	0.305	ND	0.43	0.96	U	0.48	ND	0.195	0.44	U	0.22	ND	0.75	1.6	U	0.8
		10	9.5	292	0.52	0.52	0.61	J	0.61	30	30	35		35	ND	0.38	0.89	U	0.445	3.2	3.2	3.8	J	3.8	ND	0.65	1.5	U	0.75
		15	14.9	9,209	1900	1900	2300		2300	360	360	440		440	ND	3.7	8.9	U	4.45	ND	12.5	30	U,*	15	ND	11	27	U	13.5
		20[10]	15.1	1,508	2300	2300	780		780	350	350	190	J	190	ND	0.41	0.92	U	0.46	9.4	9.4	11		11	2.7	2.7	3	J	3
		25	21.0	473	3.7	3.7	4.2	J	4.2	3	3	3.5	J	3.5	ND	0.37	0.84	U	0.42	ND	0.17	0.38	U	0.19	ND	0.65	1.4	U	0.7
		30	26.5	0	62	62	64		64	53	53	58		58	ND	0.355	1.1	U	0.55	3.7	3.7	4.7	J	4.7	ND	0.6	1.9	U	0.95
		35	30.5	527	50	50	130		130	44	44	110		110	ND	0.365	1.1	U	0.55	2.3	2.3	7.4	J	7.4	ND	0.65	1.9	U	0.95
		35D[3]	30.5	527	51		60			47		55			ND		0.84	U		2.3		2.7	J		ND		1.4	U	
		40	36.5	22	210	210	240		240	110	110	9.3	U	4.65	ND	0.36	7.2	U	3.6	ND	11	25	U,*	12.5	ND	9.5	22	U	11
		45	42.5	0	ND		15	U	7.5	ND	3.95	9.1	U	0.455	ND	3.1	7.1	U	3.55	ND	10.5	24	U,*	12	ND	9	21	U	10.5
		50	46.5	611	390	390	240		240	170	170	190	J	190	ND	4	8.7	U	4.35	ND	13.5	30	U,*	15	ND	12	26	U	13
		55	50.1	1,250	680	680	770		770	280	280	320		320	ND	3.4	7.8	U	3.9	ND	11.5	26	U,*	13	ND	10	23	U	11.5
		60	55.1	246	680	680	820		820	260	260	310		310	ND	3.7	8.9	U	4.45	ND	12.5	30	U,*	15	ND	11	26	U	13
		Prelim. Borehole Average Analytical Value (0-60')				571			446		139			138		2			2		8			9		6			7
001-312	7/26/2012	5	3.5	0	ND	0.205	0.45	U	0.225	ND	0.31	0.7	U	0.35	ND	0.49	1.1	U	0.55	ND	0.225	0.5	U	0.25	ND	0.85	1.9	U	0.95
		10	9.5	0	ND	0.165	0.39	U	0.195	ND	0.25	0.6	U	0.3	ND	0.395	0.93	U	0.465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		15	12.5	0	0.78	0.78	0.94	U	0.47	ND	0.255	0.61	U	0.305	ND	0.4	0.96	U	0.49	ND	0.185	0.44	U	0.22	ND	0.7	1.6	U	0.8
		20	17.0	0	5.6	5.6	6.2	J	6.2	0.79	0.79	0.88	J	0.88	ND	0.4	0.89	U	0.445	ND	0.185	0.41	U	0.205	ND	0.7	1.5	U	0.75
		25	21.5	0	ND	0.19	0.41	U	0.205	ND	0.29	0.63	U	0.315	ND	0.455	0.98	U	0.49	ND	0.41	0.45	U	0.225	ND	0.8	1.7	U	0.85
		30	26.5	0	9.4	9.4	11		11	1.8	1.8	2.1	J	2.1	ND	0.365	0.84	U	0.42	ND	0.165	0.38	U	0.19	ND	0.65	1.4	U	0.7
		35	31.5	0	67	67	80		80	12	12	15		15	ND	0.38	0.91	U	0.455	ND	0.175	0.41	U	0.205	3.7	3.7	4.4	J	4.4
		40	39.0	0	80	80	95		95	14	14	16		16	ND	0.395	0.94	U	0.47	ND	0.18	0.43	U	0.215	4.7	4.7	5.6	J	5.6
		45	43.0	0	32	32	38		38	6.4	6.4	7.6	J	7.6	ND	0.415	0.98	U	0.49	ND	0.19	0.45	U	0.225	1.9	1.9	2.3	J	2.3
		50	49.9	0	4.5	4.5	5.3	J	5.3	1	1	1.2	J	1.2	ND	0.36	0.84	U	0.42	ND	0.165	0.38	U	0.19	ND	0.6	1.4	U	0.7
		55	54.5	0	58	58	69		69	11	11	13		13	ND	0.37	0.87	U	0.435	ND	0.17	0.4	U	0.2	3.2	3.2	3.8	J	3.8
		60	55.5	0	56	56	65		65	10	10	12		12	ND	0.38	0.89	U	0.445	ND	0.175	0.41	U	0.205	2.7	2.7	3.1	J	3.1

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DRAFT Final and Preliminary Soil Analytical Data (SWMU - 1 C-747-C Oil Landfarm)

Boring ID	Date of (collection)	Depth bgs	Actual Sample Depth bgs (ft)	PID (ppb)	TCE (µg/Kg) Preliminary Reported	TCE Preliminary Average[1,2]	TCE Draft Final Reported	TCE Qual[8]	TCE Draft Final Average[9]	cis-1,2-DCE (µg/Kg) Reported	cis-1,2-DCE Preliminary Average[1,2]	cis-1,2-DCE Draft Final Reported	cis-1,2-DCE Qual[8]	cis-1,2-DCE Draft Final Average[9]	trans-1,2-DCE (µg/Kg) Reported	trans-1,2-DCE Preliminary Average[1,2]	trans-1,2-DCE Draft Final Reported	trans-1,2-DCE Qual[8]	trans-1,2-DCE Draft Final Average[9]	VC (µg/Kg) Reported	VC Preliminary Average[1,2]	VC Draft Final Reported	VC Qual[8]	VC Draft Final Average[9]	1,1 DCE (µg/Kg) Reported	1,1 DCE Preliminary Average[1,2]	1,1 DCE Draft Final Reported	1,1 DCE Qual[8]	1,1 DCE Draft Final Average[9]
Oil Landfarm UCRS Soil Cleanup Level (µg/Kg)					**73**					**600**					**1080**					**34**					**130**				
		Prelim. Borehole Average Analytical Value (0-60')				26			31		5			6		0			0		0			0		2			2
001-315	7/27/2012	5	4.0	0	ND	0.195	0.42	U	0.21	ND	0.3	0.65	U	0.325	ND	0.47	1	U	0.5	ND	0.215	0.46	U	0.23	ND	0.8	1.7	U	0.85
		10	7.5	0	ND	0.175	0.42	U	0.21	ND	0.265	0.64	U	0.32	ND	0.415	1	U	0.5	ND	0.19	0.46	U	0.23	ND	0.7	1.7	U	0.85
