TABLES

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Table 2-1. FFOR SVE System
Extraction Wells and Depths of Screened Intervals
April – June 2011

Extraction Well ID	Depth of Screened Interval (ft bgs)	Active Extraction Well During April – June 2011
SVEW-01	245 – 260	Yes
SVEW-02	45 – 60	Yes
SVEW-03	145 – 160	Yes
SVEW-04	298 – 313	Yes
SVEW-05	445 – 460	Yes
SVEW-06	45 – 60	No
SVEW-07	145 – 160	No
SVEW-08	245 – 260	No
SVEW-09	435 – 450	No

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Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106028	KAFB-106028-150	6/1/2011	148.75 - 151.25	VA0130	Reg	-0.90	0	0.06	19.81	2		9	1.5
	KAFB-106028-250	6/1/2011	248.75 - 251.25	VA0131	Reg	-1.00	0	0.12	20.74	0		12	1.0
	KAFB-106028-350	6/1/2011	348.75 - 351.25	VA0133	Reg	-1.40	0	0.32	20.44	98		15	1.5
	KAFB-106028-450	6/1/2011	448.75 - 451.25	VA0134	Reg	-1.60	0	0.34	20.97	186		18	1.5
KAFB-106108	KAFB-106108-025	4/21/2011	15.34-25.34	VA0135	Reg	-0.04	0	0.44	19.76	76		18.0	1.5
	KAFB-106108-050	4/21/2011	40-50	VA0136	Reg	-0.10	0	2.21	17.50	67		18.0	1.5
	KAFB-106108-150	4/21/2011	140.17-150.17	VA0137	Reg	-0.80	0	1.56	18.03	43		22.5	1.5
	KAFB-106108-250	4/21/2011	240.27-250.27	VA0138	Reg	-0.82	0	0.34	19.68	203		27.0	1.5
	KAFB-106108-350	4/21/2011	340.27-350.27	VA0139	Reg	-0.75	0	0.20	19.82	224		28.0	1.5
	KAFB-106108-450	4/21/2011	440-450	VA0140	Reg	-0.64	0	0.46	18.45	402		240	12
KAFB-106109	KAFB-106109-025	4/19/2011	15.2-25.2	VA0141	Reg	0.16	0	0.42	19.78	14		18.0	1.5
	KAFB-106109-050	4/19/2011	40.1-50.1	VA0142	Reg	0.79	0	0.54	19.58	38		18.0	1.5
	KAFB-106109-150	4/19/2011	140-150	VA0144	Reg	0.80	0	0.18	19.67	0		18.0	1.5
	KAFB-106109-250	4/20/2011	240.2-250.2	VA0145	Reg	-1.10	0	0.30	19.85	127		27.0	1.5
	KAFB-106109-350	4/20/2011	340.6-350.6	VA146	Reg	-1.20	0	0.08	20.02	81		27.0	1.5
	KAFB-106109-450	4/20/2011	440-450	VA0147	Reg	-1.50	0	1.12	14.92	34		240	12
KAFB-106110	KAFB-106110-025	4/19/2011	15-25	VA0148	Reg	-0.39	0	0.76	18.94	40		18.0	1.5
	KAFB-106110-050	4/19/2011	40.11-50.11	VA0149	Reg	-0.43	0	0.8	18.90	18		18.0	1.5
	KAFB-106110-150	4/19/2011	140.32-150.32	VA0150	Reg	0.15	0	0.62	19.15	18		22.5	1.5
	KAFB-106110-250	4/19/2011	240-250	VA0151	Reg	0.18	0	0.52	19.44	28		27.0	1.5
	KAFB-106110-350	4/19/2011	340.23-350.23	VA0153	Reg	0.59	0	0.22	19.25	174		27.0	1.5
	KAFB-106110-450	4/19/2011	440-450	VA0154	Reg	0.60	0	1.42	13.26	1658		240	12
KAFB-106111	KAFB-106111-025	4/18/2011	15.23-25.23	VA0155	Reg	0.04	0	0.94	18.66	784		18.0	1.5
	KAFB-106111-050	4/18/2011	40.06-50.06	VA0156	Reg	0.10	0	1.28	17.76	212		18.0	1.5
	KAFB-106111-150	4/18/2011	140.27-150.27	VA0157	Reg	0.82	0	0.58	19.83	31		22.5	1.5
	KAFB-106111-250	4/18/2011	240.27-250.27	VA0158	Reg	0.80	0	0.88	18.98	82		27.0	1.5
	KAFB-106111-350	4/18/2011	340.39-350.39	VA0159	Reg	1.20	0	0.28	19.84	394		27.0	1.5
	KAFB-106111-450	4/18/2011	440.33-450.33	VA0160	Reg	1.70	0	1.94	12.6	4050		240	12
KAFB-106112	KAFB-106112-025	4/27/2011	15-25	VA0161	Reg	-0.50	0	0.38	19.48	2360		18.0	1.5
	KAFB-106112-050	4/27/2011	40-50	VA0162	Reg	-0.09	0	0.68	18.66	2400		18.0	1.5
	KAFB-106112-150	4/27/2011	140-150	VA0164	Reg	-1.40	0	0.5	18.39	55		22.5	1.5
	KAFB-106112-250	5/2/2011	240-250	VA0165	Reg	-4.10	0	0.1	20.35	37		27.0	1.5
	KAFB-106112-350	5/2/2011	339-349	VA0166	Reg	-4.30	0	0.22	19.59	1946		27.0	1.5
	KAFB-106112-450	5/2/2011	439-449	VA0167	Reg	-4.50	0	0.18	20.23	536		240	12
KAFB-106113	KAFB-106113-020	4/6/2011	10-20	VA0168	Reg	-0.12	0	0.26	20.22	65		22.5	1.5
	KAFB-106113-050	4/6/2011	40-50	VA0170	Reg	-0.13	0	0.38	21.01	91		18.0	1.5
	KAFB-106113-150	4/6/2011	140-150	VA0171	Reg	-0.30	0	0.22	20.21	6		22.5	1.5
	KAFB-106113-250	4/6/2011	240-250	VA0172	Reg	-0.29	0	0.81	18.21	71		25.0	1.5
	KAFB-106113-350	4/6/2011	340-350	VA0173	Reg	-0.42	0	0.26	19.04	799		63.0	1.5
	KAFB-106113-450	4/6/2011	440-450	VA0174	Reg	0.68	0	0.44	16.85	5980		264	12

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106114	KAFB-106114-025	4/7/2011	15-25	VA0175	Reg	0.10	0	0.77	18.75	92		18.0	1.5
	KAFB-106114-050	4/7/2011	40-50	VA0176	Reg	0.05	0	0.72	18.67	56		18.0	1.5
	KAFB-106114-150	4/7/2011	140-150	VA0177	Reg	0.99	0	0.62	18.64	5		22.5	1.5
	KAFB-106114-250	4/7/2011	235-245	VA0178	Reg	1.00	0	1.24	18.54	20		27.0	1.5
	KAFB-106114-350	4/7/2011	340-350	VA0180	Reg	1.00	0	0.36	19.39	631		27.0	1.5
	KAFB-106114-450	4/7/2011	439.6-449.6	VA0181	Reg	0.89	0	0.56	18.08	8342	a	252	12
KAFB-106115	KAFB-106115-025	4/5/2011	14.6-24.6	VA0182	Reg	0.00	0	0.49	19.29	131		25.5	1.5
	KAFB-106115-050	4/5/2011	39.6-49.6	VA0183	Reg	0.00	0	0.52	19.38	134		28.5	1.5
	KAFB-106115-150	4/5/2011	144.6-154.6	VA0184	Reg	-1.20	0	0.28	19.34	3		22.5	1.5
	KAFB-106115-250	4/5/2011	239.6-249.6	VA0185	Reg	-1.40	0	0.12	19.93	2		25.5	1.0-1.5
	KAFB-106115-350	4/5/2011	339.6-349.6	VA0186	Reg	-1.80	0	0.20	19.65	976		27.0	1
	KAFB-106115-450	4/7/2011	439.6-449.6	VA0187	Reg	1.60	0	0.76	16.28	7020		240	12
KAFB-106116	KAFB-106116-025	4/12/2011	10.0 - 19.45	VA0189	Reg	0.30	0	0.32	19.84	362		18.0	1.5
	KAFB-106116-050	4/12/2011	40.0 - 49.45	VA0190	Reg	0.49	0	0.72	18.24	668		18.0	1.5
	KAFB-106116-150	4/14/2011	140.0 - 149.45	VA0191	Reg	0.10	0	0.28	18.43	24		22.5	1.5
	KAFB-106116-250	4/14/2011	240-249.45	VA0192	Reg	0.14	0	0.44	18	919		27.0	1.5
	KAFB-106116-250	5/13/2011	240-249.45	VA0192-R	Resamp	-2.40	0	0.54	17.93	506		27.0	1.5
	KAFB-106116-350	4/14/2011	340.0 - 349.45	VA0193	Reg	0.42	0	0.34	18.2	1878		27	1.5
	KAFB-106116-450	4/14/2011	440.0 - 448.95	VA0194	Reg	0.30	0	1.34	17.32	17775	a	228.0	12
KAFB-106117	KAFB-106117-025	5/10/2011	15-25	VA0195	Reg	0.00	0	1.8	18.32	398		18.0	1.5
	KAFB-106117-050	5/10/2011	40-50	VA0196	Reg	0.00	0	3.66	16.21	151		18.0	1.5
	KAFB-106117-150	5/10/2011	140-150	VA0197	Reg	1.00	0	1.58	16.99	1		22.5	1.5
	KAFB-106117-250	5/10/2011	240-250	VA0198	Reg	1.00	0	1.8	16.22	2140		27.0	1.5
	KAFB-106117-350	5/10/2011	340-350	VA0199	Reg	1.20	0	3.12	14.96	13698	a	27.0	1.5
	KAFB-106117-450	5/10/2011	440-450	VA0200	Reg	1.00	0	1.6	16.99	21330	a	240	12
KAFB-106118	KAFB-106118-025	5/4/2011	15-25	VA0201	Reg	0.00	0	0.78	19.01	40		18.0	1.5
	KAFB-106118-050	5/4/2011	40-50	VA0203	Reg	0.00	0	1.88	17.43	3		18.0	1.5
	KAFB-106118-160	5/4/2011	150-160	VA0204	Reg	-1.40	0	1.09	18.52	37		22.5	1.5
	KAFB-106118-265	5/4/2011	255-265	VA0205	Reg	-1.60	0	0.36	18.56	190		27.0	1.5
	KAFB-106118-350	5/4/2011	340-350	VA0206	Reg	-1.60	0	0.00	21	0		27.0	1.5
	KAFB-106118-450	5/4/2011	440-450	VA0207	Reg	-1.80	0	0.44	18.8	606		240	12
KAFB-106119	KAFB-106119-025	4/27/2011	15-25	VA0208	Reg	-0.08	0	1.04	19.51	315		18.0	1.5
	KAFB-106119-050	4/27/2011	40-50	VA0209	Reg	-0.22	0	2.54	16.24	298		18.0	1.5
	KAFB-106119-150	4/27/2011	140-150	VA0210	Reg	-1.50	0	3.6	13.59	21		22.5	1.5
	KAFB-106119-250	4/27/2011	240-250	VA0211	Reg	-1.80	0	0.46	19.82	94		27.0	1.5
	KAFB-106119-350	4/27/2011	340-350	VA0212	Reg	-1.70	0	0.86	17.75	4670		27.0	1.5
	KAFB-106119-450	4/27/2011	440-450	VA0214	Reg	-1.70	0	2.88	13.76	6040		346	12

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106120	KAFB-106120-025	6/21/2011	15-25	NA	Reg	0.00	0	0.48	19.52	838		18.0	1.5
	KAFB-106120-050	6/21/2011	40-50	NA	Reg	0.00	0	0.56	19.29	1329		18.0	1.5
	KAFB-106120-150	6/21/2011	140-150	NA	Reg	-1.00	0	0.16	20.5	118		22.5	1.5
	KAFB-106120-250	6/21/2011	240-250	NA	Reg	-0.60	0	0.06	21.22	10		27.0	1.5
	KAFB-106120-350	6/21/2011	340-350	NA	Reg	-0.60	0	0.12	20.08	46		27.0	1.5
	KAFB-106120-450	6/21/2011	440-450	NA	Reg	-0.50	0	0.02	21.08	49		240	12
KAFB-106121	KAFB-106121-025	6/20/2011	15-25	NA	Reg	0.00	0	0.76	20.04	5		18.0	1
	KAFB-106121-050	6/20/2011	40-50	NA	Reg	0.00	0	0.82	20.75	4		18.0	1
	KAFB-106121-150	6/20/2011	140-150	NA	Reg	0.32	0	0.16	20.58	6		21	1
	KAFB-106121-250	6/20/2011	240-250	NA	Reg	0.50	0	0.2	20.8	8		31.5	1.5
	KAFB-106121-350	6/20/2011	340-350	NA	Reg	0.60	0	0.18	19.2	561		28.0	1
	KAFB-106121-450	6/20/2011	440-450	NA	Reg	0.60	0	0.22	19.15	1800		240	12
KAFB-106122	KAFB-106122-025	6/21/2011	15-25	NA	Reg	0.00	0	0.54	20.04	3		18.0	1.5
	KAFB-106122-050	6/21/2011	40-50	NA	Reg	-0.06	0	0.74	19.89	6		18.0	1.5
	KAFB-106122-150	6/21/2011	140-150	NA	Reg	-1.00	0	0.10	20.74	7		22.5	1.5
	KAFB-106122-250	6/21/2011	240-250	NA	Reg	-1.00	0	0.10	20.51	3		27.0	1.5
	KAFB-106122-350	6/21/2011	340-350	NA	Reg	-0.60	0	0.06	20.39	10		27.0	1.5
	KAFB-106122-450	6/21/2011	440-450	NA	Reg	-1.00	0	0.16	20.12	318		288.0	12
KAFB-106123	KAFB-106123-025	6/17/2011	15-25	NA	Reg	0.00	0	0.92	19.97	17		18.0	2.0
	KAFB-106123-050	6/20/2011	40-50	NA	Reg	0.00	0	1.58	18.65	11		18	2
	KAFB-106123-150	6/17/2011	140-150	NA	Reg	-0.20	0	0.12	20.31	11		24	2.0
	KAFB-106123-250	6/17/2011	240-250	NA	Reg	-0.20	0	0.18	19.97	13		24	2.0
	KAFB-106123-350	6/17/2011	340-350	NA	Reg	-0.05	0	0.03	20.11	122		30	2.0
	KAFB-106123-450	6/17/2011	440-450	NA	Reg	-0.04	0	0.12	20.27	189		240	12
KAFB-106128	KAFB-106128-025	4/12/2011	15.04-25.04	VA0268	Reg	0.00	0	1.06	19.17	180		18.0	1.5
	KAFB-106128-050	4/12/2011	40.07-50.07	VA0269	Reg	0.00	0	2.32	17.40	161		18.0	1.5
	KAFB-106128-150	4/12/2011	140.19-150.19	VA0271	Reg	-1.00	0	2.76	16.07	4		22.5	1.5
	KAFB-106128-250	4/12/2011	240.29-250.29	VA0272	Reg	-1.20	0	0.34	20.5	1		27.0	1.5
	KAFB-106128-350	4/12/2011	340.39-350.39	VA0273	Reg	-1.60	0	0.20	19.97	133		27.0	1.5
	KAFB-106128-450	4/12/2011	440.06-450.06	VA0274	Reg	-1.80	0	1.34	16.32	18,810	a	240	12
KAFB-106129	KAFB-106129-025	4/15/2011	15.1-25.1	VA0275	Reg	-0.19	0	0.16	20.81	46		18.0	1.5
	KAFB-106129-050	4/15/2011	39.7-49.7	VA0276	Reg	-0.19	0	0.18	19.85	81		18.0	1.5
	KAFB-106129-150	4/15/2011	140.2-150.2	VA0277	Reg	-1.30	0	0.10	19.38	7		22.5	1.5
	KAFB-106129-250	4/15/2011	240.1-250.1	VA0279	Reg	-1.60	0	0.21	19.21	538		27.0	1.5
	KAFB-106129-350	4/15/2011	337.4-347.4	VA0280	Reg	-1.50	0	0.00	19.44	281		27.0	1.5
	KAFB-106129-450	4/15/2011	440.7-450.7	VA0281	Reg	-1.00	0	0.36	18.38	3530		432	12

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106130	KAFB-106130-025	5/11/2011	15-25	VA0282	Reg	0.00	0	0.46	19.22	268		18.0	1.5
	KAFB-106130-050	5/11/2011	40-50	VA0283	Reg	0.00	0	0.48	18.87	390		18.0	1.5
	KAFB-106130-150	5/11/2011	150-160	VA0284	Reg	0.10	0	0.64	18.55	26		22.5	1.5
	KAFB-106130-250	5/11/2011	240-250	VA0285	Reg	0.18	0	1.48	17.35	5		27.0	1.5
	KAFB-106130-350	5/11/2011	340-350	VA0286	Reg	0.20	0	1.88	14.57	1705		27.0	1.5
	KAFB-106130-450	5/11/2011	440-450	VA0287	Reg	0.00	0	0.94	15.42	7317	a	288	12
KAFB-106131	KAFB-106131-025	4/7/2011	15-25	VA0288	Reg	0.43	0	0.26	19.66	11		18.0	1.5
	KAFB-106131-055	4/7/2011	40-50	VA0289	Reg	0.50	0	0.22	19.74	8		18.0	1.5
	KAFB-106131-150	4/11/2011	140-150	VA0291	Reg	-3.60	0	0.42	20.43	5		22.5	1.5
	KAFB-106131-245	4/11/2011	235-245	VA0292	Reg	-3.80	0	0.22	20.68	7		27.0	1.5
	KAFB-106131-350	4/11/2011	340-350	VA0293	Reg	-4.00	0	0.08	20.29	5		27.0	1.5
	KAFB-106131-450	4/11/2011	430-440	VA0294	Reg	-3.90	0	0.28	19.01	1178		240	12
KAFB-106132	KAFB-106132-025	5/2/2011	15-25	VA0295	Reg	-0.80	0	0.94	19.55	5		18.0	1.5
	KAFB-106132-050	5/2/2011	40-50	VA0296	Reg	-1.90	0	1.06	19.31	5		18.0	1.5
	KAFB-106132-175	5/2/2011	140-150	VA0297	Reg	-4.00	0	0.34	20.45	0		22.5	1.5
	KAFB-106132-250	5/2/2011	240-250	VA0298	Reg	-4.00	0	0.02	20.50	0		27.0	1.5
	KAFB-106132-350	5/2/2011	340-350	VA0299	Reg	-3.40	0	0.10	19.96	0		27.0	1.5
	KAFB-106132-450	5/2/2011	440-450	VA0301	Reg	-4.40	0	0.74	18.78	997		240	12
KAFB-106133	KAFB-106133-025	5/5/2011	15-25	VA0302	Reg	0.13	0	0.84	19.24	13		18.0	1.5
	KAFB-106133-050	5/5/2011	40-50	VA0303	Reg	0.17	0	0.76	19.34	17		18.0	1.5
	KAFB-106133-170	5/9/2011	160-170	VA0304	Reg	2.20	0	0.22	19.43	3		22.5	1.5
	KAFB-106133-250	5/9/2011	240-250	VA0305	Reg	2.00	0	0.54	19.51	2		27.0	1.5
	KAFB-106133-350	5/9/2011	339-349	VA0306	Reg	2.00	0	0.54	17.94	235		27.0	1.5
	KAFB-106133-450	5/9/2011	439-449	VA0307	Reg	1.80	0	1.36	14.95	2710		240	12
KAFB-106134	KAFB-106134-025	5/5/2011	15-25	VA0308	Reg	0.00	0	0.2	22.16	81		18.0	1.5
	KAFB-106134-050	5/5/2011	40-50	VA0309	Reg	0.00	0	0.14	19.55	61		18.0	1.5
	KAFB-106134-170	5/5/2011	160-170	VA0311	Reg	-2.00	0	0.1	21.48	10		22.5	1.5
	KAFB-106134-250	5/5/2011	240-250	VA0312	Reg	0.00	0	0.26	19.3	15		27.0	1.5
	KAFB-106134-350	5/5/2011	340-350	VA0313	Reg	-2.80	0	0.06	20.72	5		27.0	1.5
	KAFB-106134-450	5/5/2011	440-450	VA0314	Reg	-2.20	0	0.14	19.24	361		456	12
KAFB-106135	KAFB-106135-025	5/11/2011	15-25	VA0315	Reg	0.00	0	0.28	20	19		18.0	1.5
	KAFB-106135-050	5/11/2011	40-50	VA0316	Reg	0.00	0	0.24	20.04	29		18.0	1.5
	KAFB-106135-150	5/13/2011	140-150	VA0317	Reg	-1.50	0	0.18	20.15	24		22.5	1.5
	KAFB-106135-250	5/13/2011	240-250	VA0318	Reg	-2.50	0	0.08	20.37	24		27.0	1.5
	KAFB-106135-350	5/13/2011	340-350	VA0319	Reg	-1.80	0	0.16	20.2	79		27.0	1.5
	KAFB-106135-450	5/13/2011	440-450	VA0321	Reg	-2.50	0	0.16	19.92	282		336	12

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106137	KAFB-106137-025	5/16/2011	15-25	VA0328	Reg	0.00	0	0.23	20.15	21		18.0	1.5
	KAFB-106137-050	5/16/2011	40-50	VA0329	Reg	0.00	0	0.3	19.66	16		18.0	1.5
	KAFB-106137-150	5/16/2011	140-150	VA0331	Reg	-0.48	0	0.16	19.92	10		22.5	1.5
	KAFB-106137-250	5/16/2011	240.1-250.1	VA0332	Reg	-0.54	0	0.26	19.24	6		27.0	1.5
	KAFB-106137-350	5/16/2011	340.5-350.5	VA0333	Reg	-0.75	0	0.14	20.12	74		27.0	1.5
	KAFB-106137-450	5/16/2011	440-450	VA0334	Reg	-0.75	0	0.32	18.71	1130		240	12
KAFB-106138	KAFB-106138-025	5/18/2011	15-25	VA0335	Reg	0.00	0	0.88	19.61	8		18.0	1.5
	KAFB-106138-050	5/18/2011	40-50	VA0336	Reg	0.00	0	0.72	19.81	4		18.0	1.5
	KAFB-106138-150	5/18/2011	140-150	VA0337	Reg	1.40	0	0.3	19.8	4		22.5	1.5
	KAFB-106138-250	5/18/2011	240-250	VA0338	Reg	1.60	0	0.34	19.95	6		27.0	1.5
	KAFB-106138-350	5/18/2011	340-350	VA0339	Reg	1.80	0	0.34	20.15	6		27.0	1.5
	KAFB-106138-450	5/18/2011	440-450	VA0340	Reg	1.00	0	0.18	20.79	44		240	12
KAFB-106139	KAFB-106139-025	5/3/2011	15-25	VA0341	Reg	0.14	0	0.5	19.8	4		18.0	1.5
	KAFB-106139-050	5/3/2011	40-50	VA0342	Reg	0.24	0	0.72	19.64	6		18.0	1.5
	KAFB-106139-150	5/3/2011	140-150	VA0343	Reg	-3.00	0	0.24	19.97	2		22.5	1.5
	KAFB-106139-250	5/3/2011	240-250	VA0345	Reg	-1.70	0	0.08	20.72	2		27.0	1.5
	KAFB-106139-350	5/3/2011	340-350	VA0346	Reg	-2.00	0	0.30	20.45	3		27.0	1.5
	KAFB-106139-450	5/3/2011	440-450	VA0347	Reg	-1.80	0	0.48	19.36	1		240	12
KAFB-106140	KAFB-106140-025	4/11/2011	10-20	VA0348	Reg	-0.08	0	0.18	20.21	547		18.0	1.5
	KAFB-106140-050	4/11/2011	40-50	VA0349	Reg	-0.12	0	0.2	20.07	742		18.0	1.5
	KAFB-106140-150	4/11/2011	140-150	VA0351	Reg	-3.00	0	0.14	20.82	4		22.5	1.5
	KAFB-106140-250	4/11/2011	240-250	VA0352	Reg	-4.00	0	0.06	20.55	87		27.0	1.5
	KAFB-106140-350	4/11/2011	340-350	VA0353	Reg	-4.40	0	0.06	20.27	135		27.0	1.5
	KAFB-106140-450	4/11/2011	440-450	VA0354	Reg	-5.00	0	0.94	17.49	3890		288	12
KAFB-106141	KAFB-106141-025	5/17/2011	15-25	VA0355	Reg	0.00	0	0.14	20.23	18		18.0	1.5
	KAFB-106141-060	5/17/2011	50-60	VA0356	Reg	0.00	0	0.12	20.55	18		22.5	1.5
	KAFB-106141-170	5/17/2011	160-170	VA0357	Reg	1.20	0	0.1	20.23	10		22.5	1.5
	KAFB-106141-250	5/17/2011	240-250	VA0358	Reg	1.20	0	0.12	19.79	10		27.0	1.5
	KAFB-106141-350	5/17/2011	340-350	VA0359	Reg	1.60	0	0.12	20.25	8		27.0	1.5
	KAFB-106141-450	5/17/2011	440-450	VA0361	Reg	2.00	0	0.18	19.98	6		240	12
KAFB-106142	KAFB-106142-030	5/23/2011	20-30	VA0362	Reg	0.00	0	0.22	20.24	4		18.0	1.5
	KAFB-106142-050	5/23/2011	40-50	VA0363	Reg	0.00	0	0.22	20.22	4		18.0	1.5
	KAFB-106142-170	5/23/2011	160-170	VA0365	Reg	-0.54	0	0.14	20.31	4		22.5	1.5
	KAFB-106142-250	5/23/2011	240-250	VA0366	Reg	-0.58	0	0.1	20.17	3		27.0	1.5
	KAFB-106142-350	5/23/2011	340-350	VA0367	Reg	-0.57	0	0.12	20.35	6		27.0	1.5
	KAFB-106142-450	5/23/2011	440-450	VA0368	Reg	-0.54	0	0.2	19.79	73		240	12
KAFB-1065 Inlet	KAFB1065-IN	4/29/2011	N/A	N/A	Reg	-30.00	0	3.82	14.33	6090		N/A	N/A
KAFB-1065 Inlet	KAFB1065-IN	5/12/2011	NA	VA9018	Reg	<-30.00	0	3.2	15.38	4710		NA	NA
KAFB-1065 Inlet	KAFB1065-IN	6/23/2011	N/A	N/A	Reg	< -60	0	5.54	11.86	7510		NA	NA
KAFB-1065 PCAT E1	KAFB1065-POSTC1	5/12/2011	NA	VA9020	Reg	NA	0.15	5.76	12.3	148		NA	NA
KAFB-1065 PCAT E2	KAFB1065-POSTC2	5/12/2011	NA	VA9021	Reg	NA	0.16	5.46	12.31	77		NA	NA
KAFB-1066 Inlet	KAFB1066-IN	4/29/2011	N/A	N/A	Reg	-19.00	0	0.18	20.25	13104	a	N/A	N/A
KAFB-1066 Inlet	KAFB1066-IN	5/12/2011	NA	VA9022	Reg	-14.00	0	1.26	20.24	13410	a	NA	NA