		15	14.5	0	1.9	1.9	2.2	J	2.2	ND	0.255	0.56	U	0.28	ND	0.385	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		20	16.5	0	11	11	12		12	0.66	0.66	0.74	J	0.74	ND	0.35	0.78	U	0.39	ND	0.16	0.36	U	0.18	ND	0.6	1.3	U	0.65
		20D[3]	16.5	0	11		12			0.69		0.87	J		ND		0.81	U				0.37	U		U		1.4	U	
		25	23.0	92	4100	4100	5000		5000	260	260	310		310	ND	3.4	8.3	U	4.15	ND	11.5	28	U	14	ND	10	25	U	12.5
		30	25.1	1,978	3400	3400	4100		4100	220	220	260		260	ND	0.325	7.9	U	3.95	ND	11	27	U	13.5	ND	10	23	U	11.5
		35	33.5	15,018	3500	3500	4300		4300	300	300	370		370	ND	3.5	8.5	U	4.25	ND	12	29	U	14.5	ND	10.5	25	U	12.5
		40	35.5	9,630	2100	2100	2400		2400	200	200	230		230	ND	3.15	7.3	U	0.365	ND	10.5	25	U	12.5	ND	9.5	22	U	11
		45	40.1	15,100	4200	4200	5100		5100	370	370	440		440	ND	3.45	8.3	U	4.15	ND	12	28	U	14	ND	10.5	25	U	12.5
		50	45.1	4,920	4000	4000	4900		4900	360	360	440		440	ND	3.4	8.3	U	4.15	ND	11.5	28	U	14	ND	10	25	U	12.5
		55	50.1	10,700	2800	2800	3200		3200	250	250	290		290	ND	4.05	9.4	U	4.95	ND	13.5	32	U	16	ND	12	28	U	14
		60	59.5	4,708	400	400	4600		460	ND	4.8	11	U	5.5	ND	3.75	8.5	U	4.2	ND	12.5	29	U	14.5	ND	11	25	U	12.5
		65	62.5	3,487	2500	2500	2900		2900	120	120	130	J	130	ND	4.05	9.2	U	4.6	ND	14	31	U	15.5	ND	12	28	U	14
		Prelim. Borehole Average Analytical Value (0-60')				2078			2490		160			191		2			3		8			10		8			9
001-318	7/30/2012	5	3.0	0	ND	0.195	0.36	U	0.18	ND	0.3	0.56	U	0.28	ND	0.47	0.87	U	0.435	ND	0.225	0.4	U	0.2	ND	0.8	1.5	U	0.75
		10	9.0	0	ND	0.195	0.41	U	0.205	ND	0.3	0.63	U	0.315	ND	0.47	0.99	U	0.495	ND	0.215	0.45	U	0.225	ND	0.8	1.7	U	0.85
		15	13.0	0	ND	0.195	0.36	U	0.18	ND	0.3	0.55	U	0.275	ND	0.47	0.86	U	0.43	ND	0.415	0.39	U	0.195	ND	0.8	1.5	U	0.75
		20	19.0	0	ND	0.195	0.34	U	0.17	ND	0.3	0.53	U	0.265	ND	0.47	0.82	U	0.41	ND	0.215	0.38	U	0.19	ND	0.8	1.4	U	0.7
		20D[3]	19.0	0	ND		0.34	U		ND		0.52	U		ND		0.81	U		ND		0.37	U		ND		1.4	U	
		25	20.5	553	0.55	0.55	0.33	U	0.165	0.66	0.66	0.51	U	0.255	ND	0.47	0.8	U	0.4	ND	0.215	0.37	U	0.185	ND	0.8	1.4	U	0.7
		30	29.0	0	110	110	65		65	67	67	47		47	ND	0.47	0.86	U	0.43	ND	0.215	0.39	U	0.195	3.3	3.3	2.4	J	2.4
		35	34.0	24	170	170	200	J	200	160	160	190	J	190	ND	3.4	8.2	U	4.1	ND	11.5	28	U,*	14	ND	10	24	U	12
		40[5]	35.5	58	170	170	190	J	190	160	160	190	J	190	ND	3.4	8.4	U	4.2	ND	11.5	29	U	1.45	ND	10	25	U	12.5
		45	41.0	4	110	110	61		61	64	64	44		44	ND	0.47	1	U	0.5	0.94	0.94	0.46	U	0.23	5.5	5.5	3.5	J	3.5
		50	46.0	16	29	29	19		19	8.2	8.2	5.9	J	5.9	ND	0.47	0.95	U	0.475	ND	0.215	0.43	U	0.215	2.3	2.3	1.9	J	1.9
		55	50.5	0	7.4	7.4	6.4	J	6.4	1.8	1.8	1.6	J	1.6	ND	0.47	0.82	U	0.41	ND	0.215	0.37	U	0.185	ND	0.8	1.4	U	0.7
		60	56.5	0	24	24	22		22	24	24	22		22	ND	0.47	0.89	U	0.445	ND	0.215	0.41	U	0.205	ND	0.8	1.5	U	0.75
		Prelim. Borehole Average Analytical Value (0-60')				52			47		41			42		1			1		2			1		3			3
001-317	7/30/2012	5	3.7	0	ND	0.195	0.41	U	0.205	ND	0.3	0.63	U	0.315	ND	0.47	0.99	U	0.495	ND	0.215	0.45	U	0.225	ND	0.8	1.7	U	0.85
		10	8.5	0	4.5	4.5	4.6	J	4.6	2.3	2.3	2.3	J	2.3	ND	0.47	0.94	U	0.47	ND	0.215	0.43	U	0.215	ND	0.8	1.6	U	0.8
		15	12.0	0	7.9	7.9	7.8	J	7.8	6.2	6.2	6.1	J	6.1	ND	0.47	0.93	U	0.465	ND	0.215	0.43	U	0.215	ND	0.8	1.6	U	0.8
		20	15.5	0	9	9	7.9	J	7.9	11	11	9.7		9.7	ND	0.47	0.83	U	0.415	ND	0.215	0.38	U	0.19	ND	0.8	1.4	U	0.7
		25	21.0	2,176	11	11	6.6	J	6.6	27	27	17		17	ND	0.47	0.93	U	0.465	ND	0.215	0.42	U	0.21	ND	0.8	1.6	U	0.8
		30	29.9	506	190	190	240	J	240	350	350	420		420	ND	0.47	8.2	U	4.1	10	10	28	U	14	3.4	3.4	24	U	12
		35	30.5	895	140	140	230	J	230	250	250	440		440	ND	0.47	8	U	4	7	7	27	U	13.5	2.7	2.7	24	U	12
		40	38.5	2,607	3.5	3.5	3.4	J	3.4	2.4	2.4	2.3	J	2.3	ND	0.47	0.91	U	0.455	ND	0.215	0.42	U	0.21	2.7	2.7	1.6	U	0.8
		45	40.5	450	92	92	150		150	100	100	180		180	ND	0.47	0.99	U	0.495	ND	0.215	0.45	U	0.225	4.3	4.3	8.2	J	4.1
		50	47.0	4,926	87	87	93		93	37	37	40		40	ND	0.47	1	U	0.5	ND	0.215	0.46	U	0.23	5.1	5.1	5.5	J	5.5
		55	50.1	328	ND	0.195	0.36	U	0.18	ND	0.3	0.55	U	0.275	ND	0.47	0.86	U	0.43	ND	0.215	0.4	U	0.2	ND	0.8	1.5	U	0.75
		60	56.0	0	29	29	28		28	8.1	8.1	7.8	J	7.8	ND	0.47	0.9	U	0.45	ND	0.215	0.41	U	0.205	ND	0.8	1.5	U	0.75
		Prelim. Borehole Average Analytical Value (0-60')				48			64		66			94		0			1		2			2		2			3