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-1066 Inlet	KAFB1066-IN	6/23/2011	N/A	N/A	Reg	-4.40	0	2.84	14.38	12465	a	NA	NA
KAFB-1066 PCAT E1	KAFB1066-POSTC1	5/12/2011	NA	VA9023	Reg	NA	0.22	8.08	7.81	330		NA	NA
KAFB-1066 PCAT E2	KAFB1066-POSTC2	5/12/2011	NA	VA9025	Reg	NA	0.26	8.40	6.23	77		NA	NA
KAFB-1068 Inlet	KAFB1068-IN	4/29/2011	N/A	N/A	Reg	-30.00	0	1.7	15.3	7530		N/A	N/A
KAFB-1068 Inlet	KAFB1068-IN	5/12/2011	NA	VA9026	Reg	<-30.00	0	1.54	15.94	6330		NA	NA
KAFB-1068 Inlet	KAFB1068-IN	6/23/2011	N/A	N/A	Reg	-3.10	0	1.78	15.57	7460		NA	NA
KAFB-1068 PCAT E1	KAFB1068-POSTC1	5/12/2011	NA	VA9027	Reg	NA	0.4	6.2	9.94	355		NA	NA
KAFB-1068 PCAT E2	KAFB1068-POSTC2	5/12/2011	NA	VA9028	Reg	NA	0.16	5.92	10.81	192		NA	NA
ST-106 Inlet	ST106-IN	4/29/2011	N/A	N/A	Reg	-9.00	0	0.68	19.85	12861	a, b	N/A	N/A
ST-106 INLET	ST106-IN	5/12/2011	NA	VA9015	Reg	-13.00	0	2.06	11.01	4995	a, b	NA	NA
ST-106 Inlet	ST106-IN	6/23/2011	N/A	N/A	Reg	-3.00	0.01	7.38	10.97	6880	c	NA	NA
ST-106 PCAT E1	ST106-POSTC1	5/12/2011	NA	VA9016	Reg	NA	0.13	7.94	8.73	345		NA	NA
ST-106 PCAT E2	ST106-POSTC2	5/12/2011	NA	VA9017	Reg	NA	0.04	10.64	6.72	218		NA	NA
SVEW-01	SVEW-01-260	5/13/2011	246-260	VA0369	Reg	-10.00	0	0.22	20.47	7578	a	NA	NA
SVEW-02	SVEW-02-060	5/13/2011	45-60	VA0370	Reg	-10.00	0	0.38	20.10	7380	a	NA	NA
SVEW-03	SVEW-03-160	5/13/2011	145-160	VA0372	Reg	-10.00	0	0.68	20.01	8901	a	NA	NA
SVEW-04	SVEW-04-313	5/13/2011	298-313	VA0373	Reg	-8.00	0	0.48	20.05	2421	a	NA	NA
SVEW-05	SVEW-05-460	5/13/2011	445-460	VA0374	Reg	-10.00	0	0.22	20.44	8253	a	NA	NA
SVEW-06	SVEW-06-060	5/17/2011	45-60	VA0375	Reg	-3.00	0.01	11.66	4.48	4800		NA	NA
SVEW-07	SVEW-07-160	5/16/2011	145-160	VA0376	Reg	0.57	0	6.52	9.15	16,074	a	75	1.5
SVEW-08	SVEW-08-260	5/17/2011	245-260	VA0377	Reg	-3.00	0	2.02	15.10	1137		NA	NA
SVEW-09	SVEW-09-460	5/17/2011	435-450	VA0378	Reg	-3.00	0	2.06	14.94	880		NA	NA
SVEW-10	SVEW-10-410	5/24/2011	400-410	VA0379	Reg	0.05	0	0.06	20.31	124		115	1.5
SVEW-11	SVEW-11-410	6/7/2011	400- 410	VA0380	Reg	-0.80	0	0.14	20.59	283		108	12
SVEW-12	SVEW-12-410	6/6/2011	400- 410	VA0381	Reg	-1.00	0	0.04	20.95	2		108	12
SVEW-13	SVEW-13-410	6/9/2011	400-410	VA0383	Reg	-0.85	0	0.1	21.01	145		108	12
SVMW-01	SVMW-01-050	6/6/2011	50-52.5	VA0066	Reg	0.38	0	7.88	10.38	4		6.0	1
	SVMW-01-100	6/6/2011	100 -102.5	VA0067	Reg	0.58	0	10.8	6.38	6752		6.0	1
	SVMW-01-250	6/7/2011	250.7-253.2	VA0069	Reg	-0.48	0	0.84	19.73	27		8	1
	SVMW-01-300	6/7/2011	308.5-311	VA0070	Reg	-0.44	0	0.78	19.57	535		9.0	1
SVMW-02	SVMW-02-050	5/31/2011	50-52.5	VA0071	Reg	0.10	0	1.48	18.65	17		5.0	1
	SVMW-02-100	5/31/2011	97-99.5	VA0072	Reg	0.19	0	5.3	13.72	4230		6.0	1
	SVMW-02-150	5/31/2011	150-152.5	VA0073	Reg	-3.60	0	2.2	16.72	3510		8	1
SVMW-03	SVMW-03-050	6/13/2011	50-52.5	VA0074	Reg	-0.24	0	7.94	10.04	21		6.0	1
	SVMW-03-100	6/13/2011	100 - 102.5	VA0075	Reg	0.30	0	10.65	4.62	15534	a	6.0	1
	SVMW-03-250	6/14/2011	250-252.5	VA0076	Reg	-1.40	0	1.44	17.04	789		8	1
	SVMW-03-300	6/14/2011	300-302.5	VA0077	Reg	-1.20	0	1.26	17.99	8400		9.0	1

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
SVMW-04	SVMW-04-050	6/7/2011	50-52.5	VA0078	Reg	0.30	0	8.22	9.57	936		6.0	1
	SVMW-04-100	6/7/2011	98-100.5	VA0079	Reg	0.40	0	10.24	5.38	6651	a	6.0	1
	SVMW-04-250	6/8/2011	250-252.5	VA0080	Reg	-0.52	0	1.18	18.93	455		8	1
	SVMW-04-300	6/8/2011	287.5 - 290	VA0081	Reg	-0.28	0	0.76	19.24	158		8.0	1
SVMW-05	SVMW-05-050	6/1/2011	50-52.5	VA0082	Reg	0.10	0.01	4.47	16.38	1		6.0	1
	SVMW-05-100	6/1/2011	100 - 102.5	VA0084	Reg	0.10	0	6.56	12.43	206		6.0	1
	SVMW-05-230	6/1/2011	229.5 - 231	VA0085	Reg	-2.40	0	0.62	19.46	2		8	1
	SVMW-05-290	6/1/2011	287.5 - 290	VA0086	Reg	-2.60	0	0.94	19.16	94		8.0	1
SVMW-06	SVMW-06-050	6/10/2011	50-52.5	VA0087	Reg	-0.08	0	0	21.56	0		6.0	1
	SVMW-06-100	6/10/2011	99.5-102	VA0088	Reg	-0.20	0	0	21.29	1		6.0	1
	SVMW-06-252	6/10/2011	252.5-254.5	VA0089	Reg	-0.80	0	0.62	18.94	2330		8	1
	SVMW-06-302	6/10/2011	302.5-305	VA0090	Reg	-0.92	0	0.86	17.37	3903		10.0	1
SVMW-07	SVMW-07-050	5/25/2011	49.5-52.0	VA0091	Reg	-2.00	0	0.38	19.50	11		5	1.0
	SVMW-07-100	5/25/2011	95.5-98.0	VA0092	Reg	-0.20	0	5.22	14.12	1315		6	1.0
	SVMW-07-150	5/25/2011	147.5-150.0	VA0093	Reg	-0.08	0	4.50	15.26	3		7	1.0
SVMW-08	SVMW-08-050	6/8/2011	50-52.5	VA0095	Reg	0.05	0	10.05	3.64	6975	a	6	1.0
	SVMW-08-100	6/8/2011	100-102.5	VA0096	Reg	0.00	0	11.72	4.81	234		6	1.0
	SVMW-08-250	6/8/2011	250-252.5	VA0097	Reg	-0.40	0	0.98	18.53	162		8	1.0
	SVMW-08-266	6/8/2011	450-452.5	WELL PORT PLUGGED; NOT SAMPLED									
SVMW-09	SVMW-09-050	6/13/2011	50-52.5	VA0099	Reg	0.00	0	10.24	7.03	2810		6	1.0
	SVMW-09-100	6/13/2011	100-102.5	VA00100	Reg	0.00	0	8.5	7.84	13,833	a	6	1.0
	SVMW-09-250	6/13/2011	250-252.5	VA0101	Reg	-1.00	0	1.06	19.68	605		9	1.0
	SVMW-09-266	6/13/2011	266-268.5	VA0103	Reg	-1.80	0	1.36	18.49	7160		9	1.0
SVMW-10	SVMW-10-050	6/15/2011	50 - 52.5	VA0104	Reg	0.00	0	0	21.42	0		6	1.0
	SVMW-10-100	6/15/2011	100- 102.5	VA0105	Reg	0.00	0	1.38	19.06	4220		6	1.0
	SVMW-10-150	6/15/2011	150-152.5	VA0106	Reg	-0.80	0	4.11	13.3	13,770	a	8	1.0
	SVMW-10-250	6/15/2011	250-252.5	VA0107	Reg	-2.00	0	1.31	18.56	7600		9	1.0
SVMW-11	SVMW-11-050	6/14/2011	50-52.5	VA0108	Reg	0.00	0	11.46	3.86	8370	a	6	1.0
	SVMW-11-100	6/14/2011	100-102.5	VA0109	Reg	0.00	0	10.34	3.57	22,140	a	6	1.0
	SVMW-11-250	6/14/2011	250-252.5	VA0111	Reg	-2.00	0	2.24	17.04	15,192	a	9	1.0
	SVMW-11-260	6/14/2011	260-262.5	VA0112	Reg	-2.00	0	2.42	16.89	19,260	a	9	1.0
SVMW-12	SVMW-12-150	5/24/2011	150-152.5	VA0113	Reg	0.00	0	0.10	19.80	4		6	1.0
	SVMW-12-250	5/24/2011	250-252.5	VA0114	Reg	0.04	0	0.18	19.77	217		8	1.0
	SVMW-12-350	5/24/2011	350-352.5	VA0115	Reg	0.08	0	0.70	18.37	88		10	1.0
	SVMW-12-450	5/24/2011	450-452.5	VA0116	Reg	0.06	0	0.16	19.68	341		11	1.0
SVMW-013	SVMW-13-150	6/7/2011	150-152.5	VA0117	Reg	-1.30	0	0.44	18.57	1712		10.0	1
	SVMW-13-250	6/7/2011	250-252.5	VA0118	Reg	-0.58	0	0.62	17.60	7		8.0	1
	SVMW-13-350	6/7/2011	350-352.5	VA0119	Reg	-0.63	0	1.46	17.63	9		9	1
	SVMW-13-450	6/7/2011	450-452.5	VA0120	Reg	-0.80	0	0.66	17.36	1300		12.0	1

Table 2-2

Sample Designations and Field Measurements
Soil Vapor Monitoring, April - June 2011

Sample Location	Unique Database ID	Date	Screening Interval	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Notes	Volume Purged (cu.ft.)	Purge Rate (cfm)
SVMW-014	SVMW-14-150	6/6/2011	150-152.5	VA0121	Reg	-1.50	0	0.24	20.65	16		6.0	1
	SVMW-14-250	6/6/2011	250-252.5	VA0122	Reg	-0.70	0	0.2	20.13	2		8.0	1
	SVMW-14-350	6/6/2011	350-352.5	VA0123	Reg	-0.60	0	0.14	20.4	15		9	1
	SVMW-14-450	6/6/2011	450-452.5	VA0124	Reg	-1.40	0	1.84	13.06	1532		10.0	1
SVMW-15	SVMW-15-150	6/9/2011	150-152.5	VA0126	Reg	-0.88	0	0.36	17.61	10		6.0	1
	SVMW-15-250	6/9/2011	250-252.5	VA0127	Reg	-0.96	0	0.48	18.73	53		8.0	1
	SVMW-15-350	6/9/2011	350-352.5	VA0128	Reg	-1.00	0	0.81	15.8	5184	a	9	1
	SVMW-15-450	6/9/2011	450-452.5	VA0129	Reg	-0.60	0	1.86	16.46	16974	a	12.0	1

a - Indicates hydrocarbon concentration (HC) determined by 9-times sample dilution

b - ST-106 manifold system inlet sampled with all extraction well valves open except for SVEW-07 which had a frozen valve

c - ST-106 manifold system inlet sampled with all extraction well valves open

Table 2-3
SVE Unit 249 Laboratory and Field Analytical Data
January through June 2011[a]
Kirtland Air Force Base, New Mexico