001-316	7/31/2012	5	4.9	1,196	ND	0.165	0.33	U	0.165	ND	0.255	0.51	U	0.255	ND	0.4	0.8	U	0.4	ND	0.185	0.37	U	0.185	ND	0.7	1.4	U	0.7
		10	6.0	4,003	ND	0.165	0.33	U	0.165	ND	0.25	0.5	U	0.25	ND	0.395	0.79	U	0.395	ND	0.18	0.36	U	0.18	ND	0.65	1.3	U	0.65
		10D[3]	6.0	4,003	ND		0.38	U		ND	0.255	0.58	U		ND	0.4	0.91	U		ND	0.85	0.42	U		ND	0.7	1.6	U	
		15	10.1	6,571	ND	0.155	0.33	U	0.165			0.51	U	0.255			0.8	U	0.4			0.37	U	0.185			1.4	U	0.7
		20	17.0	0	ND	0.155	0.31	U	0.155	4.8	4.8	4.8	J	4.8	ND	0.37	0.74	U	0.37	1.3	1.3	1.3	J	1.3	ND	0.65	1.3	U	0.65
		25	23.0	9,091	320	320	320		320	430	430	430		430	ND	3.85	7.7	U	0.385	ND	13	26	U	13	ND	11.5	23	U	11.5
		30	29.9	6,875	2400	2400	2400		2400	1200	1200	1200		1200	ND	3.3	6.6	U	3.3	ND	11.5	23	U	11.5	ND	10	20	U	10
		35	31.5	4,443	2900	2900	2900		2900	1300	1300	1300		1300	ND	3.5	7	U	3.5	ND	12	24	U	12	ND	10.5	21	U	10.5
		40	35.5	8,915	1500	1500	1500		1500	410	410	410		410	ND	3.3	6.6	U	3.3	ND	11	22	U	11	ND	10	20	U	10
		45	41.0	2,242	12	12	12		12	3.6	3.6	3.6	J	3.6	ND	0.41	0.82	U	0.41	ND	0.185	0.37	U	0.185	ND	0.7	1.4	U	0.7
		50	46.5	14	52	52	52		52	7.7	7.7	7.7	J	7.7	ND	0.415	0.83	U	0.415	ND	0.19	0.38	U	0.19	2.1	2.1	2.1	J	2.1
		55	54.0	0	6	6	6	J	6	0.59	0.59	0.59	J	0.59	ND	0.39	0.78	U	0.39	ND	0.18	0.36	U	0.18	ND	0.65	1.3	U	0.65
		60	57.0	0	14	14	14		14	1.4	1.4	1.4	J	1.4	ND	0.415	0.83	U	0.415	ND	0.19	0.38	U	0.19	ND	0.7	1.4	U	0.7
		Prelim. Borehole Average Analytical Value (0-60')				600			600		280			280		1			1		4			4		4			4
001-314	7/31/2012	5	3.0	0	ND	0.175	0.35	U	0.175	ND	0.27	0.54	U	0.27	ND	0.42	0.84	U	0.42	ND	0.19	0.38	U	0.19	ND	0.7	1.4	U	0.7
		10	7.0	0	1.3	1.3	1.3	J	1.3	ND	0.265	0.53	U	0.265	ND	0.41	0.82	U	0.41	ND	0.19	0.38	U	0.19	ND	0.7	1.4	U	0.7
		15	14.0	0	1.8	1.8	1.8	J	1.8	ND	0.245	0.49	U	0.245	ND	0.38	0.76	U	0.38	ND	0.175	0.35	U	0.175	ND	0.65	1.3	U	0.65
		20	19.0	0	ND	0.18	0.36	U	0.18	ND	0.275	0.55	U	0.275	ND	0.435	0.87	U	0.435	ND	0.2	0.4	U	0.2	ND	0.75	1.5	U	0.75
		25	21.5	0	13	13	13		13	8.4	8.4	8.4		8.4	ND	0.375	0.75	U	0.375	ND	0.17	0.34	U	0.17	ND	0.65	1.3	U	0.65
		30	28.5	5,709	ND	0.75	200	J	200	81	81	110	J	110	ND	3.55	8.3	U	4.15	ND	12	28	U	14	ND	10.5	25	U	12.5
		35	32.0	695	220	220	220		220	120	120	120	J	120	ND	3.2	6.4	U	3.2	ND	11	22	U	11	ND	9.5	19	U	9.5
		40	36.5	511	240	240	270		270	ND	4.3	9.7	U	4.85	ND	3.35	7.6	U	3.8	ND	11.5	26	U	13	ND	10	23	U	11.5
		45	44.0	883	790	790	950		950	540	540	640		640	ND	3.45	8.2	U	4.1	ND	11.5	28	U	14	ND	10	24	U	12
		50	49.0	732	850	850	1000		1000	570	570	700		700	ND	3.5	8.4	U	4.2	ND	12	29	U	14.5	ND	10.5	25	U	12.5

Table 1. SOUTHWEST PLUME RDSI CHARACTERIZATION DATA
DRAFT Final and Preliminary Soil Analytical Data (SWMU - 1 C-747-C Oil Landfarm)

Boring ID	Date of (collection)	Depth bgs	Actual Sample Depth bgs (ft)	PID (ppb)	TCE (µg/Kg) Preliminary Reported	TCE Preliminary Average[1,2]	TCE Draft Final Reported	TCE Qual[8]	TCE Draft Final Average[9]	cis-1,2-DCE (µg/Kg) Reported	cis-1,2-DCE Preliminary Average[1,2]	cis-1,2-DCE Draft Final Reported	cis-1,2-DCE Qual[8]	cis-1,2-DCE Draft Final Average[9]	trans-1,2-DCE (µg/Kg) Reported	trans-1,2-DCE Preliminary Average[1,2]	trans-1,2-DCE Draft Final Reported	trans-1,2-DCE Qual[8]	trans-1,2-DCE Draft Final Average[9]	VC (µg/Kg) Reported	VC Preliminary Average[1,2]	VC Draft Final Reported	VC Qual[8]	VC Draft Final Average[9]	1,1 DCE (µg/Kg) Reported	1,1 DCE Preliminary Average[1,2]	1,1 DCE Draft Final Reported	1,1 DCE Qual[8]	1,1 DCE Draft Final Average[9]
Oil Landfarm UCRS Soil Cleanup Level (µg/Kg)						**73**					**600**					**1080**					**34**					**130**			
		55	50.1	2,451	440	440	510		510	230	230	270		270	ND	3.35	7.8	U	0.39	ND	11.5	27	U	13.5	ND	10	23	U	11.5
		60	57.5	1,846	180	180	210	J	210	ND	4.4	10	U	5	ND	3.4	7.9	U	3.95	ND	11.5	27	U	13.5	ND	10	24	U	12
		65	60.5	137	350	350	410		410	170	170	200	J	200	ND	3.45	8	U	4	ND	11.5	27	U	13.5	ND	10.5	24	U	12
		Prelim. Borehole Average Analytical Value (0-60')				237			291		133			158		2			2		7			8		6			7
001-307	8/1/2012	5	4.5	0	ND	0.155	0.36	U	0.18	ND	0.24	0.56	U	0.28	ND	0.375	0.87	U	0.435	ND	0.17	0.4	U	0.2	ND	0.65	1.5	U	0.75
		10	8.0	0	ND	0.16	0.39	U	0.195	ND	0.245	0.6	U	0.3	ND	0.385	0.94	U	0.47	ND	0.175	0.43	U	0.215	ND	0.65	1.6	U	0.75