Laboratory Analytical Results[b]													
	Date	2/24/11	2/24/11	2/24/11	2/25/11	2/25/11	2/25/11	2/24/11	2/24/11	2/24/11	2/25/11	2/25/11	2/25/11
Parameter	Conc. Units	ST106 Unit 249 Influent	ST106 E1 Unit 249-Effluent	ST106 E2 Unit 249-Effluent	KAFB-1065 Unit 335 Influent	KAFB-1065 E1 Unit 335 Effluent	KAFB-1065 E2 Unit 335 Effluent	KAFB-1066 Unit 345 Influent	KAFB-1066 E1 Unit 345 Effluent	KAFB-1066 E2 Unit 345 Effluent	KAFB-1068 Unit 344 Influent	KAFB-1068 E1 Unit 344 Effluent	KAFB-1068 E2 Unit 344 Effluent
Benzene	ppm_v	530	2.3	0.69	5.30	0.29	0.32	680.00	0.18	8.30	31	7.4	36.00
Toluene	ppm_v	1,400	0.76	0.58	0.34	4.30	5.20	980.00		1.90	110	1.40	
Ethylbenzene	ppm_v	110	0.07	0.06	0.02	0.71	0.78	80.00			18		
Xylenes	ppm_v	356	ND- 0.8	ND- 0.8	0.15	4.20	5.30	80.00			57		
Hexane	ppm_v	3,400	8.00	3.90	1.13	0.88	0.55	2,600.00	0.16	4.10	122	9.60	129.00
1,3,5-Trimethylobenzene	ppm_v	ND (80)	ND (0.04)	ND (0.04)	ND (0.04)	0.28	0.26	ND (80)	ND (0.04)	ND (0.8)	ND (16)	ND (0.8)	ND (16)
1,2,4-Trimethylobenzene	ppm_v	ND (80)	ND (0.04)	ND (0.04)	ND (0.04)	0.65	0.64	ND (80)	ND (0.04)	ND (0.8)	ND (16)	ND (0.8)	ND (16)
Acetone	ppm_v	1,400	7.9	3.4	0.32	0.064 J	0.26	160.00	0	1.60	19	1.4	ND-16
1,2 Dibromomethane (EDB)	ppm_v	ND (80)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)	ND (80)	ND (0.04)	ND (0.8)	ND (16)	ND (0.8)	ND (16)
1,2-Dichlorethane (EDC)	ppm_v	ND (80)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)	ND (80)	ND (0.04)	ND (0.8)	ND (16)	ND (0.8)	ND (16)
Other organic compounds	ppm_v	2,727	26.81	13.46	67.8	37.5	55.0	1,600.0	1.0	60.5	130	105.40	1,200.00
C7-C12 GRO[c]	ppm_v	27,850	42.53	35.36	26.4	35.7	20.8	28,789.9	3.8	18.3	3,362	40.41	1,317.66
Total Lab VOC	ppm_v	36,373	80.5	54.1	101.1	83.6	87.9	34,809.9	5.1	93.1	3,830	164	2,683
Destruction Removal Efficiency (DRE)	%		99.78	99.85		17.36	13.04		99.99	99.73		95.71	29.95

Operational Field VOC DRE[d] Results[e]						
Location	Conc. Units	Date	ST106 Unit 249	KAFB-1065 Unit 335	KAFB-1066 Unit 345	KAFB-1068 Unit 344
Influent Concentration	ppm_v	5/12/2011	4,995	4,710	13,410	6,330
E1 Effluent Concentration	ppm_v	5/12/2011	345	148	330	355
E2 Effluent Concentration	ppm_v	5/12/2011	218	77	77	192
DRE[d]-E1	%	5/12/2011	93.09	96.86	97.54	94.39
DRE[d]-E2	%	5/12/2011	95.64	98.37	99.43	96.97

Notes:

a. 2nd quarter 2011 laboratory analytical data not available at the time of this report

b. ND - Not-detected. The compound was analyzed for but not detected, number indicates the detection limit.

c. Gasoline Range Organics, including butane, pentane, heptane, and other higher carbon compounds. A 0.25 factor of the detection limits was used for the non-detect compound in total calculations.

d. DRE - Destruction removal efficiency,

e. Data are based on Horiba field measurements on site for inlet, and post catalytic converters E1 and E2.

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Table 2-4
Summary of Vapor Operating Data Collected from
SVE Unit 249
January through June 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 249 (ST-106) - Combined Engines E1 and E2								
	Operating Time (hours)	Avg. Flow Rate (scfm)	Total Mass Recovery (lb/period)	Total Mass Recovery (gal/period)	Avg. Influent Vapor Conc. (ppmv)	Influent Vapor Conc. (ppmv)	Note[b]	Propane Use[c] (gal/period)	Propane Recovery Ratio[d] (gal/gal)
1/31/2011	1,453.64	33	14,582	2,352	11,745			1,904	0.81
2/28/2011	1,229.08	41	17,292	2,789	16,185	39,341	L	798	0.29
3/31/2011	1,514.70	39	21,050	3,395	18,263			785	0.23
4/30/2011	1,268.92	42	17,762	2,865	16,644	12,861	F	567	0.20
5/31/2011	1,488.11	43	19,949	3,218	17,520	4,995	F	432	0.13
6/30/2011	1,408.59	44	22,071	3,560	17,703	6,880	F	384	0.11
Total or *Average* 4/11 thru 6/2011	**4,166**	***43.0***	**59,783**	**9,642**	***17,289.0***			**1,382**	***0.15***
Total 7/03 thru 3/11			**1,273,920**	**205,471**					
Cum. Total thru 6/2011			**1,333,703**	**215,113**					
Calculated Quarterly Biodegradation 4/11 thru 6/2011				**2,015**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data.

b. F=field VOC measurement, L=laboratory VOC measurement

c. Actual propane usage are based on data from Merry Gas Company (505-877-1010).

d. Ratio =Propane used/NAPL-equivalent gallons recovered

Abbreviations

ICE - Internal combustion engine

ppmv - parts per million by volume

VOC - volatile organic compounds

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Table 2-5
Summary of Vapor Operating Data Collected from SVE Unit 335
January through June 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 335 (Well KAFB-1065) - Combined Engines E1 and E2								
	Operating Time (hours)	Avg. Flow Rate (scfm)	Total Mass Recovery (lb/period)	Total Mass Recovery (gal/period)	Avg. Influent Vapor Conc. (ppmv)	Influent Vapor Conc. (ppmv)	Note[b]	Propane Use[c] (gal/period)	Propane Recovery Ratio[d] (gal/gal)
1/31/2011	1,303.47	18	4,051	653	7,650	83.57	L	2,740	4.194
2/28/2011	1,112.27	15	1,803	291	4,872	87.94	L	2,095	7.205
3/31/2011	1,278.86	15	3,874	625	11,965			2,701	4.323
4/30/2011	1,155.79	15	2,391	386	6,751	6,090	F	2,027	5.254
5/31/2011	723.74	16	2,059	332	8,757	4,710	F	3,052	9.189
6/30/2011	1,061.81	13	1,973	318	6,990	7,510	F	1,243	3.906
Total or *Average* 4/11 thru 6/2011	**2,941**	***14.6***	**6,423**	**1,036**	***7,499.5***			**6,322**	***6.12***
Total 10/08 thru 3/11			**520,065**	**83,881**					
Cum. Total thru 6/2011			**526,488**	**84,917**					
Calculated Quarterly Biodegradation 4/11 thru 6/2011				**437**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data.

b. F=field VOC measurement, L=laboratory VOC measurement

c. Actual propane usage are based on data from Merry Gas Company (505-877-1010).

d. Ratio =Propane used/NAPL-equivalent gallons recovered

Abbreviations

ICE - Internal combustion engine

ppmv - parts per million by volume

VOC - volatile organic compounds

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Table 2-6
Summary of Vapor Operating Data Collected from SVE Unit 345
January through June 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 345 (Well KAFB-1066) - Combined Engines E1 and E2								
	Operating Time (hours)	Avg. Flow Rate (scfm)	Total Mass Recovery (lb/period)	Total Mass Recovery (gal/period)	Avg. Influent Vapor Conc. (ppmv)	Influent Vapor Conc. (ppmv)	Note[b]	Propane Use[c] (gal/period)	Propane Recovery Ratio[d] (gal/gal)
1/31/2011	1,220.21	35	15,157	2,445	15,626			879	0.360
2/28/2011	1,216.28	45	17,566	2,833	16,367	37,800	L	502	0.177
3/31/2011	1,245.33	33	13,682	2,207	25,282			1,604	0.727
4/30/2011	1,081.94	45	13,438	2,167	11,985	13,104	F	362	0.167
5/31/2011	1,400.70	40	14,425	2,327	13,679	13,410	F	951	0.409
6/30/2011	946.14	29	10,729	1,730	13,768	12,465	F	172	0.099
Total or *Average* 4/11 thru 6/2011	**3,429**	***37.7***	**38,592**	**6,224**	***13,143.9***			**1,485**	***0.23***
Total 3/09 thru 3/11			**325,928**	**52,569**					
Cum. Total thru 6/2011			**364,520**	**58,793**					
Calculated Quarterly Biodegradation 4/11 thru 6/2011				**174**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data.

b. F=field VOC measurement, L=laboratory VOC measurement

c. Actual propane usage are based on data from Merry Gas Company (505-877-1010).

d. Ratio =Propane used/NAPL-equivalent gallons recovered

Abbreviations

ICE - Internal combustion engine

ppmv - parts per million by volume

VOC - volatile organic compounds

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Table 2-7
Summary of Vapor Operating Data Collected from SVE Unit 344
January through June 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 344 (Well KAFB-1068) - Combined Engines E1 and E2								
	Operating Time (hours)	Avg. Flow Rate (scfm)	Total Mass Recovery (lb/period)	Total Mass Recovery (gal/period)	Avg. Influent Vapor Conc. (ppmv)	Influent Vapor Conc. (ppmv)	Note[b]	Propane Use[c] (gal/period)	Propane Recovery Ratio[d] (gal/gal)
1/31/2011	1,158.42	50	7,440	1,200	4,501			2,093	1.744
2/28/2011	1,164.88	50	7,039	1,135	5,356	5,313	L	2,182	1.922
3/31/2011	1,059.56	47	5,443	878	4,276			1,710	1.948
4/30/2011	1,029.52	52	5,773	931	4,829	7,530	F	1,731	1.859
5/31/2011	1,336.00	49	7,506	1,211	5,591	6,330	F	2,441	2.017
6/30/2011	720.66	42	3,329	537	4,730	7,460	F	1,533	2.855
Total or *Average* 4/11 thru 6/2011	**3,086**	***47.5***	**16,608**	**2,679**	***5,049.9***			**5,706**	***2.24***
Total 3/09 thru 3/11			**325,846**	**52,556**					
Cum. Total thru 6/2011			**342,454**	**55,235**					
Calculated Quarterly Biodegradation 4/11 thru 6/2011				**969**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data.

b. F=field VOC measurement, L=laboratory VOC measurement

c. Actual propane usage are based on data from Merry Gas Company (505-877-1010).

d. Ratio =Propane used/NAPL-equivalent gallons recovered

Abbreviations

ICE - Internal combustion engine

ppmv - parts per million by volume

VOC - volatile organic compounds

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Table 3-1. Geophysical Well Logging Details, December 2010 – June 2011

Well ID	Well Type	Date Logged
KAFB-106045	GW	3/21/2011
KAFB-106102	GW	3/29/2011
KAFB-106108	SVM	3/28/2011
KAFB-106109	SVM	3/28/2011
KAFB-106110	SVM	3/22/2011
KAFB-106111	SVM	3/22/2011
KAFB-106112	SVM	3/24/2011
KAFB-106113	SVM	3/23/2011
KAFB-106114	SVM	3/23/2011
KAFB-106115	SVM	3/23/2011
KAFB-106116	SVM	3/23/2011
KAFB-106117	SVM	3/24/2011
KAFB-106118	SVM	3/25/2011
KAFB-106119	SVM	3/22/2011
KAFB-106128	SVM	3/24/2011
KAFB-106129	SVM	3/24/2011
KAFB-106130	SVM	3/28/2011
KAFB-106131	SVM	3/23/2011
KAFB-106132	SVM	3/25/2011
KAFB-106133	SVM	3/25/2011
KAFB-106134	SVM	3/25/2011
KAFB-106135	SVM	3/28/2011
KAFB-106137	SVM	3/28/2011
KAFB-106139	SVM	3/29/2011
KAFB-106140	SVM	3/22/2011
KAFB-106048	GW	4/29/2011
KAFB-106061	GW	4/28/2011
KAFB-106062	GW	4/27/2011
KAFB-106078	GW	4/26/2011
KAFB-106081	GW	4/28/2011
KAFB-106084	GW	4/30/2011
KAFB-106098	GW	5/1/2011
KAFB-106138	SVM	5/1/2011
KAFB-106141	SVM	4/30/2011
KAFB-106142	SVM	5/1/2011
KAFB-10610	GW	12/8/2010
KAFB-10611	GW	12/14/2010

Table 3-1. Geophysical Well Logging Details, December 2010 – June 2011 (concluded)

Well ID	Well Type	Date Logged
KAFB-10612	GW	12/14/2010
KAFB-10613	GW	12/18/2010
KAFB-10614	GW	12/15/2010
KAFB-10615	GW	12/20/2010
KAFB-10616	GW	12/13/2010
KAFB-10617	GW	12/16/2010
KAFB-10618	GW	12/16/2010
KAFB-10619	GW	12/20/2010
KAFB-1061	GW	12/9/2010
KAFB-10620	GW	12/18/2010
KAFB-10621	GW	12/16/2010
KAFB-10622	GW	12/17/2010
KAFB-10623	GW	12/17/2010
KAFB-10624	GW	12/7/2010
KAFB-10625	GW	12/17/2010
KAFB-10626	GW	12/20/2010
KAFB-10627	GW	12/7/2010
KAFB-10628	GW	12/8/2010
KAFB-1062	GW	12/15/2010
KAFB-1063	GW	12/15/2010
KAFB-1064	GW	12/18/2010
KAFB-1065	GW	12/21/2010
KAFB-1066	GW	12/21/2010
KAFB-1067	GW	12/14/2010
KAFB-1068	GW	12/21/2010
KAFB-1069	GW	12/21/2010
KAFB-3411	GW	12/13/2010

Table 3-2. Groundwater Well Construction Details, January - June 2011

WELL ID	NMED ID	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	TOP WELL VAULT ELEVATION	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW TOP OF WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
Quarter 02 Report 2011 Wells															
KAFB-106029	GWM-01 (not sampled)	06/04/11	1542386.20	1477074.41	5310.92	5310.96	5310.47	0.49	490.00	11.75	5.00	PVC/PVC screen	450.0-470.0	4860.92-4840.92	0.010
KAFB-106030		05/25/11	1542387.64	1477103.65	5310.96	5311.02	5310.30	0.72	510.00	11.75	5.00	PVC/PVC screen	470.0-484.0	4840.96-4826.96	0.010
KAFB-106031		05/25/11	1542388.11	1477132.36	5311.02	5311.06	5310.20	0.86	540.00	11.75	5.00	PVC/PVC screen	495.0-509.0	4816.02-4802.02	0.010
KAFB-106046	GWM-07 (not sampled)	04/04/11	1542835.69	1473605.46	5352.83	5352.92	5352.18	0.74	535.00	11.75	5.00	PVC/PVC screen	490.0-510.0	4862.83-4842.83	0.010
KAFB-106047		03/30/11	1542779.19	1473602.06	5352.78	5352.82	5352.11	0.71	550.00	11.75	5.00	PVC/PVC screen	512.0-527.0	4840.78-4825.78	0.010
KAFB-106048		03/20/11	1542804.55	1473620.55	5352.59	5352.59	5351.93	0.66	577.00	11.75	5.00	PVC/PVC screen	535.0-550.0	4817.59-4802.59	0.010
KAFB-106049	GWM-08 (not sampled)	05/13/11	1542707.55	1477682.53	5316.11	5316.15	5315.68	0.47	500.00	11.75	5.00	PVC/PVC screen	457.0-477.0	4859.11-4839.11	0.010
KAFB-106050		05/02/11	1542708.50	1477761.67	5315.69	5315.58	5314.92	0.66	510.00	11.75	5.00	PVC/PVC screen	475.0-489.0	4840.69-4826.69	0.010
KAFB-106051		04/26/11	1542708.24	1477727.07	5315.82	5315.88	5315.17	0.71	540.00	11.75	5.00	PVC/PVC screen	502.0-515.0	4813.82-4800.82	0.010
KAFB-106059	GWM-11 (sampled)	04/07/11	1541720.89	1473683.68	5344.67	5344.80	5344.13	0.67	515.00	11.75	5.00	PVC/PVC screen	483.0-503.0	4861.67-4841.67	0.010
KAFB-106060		04/16/11	1541743.26	1473661.60	5345.21	5345.34	5344.35	0.99	530.00	11.75	5.00	PVC/PVC screen	503.0-518.0	4842.21-4827.21	0.010
KAFB-106061		04/08/11	1541758.46	1473682.37	5344.97	5345.23	5344.52	0.71	600.00	11.75	5.00	PVC/PVC screen	573.0-588.0	4771.97-4756.97	0.010
KAFB-106062	GWM- 12 (sampled)	03/19/11	1542384.97	1473789.19	5348.10	5351.21	5350.59	0.62	515.00	11.75	5.00	PVC/PVC screen	575.0-590.0	4773.10-4758.10	0.010
KAFB-106063		04/08/11	1542371.24	1473763.87	5348.50	5351.88	5351.19	0.69	530.00	11.75	5.00	PVC/PVC screen	505.0-520.0	4843.50-4824.50	0.010
KAFB-106064		03/24/11	1542358.77	1473788.67	5347.90	5351.08	5350.50	0.58	600.00	11.75	5.00	PVC/PVC screen	485.0-505.0	4862.90-4842.90	0.010
KAFB-106065	GWM-13 (not sampled)	05/17/11	1542287.64	1474324.70	5348.68	5348.82	5348.09	0.73	540.00	11.75	5.00	PVC/PVC screen	508.0-523.0	4840.7-4825.7	0.010
KAFB-106066		05/16/11	1542329.23	1474375.42	5349.06	5349.13	5348.52	0.61	620.00	11.75	5.00	PVC/PVC screen	575.6-590.6	4773.5-4753.3	0.010
KAFB-106067	GWM-14 (not sampled)	05/11/11	1542741.51	1474717.47	5347.56	5347.53	5346.46	1.07	520.00	11.75	5.00	PVC/PVC screen	485.0-505.0	4862.6-4842.6	0.010
KAFB-106068		05/02/11	1542717.55	1474727.02	5347.19	5347.23	5346.46	0.77	620.00	11.75	5.00	PVC/PVC screen	580.0-595.0	4767.19-4752.49	0.010
KAFB-106069		05/01/11	1542719.86	1474700.28	5347.20	5347.28	5346.52	0.76	560.00	11.75	5.00	PVC/PVC screen	506.0-521.0	4841.20-4826.20	0.010
KAFB-106070	GWM-15 (not sampled)	05/23/11	1542890.62	1475942.55	5318.46	5318.49	5317.77	0.72	507.00	11.75	5.00	PVC/PVC screen	460.0-480.0	4858.46-4838.46	0.010
KAFB-106071		05/13/11	1542895.61	1475834.17	5320.80	5320.85	5320.18	0.67	595.00	11.75	5.00	PVC/PVC screen	548.0-563.0	4772.80-4757.80	0.010
KAFB-106072		05/01/11	1542890.78	1475908.89	5319.32	5319.31	5318.59	0.72	518.00	11.75	5.00	PVC/PVC screen	475.0-495.0	4844.32-4824.32	0.010
KAFB-106073	GWM-16 (not sampled)	05/05/11	1542192.81	1475261.56	5339.69	5339.77	5339.11	0.66	540.00	11.75	5.00	PVC/PVC screen	500.0-514.0	4839.69-4825.69	0.010
KAFB-106074		04/28/11	1542169.66	1475243.54	5340.60	5340.64	5339.87	0.77	620.00	11.75	5.00	PVC/PVC screen	570.0-584.0	4770.60-4756.60	0.010
KAFB-106075		04/17/11	1542201.38	1475231.39	5340.51	5340.54	5340.16	0.38	520.00	11.75	5.00	PVC/PVC screen	480.0-500.0	4860.51-4840.51	0.010
KAFB-106076	GWM-17 (sampled)	03/15/11	1541808.66	1473219.08	5344.82	5344.84	5344.08	0.76	515.00	11.75	5.00	PVC/PVC screen	480.0-500.0	4864.82-4844.82	0.010
KAFB-106077		04/05/11	1541790.46	1473203.06	5344.74	5344.73	5344.04	0.69	530.00	11.75	5.00	PVC/PVC screen	504.0-519.0	4840.74-4825.74	0.010
KAFB-106078		03/31/11	1541775.23	1473218.09	5344.63	5344.62	5343.92	0.70	600.00	11.75	5.00	PVC/PVC screen	573.0-588.0	4771.63-4756.63	0.010
KAFB-106079	GWM-18 (sampled)	03/22/11	1542252.75	1474078.44	5346.64	5349.66	5349.00	0.66	515.00	11.75	5.00	PVC/PVC screen	485.0-505.0	4861.64-4841.64	0.010
KAFB-106080		04/17/11	1542217.40	1474030.32	5345.54	5348.45	5347.95	0.50	540.00	11.75	5.00	PVC/PVC screen	503.0-518.0	4842.54-4827.54	0.010
KAFB-106081		04/16/11	1542190.58	1474076.87	5346.39	5349.47	5349.07	0.40	617.00	11.75	5.00	PVC/PVC screen	575.0-589.0	4771.39-4757.39	0.010
KAFB-106082	GWM-19 (not sampled)	04/05/11	1542571.40	1475334.04	5334.79	5334.93	5334.21	0.72	505.00	11.75	5.00	PVC/PVC screen	472.0-492.0	4862.79-4842.79	0.010
KAFB-106083		04/15/11	1542525.96	1475340.93	5334.51	5334.82	5334.15	0.67	530.00	11.75	5.00	PVC/PVC screen	495.0-510.0	4839.51-4824.51	0.010
KAFB-106084		04/05/11	1542558.35	1475358.10	5334.03	5334.21	5333.55	0.66	605.00	11.75	5.00	PVC/PVC screen	566.0-581.0	4768.06-4753.03	0.010
KAFB-106088	GWM-21 (not sampled)	06/03/11	1543228.95	1475764.10	5324.27	5324.27	5323.33	0.94	498.00	11.75	5.00	PVC/PVC screen	460.0-480.0	4864.27-4844.27	0.010
KAFB-106089		05/23/11	1543221.51	1475795.63	5323.58	5323.61	5322.69	0.92	518.00	11.75	5.00	PVC/PVC screen	481.0-496.0	4842.58-4827.58	0.010
KAFB-106090		05/23/11	1543216.29	1475823.54	5322.91	5322.94	5321.87	1.07	587.00	11.75	5.00	PVC/PVC screen	555.0-570.0	4767.91-4752.91	0.010
KAFB-106091	GWM-22 (not sampled	06/04/11	1543010.80	1476816.23	5314.28	5314.35	5313.58	0.77	500.00	11.75	5.00	PVC/PVC screen	454.0-474.0	4860.28-4840.28	0.010
KAFB-106092		05/24/11	1543042.05	1476798.05	5314.47	5314.51	5313.95	0.56	520.00	11.75	5.00	PVC/PVC screen	474.0-489.0	4840.47-4825.47	0.010
KAFB-106093		05/24/11	1543042.38	1476828.18	5314.43	5314.49	5313.86	0.63	600.00	11.75	5.00	PVC/PVC screen	544.0-559.0	4770.43-4755.43	0.010
KAFB-106097	GWM-24 (not sampled)	04/27/11	1541706.30	1474734.32	5347.73	5347.87	5347.19	0.68	540.00	11.75	5.00	PVC/PVC screen	506.0-521.0	4841.73-4826.73	0.010
KAFB-106098		04/17/11	1541702.87	1474763.79	5347.98	5347.93	5347.28	0.65	580.00	11.75	5.00	PVC/PVC screen	531.0-546.0	4816.98-4801.98	0.010
KAFB-106099	GWM-25 (not sampled)	05/12/10	1541014.77	1474352.00	5342.79	5342.90	5342.21	0.69	550.00	11.75	5.00	PVC/PVC screen	501.0-516.0	4841.79-4826.79	0.010
KAFB-106100		05/03/11	1541027.97	1474326.52	5342.75	5342.84	5341.96	0.88	570.00	11.75	5.00	PVC/PVC screen	526.0-541.0	4819.75-4801.75	0.010

Table 3-2. Groundwater Well Construction Details, January - June 2011

WELL ID	NMED ID	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	TOP WELL VAULT ELEVATION	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW TOP OF WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
Quarter 01 Report 2011 Wells															
KAFB-106044	GWM-06 (not sampled)	01/07/11	1541447.86	1472371.99	5345.67	5348.84	5348.52	0.32	524.00	10	5.00	PVC/PVC screen	504.0-519.0		0.010
KAFB-106045		01/17/11	1541417.96	1472400.65	5345.32	5348.48	5348.13	0.35	548.00	10	5.00	PVC/PVC screen	528.0-543.0		523-548
KAFB-106101	GWM-26 (not sampled)	02/21/11	1540432.84	1474037.52	5337.35	5340.33	5339.77	0.56	520.00	10	5.00	PVC/PVC screen	496.0-511.0		491-515
KAFB-106102		03/03/11	1540402.12	1474038.66	5337.40	5340.28	5339.78	0.50	550.00	10	5.00	PVC/PVC screen	520.0-535.0		518-542