		10D[3]	8.0	0	ND		0.42	U		ND		0.64	U		ND		1	U		ND		0.46	U		ND		1.7	U	
		15	12.5	0	ND	0.17	0.41	U	0.205	ND	0.26	0.63	U	0.315	ND	0.41	0.98	U	0.49	ND	0.19	0.45	U	0.225	ND	0.7	1.7	U	0.85
		20	18.0	0	ND	0.16	0.37	U	0.185	ND	0.25	0.57	U	0.285	ND	0.39	0.9	U	0.45	ND	0.18	0.41	U	0.205	ND	0.65	1.5	U	0.75
		25	23.5	0	ND	0.16	0.34	U	0.17	ND	0.24	0.53	U	0.265	ND	0.38	0.83	U	0.415	ND	0.175	0.38	U	0.19	ND	0.65	1.4	U	0.7
		30	26.0	0	0.98	0.98	1.2	J	1.2	1.8	1.8	2.1	J	2.1	ND	0.395	0.93	U	0.465	ND	0.18	0.43	U	0.215	8.4	8.4	2.7	J	2.7
		35	33.0	0	0.83	0.83	0.97	J	0.97	1.4	1.4	1.7	J	1.7	ND	0.395	0.93	U	0.465	ND	0.18	0.43	U	0.215	1.9	1.9	2.3	J	2.3
		40	37.0	0	ND	0.175	0.4	U	0.2	ND	0.275	0.61	U	0.305	ND	0.435	0.95	U	0.475	ND	0.195	0.44	U	0.22	ND	0.75	1.6	U	0.8
		45	43.0	0	7.2	7.2	8.4	J	8.4	3	3	3.5	J	3.5	ND	0.37	0.86	U	0.43	ND	0.17	0.39	U	0.195	2.1	2.1	2.4	J	2.4
		50	48.5	0	5.8	5.8	6.9	J	6.9	4.2	4.2	4.9	J	4.9	ND	0.39	0.91	U	0.455	ND	0.175	0.42	U	0.21	2.7	2.7	3.2	J	3.2
		55	52.5	0	7.1	7.1	8.3	J	8.3	4.4	4.4	5.1	J	5.1	ND	0.38	0.89	U	0.445	ND	0.175	0.41	U	0.205	3.5	3.5	4.1	J	4.1
		60	57.5	0	7.2	7.2	8.5	J	8.5	4.1	4.1	4.8	J	2.4	ND	0.385	0.91	U	0.455	ND	0.175	0.42	U	0.21	2.9	2.9	3.4	J	1.7
		Prelim. Borehole Average Analytical Value (0-60')				3			3		2			2		0			0		0			0		2			2
001-308	8/1/2012	5	4.9	0	ND	0.165	0.41	U	0.205	ND	0.155	0.62	U	0.31	ND	0.4	0.98	U	0.49	ND	0.185	0.45	U	0.225	ND	0.7	1.7	U	0.85
		10	9.0	0	2.3	2.3	2.7	J	2.7	ND	0.26	0.63	U	0.315	ND	0.41	0.99	U	0.495	ND	0.185	0.45	U	0.225	ND	0.7	1.7	U	0.85
		15	12.5	0	2.4	2.4	2.8	J	2.8	ND	0.24	0.56	U	0.28	ND	0.38	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		20	16.0	0	5.1	5.1	5.8	J	5.8	1	1	1.2	J	1.2	ND	0.34	0.78	U	0.39	ND	0.155	0.36	U	0.19	ND	0.6	1.3	U	0.65
		20D[3]	16.0	0	2.2		2.6	J		ND		0.58	U		ND		0.9	U		ND		0.41	U		ND		1.5	U	
		25	23.5	0	38	38	45		45	15	15	18		18	ND	0.34	0.93	U	0.465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		30	29.5	659	270	270	310		310	66	66	76	J	76	ND	3.4	7.7	U	3.65	ND	11.5	26	U	13	ND	10	23	U	11.5
		35	34.0	5,998	0.66	0.66	0.74	J	0.74	ND	0.245	0.56	U	0.28	ND	0.385	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		40	37.0	1,192	ND	0.4	0.44	U	0.22	ND	0.31	0.68	U	0.34	ND	0.485	1.1	U	0.55	ND	0.22	0.49	U	0.245	ND	0.85	1.8	U	0.9
		45	44.9	69	410	410	490		490	120	120	150	J	150	ND	3.55	8.4	U	4.2	ND	12	29	U	14.5	ND	10.5	25	U	12.5
		50	48.5	0	190	190	230	J	230	49	49	59	J	59	ND	3.35	8.1	U	4.05	ND	11.5	28	U	14	ND	10	24	U	12
		55	54.9	150	210	210	250		250	58	58	68	J	68	ND	3.2	7.6	U	3.8	ND	11	26	U	13	ND	9.5	23	U	11.5
		60	58.5	500	180	180	200		200	38	38	42		42	ND	0.4	0.88	U	0.44	ND	0.18	0.4	U	0.2	ND	4.25	2.4	J	2.4
		Prelim. Borehole Average Analytical Value (0-60')				109			128		29			35		1			2		4			5		4			5
001-303	8/2/2012	5	4.0	0	ND	0.165	0.4	U	0.2	ND	0.255	0.62	U	0.31	ND	0.395	0.97	U	0.485	ND	0.18	0.44	U	0.22	ND	0.7	1.7	U	0.85
		10	9.0	0	4.3	4.3	5.2	J	5.2	ND	0.25	0.59	U	0.295	ND	0.39	0.92	U	0.46	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		15	14.5	0	15	15	17		17	6.5	6.5	7.5	J	7.5	ND	0.365	0.84	U	0.42	ND	0.165	0.38	U	0.19	ND	0.6	1.4	U	0.7
		20	19.5	0	0.38	0.38	0.43	J	0.43	ND	0.255	0.57	U	0.285	ND	0.4	0.9	U	0.45	ND	0.18	0.41	U	0.205	ND	0.7	1.5	U	0.75
		25	21.0	0	ND	0.16	0.36	U	0.18	ND	0.295	0.55	U	0.275	ND	0.385	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		30	27.5	0	2.5	2.5	3	J	3	1.3	1.3	1.6	J	1.6	ND	0.39	0.93	U	0.465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		35	34.5	12	0.36	0.36	0.41	J	0.41	0.93	0.93	1.1	J	1.1	ND	0.42	0.96	U	0.48	ND	0.19	0.44	U	0.22	ND	0.7	1.6	U	0.8
		40	39.9	281	290	290	340		340	180	180	210	J	210	ND	3.45	8.2	U	4.1	ND	12	28	U	14	ND	0.7	25	U	12.5
		45	43.5	2,016	290	290	340		340	190	190	220	J	220	ND	3.45	8.1	U	4.05	ND	12	28	U	14	ND	10.5	24	U	12
		50	49.5	530	430	430	510		510	240	240	280		280	ND	3.4	8	U	4	ND	11.5	27	U	13.5	ND	10	24	U	12
		55	50.1	5,530	25	25	29		29	20	20	23		23	ND	0.405	0.93	U	0.465	ND	0.185	0.43	U	0.215	ND	0.7	1.6	U	0.8
		60	58.5	8,551	680	680	19	U	9.5	320	320	11	U	5.5	ND	0.395	8.6	U	4.3	13	13	29	U	14.5	6.6	6.6	26	U	13
		Prelim. Borehole Average Analytical Value (0-60')				145			105		80			62		1			2		4			5		3			5
001-305	8/2/2012	5	4.5	0	2.9	2.9	3.6	J	3.6	ND	0.265	0.65	U	0.325	ND	0.425	1	U	0.5	ND	0.19	0.46	U	0.23	ND	0.7	1.7	U	0.755
		10	8.5	0	29	29	35		35	ND	0.24	0.57	U	0.285	ND	0.375	0.89	U	0.445	ND	0.175	0.41	U	0.205	ND	0.65	1.5	U	0.75
		15	14.0	0	45	45	54		54	2	2	2.4	J	2.4	ND	0.365	0.91	U	0.455	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		20	18.5	0	13	13	14		14	5.6	5.6	6.2	J	6.2	ND	0.365	0.81	U	0.405	ND	0.165	0.37	U	0.185	ND	0.65	1.4	U	0.7
		25	24.5	0	530	530	640		640	ND	4.45	11	U	5.5	ND	3.45	8.4	U	4.2	ND	12	28	U	14	ND	10.5	25	U	12.5
		30	25.1	246	130	130	160	J	160	ND	4.6	11	U	5.5	ND	3.6	8.6	U	4.3	ND	12	29	U	14.5	ND	10.5	26	U	13
		35	30.5	1,826	330	30	380		380	ND	4.2	9.8	U	4.9	ND	3.3	7.6	U	3.8	ND	11	26	U	13	ND	10	23	U	11.5
		40	39.9	870	1500	1500	1800		1800	ND	4.15	9.7	U	4.85	ND	3.25	7.6	U	3.8	ND	11	26	U	13	ND	9.5	23	U	11.5
		45	43.5	2,344	390	390	470		470	ND	4.3	10	U	5	ND	3.35	8.1	U	4.05	ND	11.5	27	U	13.5	ND	10	24	U	12
		50	45.5	28,514	3.5	3.5	4.1	J	4.1	ND	0.25	0.6	U	0.3	ND	0.395	0.94	U	0.47	ND	0.18	0.43	U	0.215	ND	0.7	1.6	U	0.8
		55	53.0	2,330	11	11	13		13	ND	0.26	0.61	U	0.305	ND	0.41	0.95	U	475	ND	0.19	0.44	U	0.22	ND	0.7	1.6	U	0.8
		60	55.1	224	160	160	190		190	3.5	3.5	4.1	U	2.05	ND	0.41	0.98	U	0.49	ND	0.19	0.45	U	0.225	ND	0.7	1.7	U	0.85
		Prelim. Borehole Average Analytical Value (0-60')				237			314		3			3		2			41		5			6		5			5
001-306	8/3/2012	5	3.5	0	ND	0.155	0.37	U	0.185	ND	0.24	0.56	U	0.28	ND	0.375	0.88	U	0.44	ND	0.17	0.4	U	0.2	ND	0.65	1.5	U	0.75
		5D[3]	3.5	0	ND		0.39	U		ND		0.6	U		ND		0.94	U		ND		0.43	U		ND		1.6	U	
		10	8.0	0	ND	0.165	0.4	U	0.2	ND	0.25	0.62	U	0.31	ND	0.39	0.96	U	0.48	ND	0.18	0.44	U	0.22	ND	0.65	1.7	U	0.85
		15	13.5	0	ND	0.155	0.37	U	0.185	ND	0.24	0.57	U	0.285	ND	0.375	0.89	U	0.445	ND	0.17	0.41	U	0.205	ND	0.65	1.5	U	0.75
		20	17.0	0	ND	0.16	0.35	U	0.175	ND	0.245	0.55	U	0.275	ND	0.38	0.85	U	0.425	ND	0.175	0.39	U	0.195	ND	0.65	1.5	U	0.75
		25	22.0	45	1.1	1.1	1.2	J	1.2	ND	0.23	0.5	U	0.25	ND	0.355	0.79	U	0.395	ND	0.165	0.36	U	0.18	ND	0.6	1.3	U	0.65
		30	25.1	1	30	30	36		36	1.5	1.5	1.8	J	1.8	ND	0.38	0.91	U	0.455	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		35	32.0	0	27	27	32		32	1.5	1.5	1.7	J	0.85	ND	0.405	0.96	U	0.48	ND	0.185	0.44	U	0.22	ND	0.7	1.6	U	0.8
		40	39.0	50	58	58	67		67	3.8	3.8	4.4	J	2.2	ND	0.385	0.88	U	0.44	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75

Table 1. SOUTHWEST PLUME RDSI CHARACTERIZATION DATA
DRAFT Final and Preliminary Soil Analytical Data (SWMU - 1 C-747-C Oil Landfarm)

Boring ID	Date of (collection)	Depth bgs	Actual Sample Depth bgs (ft)	PID (ppb)	TCE (µg/Kg) Preliminary Reported	TCE Preliminary Average[1,2]	TCE Draft Final Reported	TCE Qual[8]	TCE Draft Final Average[9]	cis-1,2-DCE (µg/Kg) Reported	cis-1,2-DCE Preliminary Average[1,2]	cis-1,2-DCE Draft Final Reported	cis-1,2-DCE Qual[8]	cis-1,2-DCE Draft Final Average[9]	trans-1,2-DCE (µg/Kg) Reported	trans-1,2-DCE Preliminary Average[1,2]	trans-1,2-DCE Draft Final Reported	trans-1,2-DCE Qual[8]	trans-1,2-DCE Draft Final Average[9]	VC (µg/Kg) Reported	VC Preliminary Average[1,2]	VC Draft Final Reported	VC Qual[8]	VC Draft Final Average[9]	1,1 DCE (µg/Kg) Reported	1,1 DCE Preliminary Average[1,2]	1,1 DCE Draft Final Reported	1,1 DCE Qual[8]	1,1 DCE Draft Final Average[9]
Oil Landfarm UCRS Soil Cleanup Level (µg/Kg)					**73**					**600**					**1080**					**34**					**130**				
		45	40.5	0	75	75	86		86	5.1	5.1	5.9	J	2.95	ND	0.365	0.84	U	0.42	ND	0.165	0.38	U	0.19	ND	0.65	1.4	U	0.7
		50	49.5	0	64	64	74	J	74	ND	4.35	10	U	5	ND	3.4	7.9	U	3.95	ND	11.5	27	U	13.5	ND	10	23	U	11.5
		55	53.0	1,215	37	37	43		43	3.1	3.1	3.6	J	1.8	ND	0.385	0.89	U	0.445	ND	0.175	0.41	U	0.205	ND	0.65	1.5	U	0.75
		60	56.0	39	110	110	130		130	7.9	7.9	9.4	J	4.7	ND	0.39	0.93	U	0.465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		Prelim. Borehole Average Analytical Value (0-60')				34			39		2			2		1			1		1			1		1			2
001-313	8/6/2012	5	3.5	227	21	21	24		24	ND	0.28	0.61	U	0.305	ND	0.44	0.96	U	0.48	ND	0.2	0.44	U	0.22	ND	0.75	1.6	U	0.8