[a] Horizontal Coordinate System: NM_NAD83_ST_PL_Central_FIPS_3002_Feet
[b] Vertical Coordinate System: NAVD88

FAMSL Feet Above Mean Sea Level
FT BGS Feet Below Ground Surface
ID Identification
IN Inches
NAD83 North American Datum of 1983
NAVD88 North American Vertical Datum of 1988
NMED New Mexico Environment Department
PVC Polyvinyl Chloride

Table 3-3. Continuous Core Samples Collected for Mobility Testing Unified Soil Classification System

Well ID	Sample ID	Depth (ft bgs)	Date Sampled	USCS
KAFB-106078	10678-GEO1	486 - 489	3/21/11	Well graded GRAVEL (GW)
KAFB-106081	10681-GEO1	489 - 492	3/29/11	Poorly graded SAND (SP)
	10681-GEO2	450 - 452	3/29/11	SILT (ML)
KAFB-106063	10663-GEO2	335 - 336	3/30/11	Poorly graded SAND (SP)
	10663-GEO1	489 - 490.5	4/1/11	Poorly graded SAND (SP)
KAFB-106059	10659-GEO2	304 - 306	4/3/11	Well Graded SAND/Well Graded GRAVEL (SW/GW)
KAFB-106080	10680-GEO2	427 - 428	4/5/11	Silty SAND (SM)
KAFB-106060	10660-GEO1	486 - 489	4/14/11	Well graded SAND (SW)

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Table 3-4. SVM Well Construction Details, January - June 2011

WELL ID	NMED ID AND LOCATION	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	MEASURING POINT-TOP OF WELL VAULT ELEVATION (FAMSL)	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
Quarter 02 Report 2011 Wells															
KAFB-106116															
KAFB-106116-025	SVM-09 (sampled)	3/10/2011	1541894.58	1473296.42	5346.17	5346.53	5346.01	0.52	25.00	11.75	0.75	PVC	10.0- 20.0	5336.17- 5326.17	0.05
KAFB-106116-050	Fuel Percolation Area		1541894.90	1473296.44	5346.17	5346.53	5346.03	0.50	50.00	11.75	0.75	PVC	40.0- 50.0	5306.17- 5296.17	0.05
KAFB-106116-150			1541894.47	1473296.67	5346.17	5346.53	5346.02	0.51	150.00	9.63	0.75	PVC	145.0- 155.0	5201.17-5191.17	0.05
KAFB-106116-250			1541894.69	1473296.88	5346.17	5346.53	5346.02	0.51	250.00	9.63	0.75	PVC	235.0- 245.0	5111.17-5101.17	0.05
KAFB-106116-350			1541894.97	1473296.72	5346.17	5346.53	5346.01	0.52	350.00	9.63	0.75	PVC	340.0- 350.0	5006.17- 4996.17	0.05
KAFB-106116-450			1541894.69	1473296.72	5346.17	5346.53	5346.01	0.52	450.00	9.63	3.00	PVC	440.0- 450.0	4906.17- 4896.17	0.05
KAFB-106117															
KAFB-106117-025	SVM-10 (sampled)	3/15/2011	1541727.84	1473366.34	5345.29	5345.59	5344.75	0.84	25.00	11.75	0.75	PVC	15.0- 25.0	5330.29- 5320.29	0.05
KAFB-106117-050	Fuel Percolation Area		1541727.98	1473366.56	5345.29	5345.59	5344.79	0.80	50.00	11.75	0.75	PVC	40.0- 50.0	5305.29-5295.29	0.05
KAFB-106117-150			1541727.79	1473366.81	5345.29	5345.59	5344.76	0.83	150.00	9.63	0.75	PVC	145.0- 155.0	5200.29- 5190.29	0.05
KAFB-106117-250			1541727.52	1473366.70	5345.29	5345.59	5344.77	0.82	250.00	9.63	0.75	PVC	235.0- 245.0	5110.29-5100.29	0.05
KAFB-106117-350			1541727.53	1473366.42	5345.29	5345.59	5344.75	0.84	350.00	9.63	0.75	PVC	340.0- 350.0	5005.29- 4995.29	0.05
KAFB-106117-450			1541727.76	1473366.68	5345.29	5345.59	5344.79	0.80	450.00	9.63	3.00	PVC	440.0- 450.0	4905.29-4895.29	0.05
KAFB-106121															
KAFB-106121-025	SVM-14 (sampled)	5/25/2011	1542051.53	1472805.85	5343.78	5343.84	5343.48	0.36	25.00	11.75	0.75	PVC	15.0- 25.0	5328.78- 5318.78	0.05
KAFB-106121-050	Tank Farm		1542051.78	1472805.67	5343.78	5343.84	5343.48	0.36	50.00	11.75	0.75	PVC	40.0- 50.0	5303.78- 5293.78	0.05
KAFB-106121-145			1542051.25	1472805.62	5343.78	5343.84	5343.50	0.34	145.00	9.63	0.75	PVC	135.0- 145.0	5208.78- 5198.78	0.05
KAFB-106121-250			1542051.37	1472805.36	5343.78	5343.84	5343.47	0.37	250.00	9.63	0.75	PVC	240.0- 250.0	5103.78- 5093.78	0.05
KAFB-106121-350			1542051.75	1472805.38	5343.78	5343.84	5343.45	0.39	350.00	9.63	0.75	PVC	340.0- 350.0	5003.78- 4993.78	0.05
KAFB-106121-450			1542051.48	1472805.67	5343.78	5343.84	5343.50	0.34	450.00	9.63	3.00	PVC	430.0- 440.0	4913.78- 4903.78	0.05
KAFB-106123															
KAFB-106123-025	SVM- 16 (sampled)	5/31/2011	1542010.82	1472850.41	5344.10	5344.24	5343.70	0.54	25.00	11.75	0.75	PVC	15.0- 25.0	5329.10- 5319.10	0.05
KAFB-106123-050	Tank Farm		1542010.70	1472850.68	5344.10	5344.24	5343.75	0.49	50.00	11.75	0.75	PVC	40.0- 50.0	5304.10-5294.10	0.05
KAFB-106123-150			1542010.34	1472850.66	5344.10	5344.24	5343.75	0.49	150.00	9.63	0.75	PVC	140.0- 150.0	5204.10- 5194.10	0.05
KAFB-106123-250			1542010.28	1472850.35	5344.10	5344.24	5343.77	0.47	250.00	9.63	0.75	PVC	240.0- 250.0	5104.10- 5094.10	0.05
KAFB-106123-350			1542010.56	1472850.17	5344.10	5344.24	5343.74	0.50	350.00	9.63	0.75	PVC	340.0- 350.0	5004.10- 4994.10	0.05
KAFB-106123-450			1542010.51	1472850.56	5344.10	5344.24	5343.72	0.52	450.00	9.63	3.00	PVC	432.0- 442.0	4912.10- 4092.10	0.05
KAFB-106128															
KAFB-106128-025	SVM- 21 (sampled)	3/8/2011	1541619.61	1473223.25	5343.80	5343.85	5343.58	0.27	128.00	11.75	0.75	PVC	15.0- 25.0	5328.80- 5318.80	0.05
KAFB-106128-050	Fuel Percolation Area		1541619.5	1473223.98	5343.80	5343.85	5343.57	0.28	128.00	11.75	0.75	PVC	40.0- 50.0	5303.80- 5293.80	0.05
KAFB-106128-150			1541619.72	1473223.78	5343.80	5343.85	5343.55	0.30	128.00	9.63	0.75	PVC	150.0- 160.0	5193.80- 5183.80	0.05
KAFB-106128-250			1541619.98	1473223.92	5343.80	5343.85	5343.60	0.25	128.00	9.63	0.75	PVC	240.0- 250.0	5103.80- 5093.80	0.05
KAFB-106128-350			1541619.92	1473223.25	5343.80	5343.85	5343.57	0.28	128.00	9.63	0.75	PVC	340.0- 350.0	5003.80- 4993.80	0.05
KAFB-106128-450			1541619.72	1473223.15	5343.80	5343.85	5343.57	0.28	128.00	9.63	3.00	PVC	440.0- 450.0	4903.80- 4893.80	0.05
KAFB-106138															
KAFB-106138-025	SVM- 04 (not sampled)	4/7/2011	1541536.74	1475005.68	5347.43	5347.42	5347.17	0.25	25.00	11.75	0.75	PVC	15.0- 25.0	5332.43- 5322.43	0.05
KAFB-106138-050	Far Field		1541536.40	1475005.57	5347.43	5347.42	5347.15	0.27	50.00	11.75	0.75	PVC	40.0- 50.0	5307.43- 5297.43	0.05
KAFB-106138-150			1541536.37	1475005.28	5347.43	5347.42	5347.13	0.29	150.00	9.63	0.75	PVC	140.0- 150.0	5207.43- 5197.43	0.05
KAFB-106138-250			1541536.65	1475005.17	5347.43	5347.42	5347.15	0.27	250.00	9.63	0.75	PVC	240.0- 250.0	5107.43- 5097.43	0.05
KAFB-106138-350			1541536.87	1475005.42	5347.43	5347.42	5347.24	0.18	350.00	9.63	0.75	PVC	340.0- 350.0	5007.43- 4997.43	0.05
KAFB-106138-450			1541536.57	1475005.51	5347.43	5347.42	5347.16	0.26	450.00	9.63	3.00	PVC	440.0- 450.0	4907.43- 4897.43	0.05