		10	7.5	599	83	83	100		100	1.4	1.4	1.8	J	1.8	ND	0.385	0.94	U	0.47	ND	0.175	0.43	U	0.215	ND	0.65	1.6	U	0.8
		15	10.5	1,419	46	46	55		55	3.1	3.1	3.7	J	3.7	ND	0.385	0.92	U	0.46	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.817
		20	19.5	22,230	150	150	170		170	7.3	7.3	8.1	J	8.1	ND	0.38	0.85	U	0.425	ND	0.175	0.39	U	0.195	ND	0.65	1.4	U	0.7
		25	21.5	54,270	ND	7	15	U	7.5	ND	4.45	9.1	U	4.55	ND	3.3	7.1	U	3.55	ND	11.5	24	U	12	ND	10	21	U	21
		25D[3]	21.5	54,270	120					14					ND					ND					ND				
		30	28.0	31,310	12000	12000	14000		14000	950	950	1100		1100	ND	6.5	16	U	16	ND	22.5	53	U	53	ND	19.5	46	U	23
		35	33.5	58,714	15000	15000	18000		18000	1000	1000	1200		1200	ND	17	41	U	20.5	ND	60	140	U	70	ND	50	120	U	60
		40	35.1	70,550	12000	12000	14000		14000	770	770	900		900	ND	7	16	U	8	ND	23	54	U	27	ND	20.5	48	U	24
		45	40.1	17,730	900	900	1100		1100	ND	4.3	10	U	5	ND	3.35	8	U	4	ND	11.5	27	U	13.5	ND	10	24	U	12
		50	45.5	5,745	220	220	260		260	ND	4.25	9.9	U	4.95	ND	3.3	7.8	U	3.9	ND	11.5	26	U	13	ND	10	23	U	11.5
		55	52.0	4,187	ND	7.5	17	U	8.5	ND	4.3	9.8	U	4.9	nd	3.35	7.6	U	3.8	nd	11.5	26	U	13	ND	10	23	U	11.5
		60	55.1	2,749	12	12	14		14	ND	0.26	0.6	U	0.3	ND	0.405	0.93	U	0.465	ND	0.185	0.43	U	0.215	ND	0.7	1.6	U	0.8
		62.5	60.5	2796	640	640	760		760	ND	4.25	10	U	5	ND	3.3	7.9	U	3.95	ND	11	27	U	13.5	ND	10	23	U	11.5
		Prelim. Borehole Average Analytical Value (0-60')				3161			3731		212			249		4			5		13			17		11			14
001-319[4]	8/6/2012	5	4.5	0	ND	0.18	0.4	U	0.2			0.62	U	0.31			0.97	U	0.495			0.44	U	0.22			1.7	U	0.85
		10	9	0	ND	0.165	0.4	U	0.2	ND	0.255	0.61	U	0.305	ND	0.405	0.96	U	0.49	ND	0.185	0.44	U	0.22	ND	0.7	1.6	U	0.8
		15	11	0	0.98	0.98	1.2	J	1.2	ND	0.26	0.62	U	0.31	ND	0.41	0.98	U	0.49	ND	0.185	0.45	U	0.225	ND	0.7	1.7	U	0.85
		20	17.5	0	42	42	48		48	7.9	7.9	9	J	9	ND	0.405	0.93	U	0.465	ND	0.185	0.43	U	0.215	ND	0.7	1.6	U	0.8
		25	23	0	2.3	2.3	2.7	J	2.7	ND	0.24	0.56	U	0.28	ND	0.345	0.87	U	0.435	ND	0.17	0.4	U	0.2	ND	0.65	1.5	U	0.75
		30	29	0	1.7	1.7	2	J	2	ND	0.26	0.62	U	0.31	ND	0.41	0.98	U	0.49	ND	0.19	0.45	U	0.225	ND	0.7	1.7	U	0.85
		30D[3]	29	0	1.6					ND					ND					ND					ND				
		35	32	0	2.3	2.3	2.7	J	2.7	ND	0.23	0.54	U	0.27	ND	0.365	0.85	U	0.425	ND	0.165	0.39	U	0.195	ND	0.6	1.5	U	0.75
		40	39	0	45	45	55		55	1.5	1.2	1.5	J	0.75			1.3	U	0.65			0.58	U	0.29			2.2	U	1.1
		45	44.5	0	3.2	3.2	3.9	J	3.9	ND	0.23	0.56	U	0.28	ND	0.365	0.88	U	0.44	ND	0.165	0.4	U	0.2	ND	0.6	1.5	U	0.75
	8/7/2012	50	49.5	115	21	21	24		24	0.92	0.92	1.1	J	1.1	ND	0.365	0.85	U	0.425	ND	0.165	0.39	U	0.195	ND	0.6	1.5	U	0.75
		55	53.5	1,712	110	110	130		130	7.9	7.9	9	J	9	ND	0.415	0.94	U	0.47	ND	0.19	0.43	U	0.215	ND	0.7	1.6	U	0.8
		60	59.0	1,373	9.2	9.2	10		10	0.83	0.83	0.92	J	0.92	ND	0.39	0.87	U	0.435	ND	0.18	0.4	U	0.2	ND	0.65	1.5	U	0.75
		65	64.1	593	5.2	5.2	5.7	J	5.7			0.52	J	0.52			0.79	U	0.395			0.36	U	0.18	ND	0.6	1.3	U	0.65
		Prelim. Borehole Average Analytical Value (0-60')				19			22		2			2		0			0		0			0		1			1
001-320[4]	8/7/2012	5	4.0	0	ND	0.16	0.39	U	0.195	ND	0.25	0.59	U	0.295	ND	0.39	0.93	U	465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		10	6.5	43	ND	0.155	0.37	U	0.185	ND	0.2	0.58	U	0.29	ND	0.37	0.9	U	0.45	ND	0.17	0.41	U	0.205	ND	0.65	1.5	U	0.75
		15	14.9	1,175	160	160	180		180	8.2	8.2	9.6		9.6	ND	0.365	0.89	U	0.445	ND	0.175	0.41	U	0.205	ND	0.65	1.5	U	0.75
		20	17	1,074	5.9	5.9	7	J	7	ND	0.235	0.55	U	0.275	ND	0.365	0.86	U	0.43	ND	0.165	0.39	U	0.195	ND	0.65	1.5	U	0.75
		25	23	198	110	110	130		130	5	5	6.1	J	6.1	ND	0.4	0.97	U	0.485	ND	0.185	0.44	U	0.22	ND	0.7	1.7	U	0.85
		30	28	5,007	610	610	720		720	42	42	49	J	49	ND	3.3	7.8	U	0.39	ND	11.5	27	U	23.5	ND	10	23	U	11.5
		35	32	2,548	950	950	1100		1100	70	70	83	J	83	ND	3.35	7.9	U	3.95	ND	11.5	27	U	13.5	ND	10	23	U	11.5
		40	38.5	2,275	910	910	1100		1100	63	63	74	J	74	ND	3.45	8	U	4	ND	11.5	27	U	13.5	ND	10	24	U	12
		45	44	3,601	1200	1200	1500		1500	91	91	110	J	110	ND	3.45	8.4	U	4.2	ND	12	28	U	14	ND	10.5	25	U	12.5
		50	49.5	448	210	210	250		250	16	16	19	J	19	ND	3.2	7.7	U	3.65	ND	11	26	U	13	ND	9.5	23	U	11.5
		55	52.0	507	400	400	480		480	27	27	32	J	32	ND	3.4	8	U	4	ND	11.5	27	U	13.5	ND	10	24	U	12