Table 3-4. SVM Well Construction Details, January - June 2011

WELL ID	NMED ID AND LOCATION	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	MEASURING POINT-TOP OF WELL VAULT ELEVATION (FAMSL)	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
KAFB-106141															
KAFB-106141-025	SVM- 08 (not sampled)	4/15/2011	1542470.87	1475343.43	5334.41	5334.68	5334.18	0.50	25.00	11.75	0.75	PVC	15.0- 250.0	5319.41- 5309.41	0.05
KAFB-106141-050	Far Field		1542470.00	1475343.69	5334.41	5334.68	5334.24	0.44	50.00	11.75	0.75	PVC	50.0- 60.0	5284.41- 5274.41	0.05
KAFB-106141-170			1542470.84	1475343.91	5334.41	5334.68	5334.21	0.47	170.00	11.75	0.75	PVC	160.0- 170.0	5174.41- 5164.41	0.05
KAFB-106141-250			1542470.55	1475343.81	5334.41	5334.68	5334.23	0.45	250.00	11.75	0.75	PVC	240.0- 250.0	5094.41- 5084.41	0.05
KAFB-106141-350			1542470.58	1475343.53	5334.41	5334.68	5334.24	0.44	350.00	11.75	0.75	PVC	340.0- 350.0	4994.41- 4984.41	0.05
KAFB-106141-450			1542470.78	1475343.76	5334.41	5334.68	5334.23	0.45	450.00	11.75	3.00	PVC	440.0- 450.0	4894.41- 4884.41	0.05
KAFB-106142															
KAFB-106142-030	SVM- 09 (not sampled)	4/21/2011	1542455.68	1474944.03	5349.19	5349.55	5349.15	0.40	25.00	11.75	0.75	PVC	20.0- 30.0	5329.19- 5319.19	0.05
KAFB-106142-050	Far Field		1542455.43	1474944.16	5349.19	5349.55	5349.16	0.39	50.00	11.75	0.75	PVC	40.0- 50.0	5309.19- 5299.19	0.05
KAFB-106142-170			1542455.22	1474944.94	5349.19	5349.55	5349.14	0.41	170.00	11.75	0.75	PVC	160.0- 170.0	5189.19- 5179.19	0.05
KAFB-106142-250			1542455.37	1474944.66	5349.19	5349.55	5349.18	0.37	250.00	11.75	0.75	PVC	240.0- 250.0	5109.19- 5099.19	0.05
KAFB-106142-350			1542455.67	1474944.75	5349.19	5349.55	5349.17	0.38	350.00	11.75	0.75	PVC	340.0- 350.0	5009.19- 4999.19	0.05
KAFB-106142-450			1542455.49	1474944.00	5349.19	5349.55	5349.16	0.39	450.00	11.75	3.00	PVC	440.0- 450.0	4909.19- 4899.19	0.05
Quarter 01 Report 2011 Wells															
KAFB-106108															
KAFB-106108-025	SVM-01 (sampled)	2/18/2011	1541083.873	1473729.708	5341.9	5341.92	5341.5	0.42	25.00	12	0.75	PVC	15.3-25.3	5326.6-5316.6	0.05
KAFB-106108-050	Fuel Offloading Rack		1541083.74	1473729.47	5341.9	5341.92	5341.48	0.44	50.00	12	0.75	PVC	40-50	5301.9-5291.9	0.05
KAFB-106108-150			1541083.96	1473729.28	5341.9	5341.92	5341.48	0.44	150.00	12	0.75	PVC	140.2-150.2	5201.7-5191.7	0.05
KAFB-106108-250			1541084.209	1473729.417	5341.9	5341.92	5341.46	0.46	250.00	10	0.75	PVC	240.3-250.3	5101.6-5091.6	0.05
KAFB-106108-350			1541084.141	1473729.721	5341.9	5341.92	5341.53	0.39	350.00	10	0.75	PVC	340.3-350.3	5001.6-4991.6	0.05
KAFB-106108-450			1541083.988	1473730.111	5341.9	5341.92	5341.53	0.39	450.00	10	3.00	PVC	440-450	4901.9-4891.9	0.05
KAFB-106109															
KAFB-106109-025	SVM-02 (sampled)	2/9/2011	1540803.708	1473477.615	5338.7	5338.94	5338.36	0.58	25.00	12	0.75	PVC	15.2-25.2	5323.5-5313.5	0.05
KAFB-106109-050	Fuel Offloading Rack		1540803.89	1473477.83	5338.7	5338.94	5338.33	0.61	50.00	12	0.75	PVC	40.1-50.1	5298.6-5288.6	0.05
KAFB-106109-150			1540803.715	1473478.113	5338.7	5338.94	5338.29	0.65	150.00	12	0.75	PVC	140-150	5198.7-5188.7	0.05
KAFB-106109-250			1540803.427	1473478.025	5338.7	5338.94	5338.43	0.51	250.00	10	0.75	PVC	240.2-250.2	5098.5-5088.5	0.05
KAFB-106109-350			1540803.418	1473477.7	5338.7	5338.94	5338.39	0.55	350.00	10	0.75	PVC	340.6-350.6	4998.1-4988.1	0.05
KAFB-106109-450			1540803.649	1473477.953	5338.7	5338.94	5338.41	0.53	450.00	10	3.00	PVC	440-450	4898.7-4888.7	0.05
KAFB-106110															
KAFB-106110-025	SVM-03 (sampled)	2/24/2011	1541121.576	1473283.478	5340.5	5340.52	5340.12	0.40	25.00	12	0.75	PVC	15-25	5325.4-5315.4	0.05
KAFB-106110-050	Fuel Offloading Rack		1541121.34	1473283.26	5340.5	5340.52	5340.12	0.40	50.00	12	0.75	PVC	40.1-50.1	5300.3-5290.3	0.05
KAFB-106110-150			1541121.492	1473283.022	5340.5	5340.52	5340.09	0.43	150.00	12	0.75	PVC	140.3-150.3	5200.1-5190.1	0.05
KAFB-106110-250			1541121.745	1473283.066	5340.5	5340.52	5340.1	0.42	250.00	10	0.75	PVC	240-250	5100.4-5090.4	0.05
KAFB-106110-350			1541121.804	1473283.349	5340.5	5340.52	5340.11	0.41	350.00	10	0.75	PVC	340.2-350.2	5000.2-4990.2	0.05
KAFB-106110-450			1541121.596	1473283.809	5340.5	5340.52	5340.14	0.38	450.00	10	3.00	PVC	440-450	4900.4-4890.4	0.05
KAFB-106111															
KAFB-106111-025	SVM-04 (sampled)	3/4/2011	1541335.959	1473286.168	5341.4	5341.57	5340.99	0.58	25.00	12	0.75	PVC	15.2-25.2	5326.1-5316.1	0.05
KAFB-106111-050	Fuel Offloading Rack		1541336.14	1473285.95	5341.4	5341.57	5341.07	0.50	50.00	12	0.75	PVC	40.1-50.1	5301.2-5291.2	0.05
KAFB-106111-150			1541336.402	1473286.06	5341.4	5341.57	5341.1	0.47	150.00	12	0.75	PVC	140.3-150.3	5201.0-5191.0	0.05
KAFB-106111-250			1541336.379	1473286.316	5341.4	5341.57	5341.13	0.44	250.00	10	0.75	PVC	240.3-250.3	5101.0-5091.0	0.05
KAFB-106111-350			1541336.078	1473286.395	5341.4	5341.57	5341.05	0.52	350.00	10	0.75	PVC	340.4-350.4	5000.9-4990.9	0.05
KAFB-106111-450			1541336.131	1473286.632	5341.4	5341.57	5341.04	0.53	450.00	10	3.00	PVC	440.3-450.3	4901.0-4891.0	0.05

Table 3-4. SVM Well Construction Details, January - June 2011

WELL ID	NMED ID AND LOCATION	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	MEASURING POINT-TOP OF WELL VAULT ELEVATION (FAMSL)	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
KAFB-106112															
KAFB-106112-025	SVM-05 (sampled)	2/24/2011	1541936.537	1473503.091	5347.7	5347.79	5347.24	0.55	25.00	12	0.75	PVC	15-25	5332.6-5322.6	0.05
KAFB-106112-050	Fuel Percolation Area		1541936.70	1473502.85	5347.7	5347.79	5347.22	0.57	50.00	12	0.75	PVC	40-50	5307.6-5297.6	0.05
KAFB-106112-150			1541936.98	1473502.945	5347.7	5347.79	5347.25	0.54	150.00	12	0.75	PVC	140-150	5207.6-5197.6	0.05
KAFB-106112-250			1541937.008	1473503.218	5347.7	5347.79	5347.26	0.53	250.00	10	0.75	PVC	240-250	5107.6-5097.6	0.05
KAFB-106112-350			1541936.724	1473503.344	5347.7	5347.79	5347.27	0.52	350.00	10	0.75	PVC	339-349	5008.6-4998.6	0.05
KAFB-106112-450			1541936.797	1473503.676	5347.7	5347.79	5347.29	0.50	450.00	10	3.00	PVC	439-449	4908.6-4898.6	0.05
KAFB-106113															
KAFB-106113-020	SVM-06 (sampled)	2/8/2011	1542004.37	1473062.154	5345.8	5346.08	5345.5	0.58	20.00	12	0.75	PVC	10-20	5335.8-5325.8	0.05
KAFB-106113-050	Piping		1542004.23	1473061.84	5345.8	5346.08	5345.49	0.59	50.00	12	0.75	PVC	40-50	5305.8-5295.8	0.05
KAFB-106113-150			1542004.477	1473061.645	5345.8	5346.08	5345.49	0.59	150.00	12	0.75	PVC	140-150	5205.8-5195.8	0.05
KAFB-106113-250			1542004.788	1473061.798	5345.8	5346.08	5345.51	0.57	250.00	10	0.75	PVC	240-250	5105.8-5095.8	0.05
KAFB-106113-350			1542004.698	1473062.067	5345.8	5346.08	5345.55	0.53	350.00	10	0.75	PVC	340-350	5005.8-4995.8	0.05
KAFB-106113-450			1542004.505	1473062.009	5345.8	5346.08	5345.59	0.49	450.00	10	3.00	PVC	440-450	4905.08-4895.8	0.05
KAFB-106114															
KAFB-106114-025	SVM-07 (sampled)	3/1/2011	1541796.487	1473062.352	5344.8	5344.92	5344.6	0.32	25.00	12	0.75	PVC	15-25	5329.8-5319.8	0.05
KAFB-106114-050	Piping		1541796.24	1473062.13	5344.8	5344.92	5344.60	0.32	50.00	12	0.75	PVC	40-50	5304.8-5294.8	0.05
KAFB-106114-150			1541796.374	1473061.844	5344.8	5344.92	5344.62	0.30	150.00	12	0.75	PVC	140-150	5204.8-5194.8	0.05
KAFB-106114-250			1541796.679	1473061.865	5344.8	5344.92	5344.57	0.35	250.00	10	0.75	PVC	235-245	5109.8-5099.8	0.05
KAFB-106114-350			1541796.712	1473062.174	5344.8	5344.92	5344.59	0.33	350.00	10	0.75	PVC	340-350	5004.8-4994.8	0.05
KAFB-106114-450			1541796.542	1473062.625	5344.8	5344.92	5344.64	0.28	450.00	10	3.00	PVC	439.6-449.6	4905.2-4895.2	0.05
KAFB-106115															
KAFB-106115-025	SVM-08 (sampled)	2/20/2011	1542375.31	1473054.864	5348.0	5348.12	5347.63	0.49	25.00	12	0.75	PVC	14.6-24.6	5333.3-5323.3	0.05
KAFB-106115-050	Piping		1542375.13	1473054.62	5348.0	5348.12	5347.60	0.52	50.00	12	0.75	PVC	39.6-49.6	5308.3-5298.3	0.05
KAFB-106115-150			1542374.863	1473054.656	5348.0	5348.12	5347.63	0.49	150.00	12	0.75	PVC	144.6-154.6	5203.3-5193.3	0.05
KAFB-106115-250			1542374.827	1473054.944	5348.0	5348.12	5347.65	0.47	250.00	10	0.75	PVC	239.6-249.6	5108.3-5098.3	0.05
KAFB-106115-350			1542375.104	1473055.004	5348.0	5348.12	5347.69	0.43	350.00	10	0.75	PVC	339.6-349.6	5008.3-4998.3	0.05
KAFB-106115-450			1542375.074	1473055.207	5348.0	5348.12	5347.67	0.45	450.00	10	3.00	PVC	439.6-449.6	4908.3-48938.3	0.05
KAFB-106118															
KAFB-106118-025	SVM-11 (sampled)	3/7/2011	1541791.34	1473740.738	5345.8	5345.89	5345.47	0.42	25.00	12	0.75	PVC	15-25	5330.8-5320.8	0.05
KAFB-106118-050	Step-out from Fuel Offlo		1541791.435	1473741.027	5345.8	5345.89	5345.44	0.45	50.00	12	0.75	PVC	40-50	5305.8-5295.8	0.05
KAFB-106118-160			1541791.542	1473740.552	5345.8	5345.89	5345.44	0.45	160.00	12	0.75	PVC	150-160	5195.8-5185.8	0.05
KAFB-106118-265			1541791.758	1473741.001	5345.8	5345.89	5345.45	0.44	265.00	10	0.75	PVC	255-265	5090.8-5080.8	0.05
KAFB-106118-350			1541791.826	1473740.652	5345.8	5345.89	5345.45	0.44	350.00	10	0.75	PVC	340-350	5005.8-4995.8	0.05
KAFB-106118-450			1541791.641	1473741.335	5345.8	5345.89	5345.44	0.45	450.00	10	3.00	PVC	440-450	4905.8-4895.8	0.05
KAFB-106119															
KAFB-106119-025	SVM-12 (sampled)	3/6/2011	1541613.06	1473519.569	5343.6	5343.64	5343.22	0.42	25.00	12	0.75	PVC	15-25	5328.5-5318.5	0.05
KAFB-106119-050	Fuel Percolation Area a		1541613.231	1473519.323	5343.6	5343.64	5343.17	0.47	50.00	12	0.75	PVC	40-50	5303.5-5293.5	0.05
KAFB-106119-150			1541613.504	1473519.413	5343.6	5343.64	5343.17	0.47	150.00	12	0.75	PVC	150-160	5203.5-5193.5	0.05
KAFB-106119-250			1541613.545	1473519.676	5343.6	5343.64	5343.17	0.47	250.00	10	0.75	PVC	240-250	5103.5-5093.5	0.05
KAFB-106119-350			1541613.266	1473519.789	5343.6	5343.64	5343.19	0.45	350.00	10	0.75	PVC	340-350	5003.5-4993.5	0.05
KAFB-106119-450			1541613.238	1473520.21	5343.6	5343.64	5343.17	0.47	450.00	10	3.00	PVC	440-450	4903.5-4893.5	0.05
KAFB-106129															
KAFB-106129-025	SVM-22 (sampled)	3/6/2011	1542130.5	1473260.8	5348.5	5348.5	5349.00	-0.50	25.00	12	0.75	PVC	15.1-25.1	5333.3-5323.3	0.05
KAFB-106129-050	Fuel Percolation Area		1542130.8	1473260.6	5348.5	5348.5	5348.90	-0.40	50.00	12	0.75	PVC	39.7-49.7	5308.7-5298.7	0.05
KAFB-106129-150			1542131	1473260.9	5348.5	5348.5	5349.00	-0.50	150.00	12	0.75	PVC	140.2-150.2	5208.2-5198.2	0.05
KAFB-106129-250			1542130.9	1473261.1	5348.5	5348.5	5349.00	-0.50	250.00	10	0.75	PVC	240.1-250.1	5108.3-5098.3	0.05
KAFB-106129-350			1542130.6	1473261.1	5348.5	5348.5	5349.10	-0.60	350.00	10	0.75	PVC	337.4-347.4	5011.0-5001.0	0.05
KAFB-106129-450			1542130.8	1473261.4	5348.5	5348.5	5348.90	-0.40	450.00	10	3.00	PVC	440.7-450.7	4907.7-4897.7	0.05