		60	56.5	937	1.2	1.2	1.3	J	1.3	ND	0.3	0.69	U	0.385	ND	0.47	1.1	U	0.55	ND	0.215	0.49	U	0.245	ND	0.8	1.8	U	0.9
		Prelim. Borehole Average Analytical Value (0-60')				380			456		27			32		2			41		6			8		5			6
001-321[4]	8/8/2012	5	4.0	335	1.3	1.3	1.5	J	1.5	ND	0.24	0.57	U	0.285	ND	0.38	0.9	U	0.45	ND	0.175	0.41	U	0.205	ND	0.65	1.5	U	0.75
		10	7.5	16	2.7	2.7	3.3	J	3.3	4.3	4.3	5.2	J	5.2	ND	0.375	0.92	U	0.46	ND	0.17	0.42	U,*	0.21	ND	0.65	1.6	U	0.8
		15	13.5	0	2.5	2.5	3.1	J	3.1	7	7	8.5	J	8.5	ND	0.355	0.86	U	0.43	ND	0.165	0.39	U,*	0.195	ND	0.6	1.5	U	0.75
		20	17.5	107	ND	0.165	0.36	U	0.18	ND	0.25	0.56	U	0.29	ND	0.395	0.87	U	0.445	ND	0.18	0.4	U	0.2	ND	0.7	1.5	U	0.75
		25	20.5	23	ND	0.155	0.34	U	0.17	ND	0.24	0.52	U	0.26	ND	0.375	0.82	U	0.41	ND	0.175	0.37	U	0.185	ND	0.65	1.4	U	0.7
		25D[3]	20.5	23	1.1					1.6					ND					ND					ND				
		30	28.5	3,315	28	28	35		35	68	68	83		83	ND	0.4	0.98	U	0.49	ND	0.185	0.45	U,*	0.225	5.3	5.3	6.5	J	6.5
		35	32	312	8.4	8.4	9.5		9.5	17	17	19		19			0.83	U	0.415	U	0.415	0.38	U,*	0.19	2	2	2.2	J	2.2
		40	38	136	ND	0.175	0.41	U	0.205	ND	0.27	0.63	U	0.315	ND	0.42	0.99	U	0.495	ND	0.195	0.45	U,*	0.225	ND	0.7	1.7	U	0.85
		45	40.5	113	8.4	8.4	10		10	13	13	15		15	ND	0.4	0.95	U	0.475	ND	0.185	0.43	U,*	0.215	3.8	3.8	4.5	J	4.5
		50	49.5	0	8	8	9.3	J	9.3	15	15	18		18	ND	0.38	0.88	U	0.44	ND	0.175	0.4	U	0.2	1.9	1.9	2.3	J	2.3
		55	54.0	0	15	15	18		18	27	27	32		32	ND	0.375	0.89	U	0.445	ND	0.17	0.41	U	0.205	4.4	4.4	5.2	J	5.2
		60	59.0	0	14	14	17		17	21	21	26		26	ND	0.38	0.92	U	0.46	ND	0.175	0.42	U,*	0.21	4.1	4.1	5	J	5
		Prelim. Borehole Average Analytical Value (0-60')				7			9		14			17		0			0		0			0		2			3
		5	4.0	63	ND	0.175	0.39	U	0.195	ND	0.275	0.61	U	0.305	ND	0.425	0.95	U	0.475	ND	0.195	0.43	U,*	0.215	ND	0.75	1.6	U	0.8
		10	9	0	ND	0.165	0.38	U	0.19	ND	0.25	0.59	U	0.295	ND	0.39	0.92	U	0.46	ND	0.18	0.42	u,*	0.21	ND	0.65	1.6	u	0.8
		15	10.1	13	ND	0.155	0.36	U	0.18	ND	0.24	0.56	U	0.28	ND	0.38	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		20[6]	NA	NA																									
		25	21.5	0	ND	0.17	0.4	U	0.2	ND	0.26	0.62	U	0.31	ND	0.41	0.97	U	0.485	ND	0.19	0.45	U,*	0.225	ND	0.7	1.7	U	0.85

Table 1. SOUTHWEST PLUME RDSI CHARACTERIZATION DATA
DRAFT Final and Preliminary Soil Analytical Data (SWMU - 1 C-747-C Oil Landfarm)

Boring ID	Date of (collection)	Depth bgs	Actual Sample Depth bgs (ft)	PID (ppb)	TCE (µg/Kg) Preliminary Reported	TCE Preliminary Average[1,2]	TCE Draft Final Reported	TCE Qual[8]	TCE Draft Final Average[9]	cis-1,2-DCE (µg/Kg) Reported	cis Preliminary Average[1,2]	cis Draft Final Reported	cis Qual[8]	cis Draft Final Average[9]	trans-1,2-DCE (µg/Kg) Reported	trans Preliminary Average[1,2]	trans Draft Final Reported	trans Qual[8]	trans Draft Final Average[9]	VC (µg/Kg) Reported	VC Preliminary Average[1,2]	VC Draft Final Reported	VC Qual[8]	VC Draft Final Average[9]	1,1 DCE (µg/Kg) Reported	1,1 DCE Preliminary Average[1,2]	1,1 DCE Draft Final Reported	1,1 DCE Qual[8]	1,1 DCE Draft Final Average[9]
Oil Landfarm UCRS Soil Cleanup Level (µg/Kg)					**73**					**600**					**1080**					**34**					**130**				
001-322[4]	8/8/2012	30	29	54	27	27	32		32	18	18	21		21			0.96	U	0.48	U	0.48	1.4	J	1.4	ND	0.7	1.7	U	0.85
		35	34.9	167	5.2	5.2	5.8	J	5.8	3.5	3.5	3.9	J	3.9	ND	0.405	0.91	U	0.455	ND	0.185	0.42	U,*	0.21	ND	0.7	1.6	U	0.8
		40	35.1	261	3.9	3.9	4.5	J	4.5			2.3	J	2.3			0.87	U	0.435	ND	0.175	0.4	U,*	0.2	ND	0.65	1.5	U	0.75
		45	44.5	4	86	86	100		100	42	42	50		50	ND	0.365	0.85	U	0.425	ND	0.165	0.39	U,*	0.195	ND	0.6	1.5	U	0.75
		50	48.5	51	69	69	80		80	40	40	46		46	ND	0.37	0.86	U	0.43	ND	0.17	0.39	U	0.195	ND	0.65	1.5	U	0.75
		55	54.9	244	44	44	53		53	29	29	34		34	ND	0.36	0.85	U	0.425	ND	0.165	0.39	U	0.195	ND	0.6	1.5	U	0.75
		60	57.5	129	2.7	2.7	3.2	J	3.2	2.6	2.6	3.1	J	3.1	ND	0.44	1	U	1	ND	0.2	0.47	U	0.235	ND	0.75	1.8	U	0.9
		Prelim. Borehole Average Analytical Value (0-60')				22			25		14			15		0			1		0			0		1			1
001-301	8/9/2012	5	4.0	0	ND	0.16	0.38	U	0.19	ND	0.245	0.59	U	0.295	ND	0.38	0.92	U	0.46	ND	0.175	0.42	U	0.21	ND	0.65	1.6	U	0.8
		10	5.1	1	ND	0.165	0.39	U	0.195	ND	0.25	0.6	U	0.3	ND	0.39	0.93	U	0.465	ND	0.18	0.43	U	0.215	ND	0.65	1.6	U	0.8
		15	10.1	10	ND	0.155	0.35	U	0.175	ND	0.235	0.54	U	0.27	ND	0.37	0.84	U	0.42	ND	0.17	0.84	U	0.42	ND	0.65	1.4	U	0.7
		15D[3]	10.1	10	ND					ND					ND					ND					ND				
		20	17	0	ND	0.185	0.41	U	0.205	ND	0.285	0.63	U	0.315	ND	0.445	0.99	U	0.495	ND	0.205	0.45	U	0.225	ND	0.75	1.7	U	0.85
		25	20.5	0	ND	0.165	0.4	U	0.2	ND	0.25	0.61	U	0.305	ND	0.39	0.95	U	0.475	ND	0.18	0.44	U	0.22	ND	0.65	1.6	U	0.8
		30	25.1	71	6.9	6.9	7.9	J	7.9	4.3	4.3	4.9	J	4.9	ND	0.355	0.81	U	0.405	ND	0.165	0.37	U	0.185	ND	0.6	1.4	U	0.7
		35	31	92	15	15	17		17	12	12	13		13	ND	0.385	0.88	U	0.44	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		40	35.5	33	25	25	28		28	17	17	20		20	ND	0.38	0.87	U	0.435	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		45	44	189	57	57	67		67	40	40	47		47	ND	0.355	0.82	U	0.41	ND	0.16	0.38	U	0.19	ND	0.6	1.4	U	0.7
		50	45.1	328	83	83	96		96	58	58	67		67	ND	0.36	0.83	U	0.415	ND	0.165	0.38	U	0.19	ND	0.6	1.4	U	0.7
		55	50.1	510	12	12	13		13	19	19	21		21	ND	0.375	0.85	U	0.425	ND	0.17	0.39	U	0.195	ND	0.65	1.5	U	0.75
		60	57.5	448	27	27	30		30	19	19	21		21	ND	0.65	1.4	U	0.7	ND	0.295	0.66	U	0.33	ND	1.1	2.5	U	1.25
		Prelim. Borehole Average Analytical Value (0-60')				19			22		14			16		0			0		0			0		1			1
001-302	8/10/2012	5	2.0	0	ND	0.17	0.4	U	0.2	ND	0.26	0.62	U	0.31	ND	0.405	0.97	U	0.485	ND	0.185	0.44	U	0.22	ND	0.7	1.7	U	0.85
		10	5.5	0	ND	0.155	0.36	U	0.18	ND	0.235	0.56	U	0.28	ND	0.37	0.88	U	0.44	ND	0.17	0.4	U	0.2	ND	0.65	1.5	U	0.75
		15	11	45	ND	0.16	0.37	U	0.185	ND	0.24	0.56	U	0.28	ND	0.38	0.88	U	0.44	ND	0.175	0.4	U	0.2	ND	0.65	1.5	U	0.75
		20	18	0	ND	0.155	0.35	U	0.175	ND	0.24	0.54	U	0.27	ND	0.375	0.85	U	0.425	ND	0.17	0.39	U	0.195	ND	0.65	1.5	U	0.75
		25	24	0	22	22	26		26			15		15			0.91	U	0.455			1.8	J	1.8			2.2	J	2.2
		30	28.5	1,140	25	25	28		28	9.5	9.5	11		11	ND	0.415	0.93	U	0.465	ND	0.19	0.43	U	0.215	ND	0.7	1.6	U	0.8
		35	31	414	280	280	310	J	310	72	72	82	J	82	ND	6.5	15	U	7.5	ND	22	50	U	25	ND	19	43	U	21.5
		40	36.5	35	37	37	43		43	14	14	16		16	ND	0.455	1.1	U	0.55	ND	0.21	0.48	U	0.24	3.5	3.5	4.1	J	4.1
		45[7]	NA	NA																									
		50	47.5	578	21	21	24		24	5.3	5.3	5.9	J	5.9	ND	0.435	0.97	U	0.485	ND	0.2	0.44	U	0.22	ND	0.75	1.7	U	0.85
		55	53.0	278	200	200	230	J	230	39	39	46	J	46	ND	3.8	9	U	4.5	ND	13	31	U	15.5	ND	11.5	27	U	13.5
		57.5	55.5	493	150	150	180		180	27	27	32		32	ND	0.45	1.1	U	0.55	ND	0.205	0.49	U	0.245	2.8	2.8	3.4	J	3.4
		Prelim. Borehole Average Analytical Value (0-60')				67			77		17			19		1			1		4			4		4			4

Notes:

1 For analytical results reported as non-detect (ND), a value equal to one half of the method detection levels (MDLs) was used to calculate the preliminary average borehole soil VOC values.
2 Final average borehole values will be calculated using the sample quantitation limit (SQL). SQLs will be provided from the contract lab as part of the final data package.
3 Denotes duplicate (QA/QC) sample, duplicate samples were not used in the sample VOC averaging calculations.
4 Contingency Boring Locations
5 2 sets of analytical data reported by TA for the 35-40' interval at boring 001-318, SMO determined that reported values should be used. TCE Borehole Average changed from 66 µg/Kg to 52 µg/Kg.
6 Reportedly no 15-20 foot sample collected from 001-322.
7 Reportedly no 40-45 foot sample collected from 001-302.
8 **Qualifier Definitions:** **U** - Non-detect; **J** - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; **X** - Surrogate is outside control limits; **E** - Result exceeds calibration range; **F** - RPD of the MS and MSD exceeds the control limits / MS or MSD exceeds the control limits; **H** - Sample was prepped or analyzed beyond the specified holding time; ***** - RPD of the LCS and LCSD exceeds the control limits.
9 For analytical results identified with a (U) qualifier, a value equal to one half of the sample quantitation limit (SQL) was used to calculate the Draft Final average borehole soil VOC values.
10 SMO adjusted analytical data for sample 001-304 collected at 20 ft (8-28-2012).