Table 3-4. SVM Well Construction Details, January - June 2011

WELL ID	NMED ID AND LOCATION	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	MEASURING POINT-TOP OF WELL VAULT ELEVATION (FAMSL)	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
KAFB-106130															
KAFB-106130-025	SVM-23 (sampled)	2/21/2011	1542130.889	1473565.674	5349.1	5349.15	5348.71	0.44	25.00	12	0.75	PVC	15-25	5334.0-5324.0	0.05
KAFB-106130-050	Fuel Percolation Area		1542131.103	1473565.536	5349.1	5349.15	5348.72	0.43	50.00	12	0.75	PVC	40-50	5309.0-5299.0	0.05
KAFB-106130-150			1542131.369	1473565.64	5349.1	5349.15	5348.67	0.48	150.00	12	0.75	PVC	150-160	5199.0-5189.0	0.05
KAFB-106130-250			1542131.319	1473565.923	5349.1	5349.15	5348.70	0.45	250.00	10	0.75	PVC	240-250	5109.0-5099.0	0.05
KAFB-106130-350			1542131.052	1473566.005	5349.1	5349.15	5348.73	0.42	350.00	10	0.75	PVC	340-350	5009.0-4999.0	0.05
KAFB-106130-450			1542131.272	1473566.262	5349.1	5349.15	5348.78	0.37	450.00	10	3.00	PVC	440-450	4909.0-4899.0	0.05
KAFB-106131															
KAFB-106131-025	SVM-24 (sampled)	3/7/2011	1541690.397	1472926.919	5344.5	5344.58	5344.32	0.26	25.00	12	0.75	PVC	15-25	5329.4-5319.4	0.05
KAFB-106131-055	Far Field and Piping		1541690.618	1472926.743	5344.5	5344.58	5344.31	0.27	55.00	12	0.75	PVC	45-55	5299.4-5289.4	0.05
KAFB-106131-150			1541690.518	1472927.227	5344.5	5344.58	5344.31	0.27	150.00	12	0.75	PVC	140-150	5204.4-5194.4	0.05
KAFB-106131-245			1541690.893	1472926.904	5344.5	5344.58	5344.33	0.25	245.00	10	0.75	PVC	235-245	5109.4-5099.4	0.05
KAFB-106131-350			1541690.789	1472927.189	5344.5	5344.58	5344.35	0.23	350.00	10	0.75	PVC	340-350	5004.4-4994.4	0.05
KAFB-106131-450			1541690.573	1472927.584	5344.5	5344.58	5344.28	0.30	450.00	10	3.00	PVC	430-440	4914.4-4904.4	0.05
KAFB-106132															
KAFB-106132-025	SVM-25 (sampled)	2/17/2011	1542804.301	1473591.313	5353.0	5352.97	5352.71	0.26	25.00	12	0.75	PVC	15-25	5338.0-5328.0	0.05
KAFB-106132-050	Fuel Percolation Area		1542803.805	1473591.404	5353.0	5352.97	5352.72	0.25	50.00	12	0.75	PVC	40-50	5313.0-5303.0	0.05
KAFB-106132-175			1542804.127	1473591.059	5353.0	5352.97	5352.73	0.24	175.00	12	0.75	PVC	165-175	5188.0-5178.0	0.05
KAFB-106132-250			1542803.82	1473591.092	5353.0	5352.97	5352.69	0.28	250.00	10	0.75	PVC	240-250	5113.0-5103.0	0.05
KAFB-106132-350			1542804.076	1473591.519	5353.0	5352.97	5352.69	0.28	350.00	10	0.75	PVC	340-350	5013.0-5003.0	0.05
KAFB-106132-450			1542804.139	1473591.722	5353.0	5352.97	5352.66	0.31	450.00	10	3.00	PVC	440-450	4913.0-4903.0	0.05
KAFB-106133															
KAFB-106133-025	SVM-26 (sampled)	2/16/2011	1542416.132	1473501.591	5352.0	5352	5351.58	0.42	25.00	12	0.75	PVC	15-25	5337.0-5327.0	0.05
KAFB-106133-050	Fuel Percolation Area		1542416.049	1473501.865	5352.0	5352	5351.58	0.42	50.00	12	0.75	PVC	40-50	5312.0-5302.0	0.05
KAFB-106133-170			1542416.291	1473502.091	5352.0	5352	5351.52	0.48	170.00	12	0.75	PVC	160-170	5192.0-5182.0	0.05
KAFB-106133-250			1542416.533	1473501.928	5352.0	5352	5351.52	0.48	250.00	10	0.75	PVC	240-250	5112.0-5102.0	0.05
KAFB-106133-350			1542416.481	1473501.615	5352.0	5352	5351.55	0.45	350.00	10	0.75	PVC	339-349	5013.0-5003.0	0.05
KAFB-106133-450			1542416.26	1473502.382	5352.0	5352	5351.57	0.43	450.00	10	3.00	PVC	439-449	4913.0-4903.0	0.05
KAFB-106134															
KAFB-106134-025	SVM-27 (sampled)	2/23/2011	1542371.258	1473809.912	5347.8	5347.95	5347.49	0.46	25.00	12	0.75	PVC	15-25	5332.6-5322.6	0.05
KAFB-106134-050	Fuel Percolation Area		1542370.981	1473809.941	5347.8	5347.95	5347.51	0.44	50.00	12	0.75	PVC	40-50	5307.6-5297.6	0.05
KAFB-106134-170			1542371.37	1473810.193	5347.8	5347.95	5347.46	0.49	170.00	12	0.75	PVC	160-170	5187.6-5177.6	0.05
KAFB-106134-250			1542371.168	1473810.383	5347.8	5347.95	5347.43	0.52	250.00	10	0.75	PVC	240-250	5107.6-5097.6	0.05
KAFB-106134-350			1542370.87	1473810.216	5347.8	5347.95	5347.47	0.48	350.00	10	0.75	PVC	340-350	5007.6-4997.6	0.05
KAFB-106134-450			1542371.221	1473810.705	5347.8	5347.95	5347.51	0.44	450.00	10	3.00	PVC	440-450	4907.6-4897.6	0.05
KAFB-106135															
KAFB-106135-025	SVM-01 (not sampled)	2/5/2011	1542905.054	1474068.941	5351.1	5351.36	5350.88	0.48	25.00	12	0.75	PVC	15-25	5336.1-5326.1	0.05
KAFB-106135-050	Far Field		1542905.255	1474068.73	5351.1	5351.36	5350.87	0.49	50.00	12	0.75	PVC	40-50	5311.1-5301.1	0.05
KAFB-106135-150			1542905.123	1474068.42	5351.1	5351.36	5350.9	0.46	150.00	12	0.75	PVC	140-150	5211.1-5201.1	0.05
KAFB-106135-250			1542904.788	1474068.535	5351.1	5351.36	5350.94	0.42	250.00	10	0.75	PVC	240-250	5111.1-5101.1	0.05
KAFB-106135-350			1542904.802	1474068.825	5351.1	5351.36	5350.88	0.48	350.00	10	0.75	PVC	340-350	5011.1-5001.1	0.05
KAFB-106135-450			1542904.979	1474068.804	5351.1	5351.36	5350.93	0.43	450.00	10	3.00	PVC	440-450	4911.1-4901.1	0.05
KAFB-106137															
KAFB-106137-025	SVM-03 (not sampled)	1/25/2011	1542321.637	1474077.365	5347.3	5347.42	5346.86	0.56	25.00	12	0.75	PVC	15-25	5332.3-5322.3	0.05
KAFB-106137-050	Far Field		1542321.39	1474077.55	5347.3	5347.42	5346.76	0.66	50.00	12	0.75	PVC	40-50	5307.3-5297.3	0.05
KAFB-106137-150			1542321.117	1474077.358	5347.3	5347.42	5346.75	0.67	150.00	12	0.75	PVC	140-150	5207.3-5197.3	0.05
KAFB-106137-250			1542321.254	1474077.088	5347.3	5347.42	5346.91	0.51	250.00	10	0.75	PVC	240.1-250.1	5107.2-5097.2	0.05
KAFB-106137-350			1542321.597	1474077.094	5347.3	5347.42	5346.9	0.52	350.00	10	0.75	PVC	340.5-350.5	5006.8-4996.8	0.05
KAFB-106137-450			1542321.462	1474079.392	5347.3	5347.42	5346.94	0.48	450.00	10	3.00	PVC	440-450	4907.3-4897.3	0.05

Table 3-4. SVM Well Construction Details, January - June 2011

WELL ID	NMED ID AND LOCATION	DATE INSTALLED	EASTING[a]	NORTHING[a]	GROUND ELEVATION (FAMSL)[b]	MEASURING POINT-TOP OF WELL VAULT ELEVATION (FAMSL)	TOP OF PVC ELEVATION (FAMSL)	TOP OF PVC (FT BELOW WELL VAULT)	WELL DEPTH (FT BGS)	BORING DIAMETER (IN)	CASING DIAMETER (IN)	CASING TYPE	SCREENED INTERVAL (FT BGS)	SCREENED INTERVAL (FAMSL)	SCREEN SLOT SIZE (IN)
KAFB-106139															
KAFB-106139-025	SVM-05 (not sampled)	1/8/2011	1541248.329	1474049.853	5341.3	5341.55	5341.07	0.48	25.00	12	0.75	PVC	15-25	5326.3-5316.3	0.05
KAFB-106139-050	Far Field		1541248.53	1474049.41	5341.3	5341.55	5341.04	0.51	50.00	12	0.75	PVC	40-50	5301.3-5291.3	0.05
KAFB-106139-150			1541248.26	1474049.295	5341.3	5341.55	5341.04	0.51	150.00	12	0.75	PVC	140-150	5201.3-5191.3	0.05
KAFB-106139-250			1541248.117	1474049.605	5341.3	5341.55	5341.02	0.53	250.00	10	0.75	PVC	240-250	5101.3-5091.3	0.05
KAFB-106139-350			1541248.603	1474049.746	5341.3	5341.55	5341.02	0.53	350.00	10	0.75	PVC	340-350	5001.3-4991.3	0.05
KAFB-106139-450			1541248.522	1474050.079	5341.3	5341.55	5341.01	0.54	450.00	10	3.00	PVC	440-450	4901.3-4891.3	0.05
KAFB-106140															
KAFB-106140-025	SVM-06 (not sampled)	1/12/2011	1542236.625	1472632.544	5345.3	5345.35	5345.02	0.33	25.00	12	0.75	PVC	15-25	5330.3-5320.3	0.05
KAFB-106140-050	Far Field and Fuel Tank		1542236.96	1472632.41	5345.3	5345.35	5345.02	0.33	50.00	12	0.75	PVC	40-50	5305.3-5295.3	0.05
KAFB-106140-150			1542236.662	1472632.873	5345.3	5345.35	5345.04	0.31	150.00	12	0.75	PVC	141.8-151.8	5203.5-5193.5	0.05
KAFB-106140-250			1542236.964	1472632.932	5345.3	5345.35	5345.03	0.32	250.00	10	0.75	PVC	240-250	5105.3-5095.3	0.05
KAFB-106140-350			1542237.193	1472632.682	5345.3	5345.35	5345.13	0.22	350.00	10	0.75	PVC	340-350	5005.3-4995.3	0.05
KAFB-106140-450			1542236.889	1472632.752	5345.3	5345.35	5344.99	0.36	450.00	10	3.00	PVC	440-450	4905.3-4895.3	0.05

[a] Horizontal Coordinate System: NM_NAD83_ST_PL_Central_FIPS_3002_Feet
[b] Vertical Coordinate System: NAVD88

FT BGS Feet Below Ground Surface
FAMSL Feet Above Mean Sea Level
IN Inches
NAD83 North American Datum of 1983
NAVD88 North American Vertical Datum of 1988
PVC Polyvinyl Chloride
SVM Soil Vapor Monitoring

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Table 3-5. Well Installation Survey Data
January – June 2011

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 02 Report 2011 Surveyed Wells				
KAFB-106116	SVM	4/15/2011	1541894.504	1473297.033
KAFB-106117	SVM	4/15/2011	1541727.674	1473367.107
KAFB-106121	SVM	6/14/2011	1542051.447	1472806.059
KAFB-106123	SVM	6/14/2011	1542010.497	1472850.951
KAFB-106128	SVM	4/15/2011	1541619.738	1473223.574
KAFB-106138	SVM	4/18/2011	1541536.442	1475005.877
KAFB-106141	SVM	5/23/2011	1542470.932	1475344.099
KAFB-106142	SVM	5/23/2011	1542455.612	1474944.386
KAFB-106029	GW	6/14/2011	1542386.202	1477074.406
KAFB-106030	GW	6/14/2011	1542387.644	1477103.652
KAFB-106031	GW	6/14/2011	1542388.114	1477132.355
KAFB-106046	GW	4/15/2011	1542835.692	1473605.459
KAFB-106047	GW	4/15/2011	1542779.279	1473602.708
KAFB-106048	GW	4/15/2011	1542804.761	1473621.147
KAFB-106049	GW	5/23/2011	1542707.55	1477682.534
KAFB-106050	GW	5/23/2011	1542708.503	1477761.665
KAFB-106051	GW	5/23/2011	1542708.242	1477727.067
KAFB-106059	GW	4/15/2011	1541720.894	1473684.246
KAFB-106060	GW	5/23/2011	1541743.263	1473661.596
KAFB-106061	GW	4/15/2011	1541758.481	1473682.923
KAFB-106062	GW	4/15/2011	1542384.972	1473789.189
KAFB-106063	GW	4/15/2011	1542371.243	1473763.872
KAFB-106064	GW	4/15/2011	1542358.761	1473788.792
KAFB-106065	GW	5/23/2011	1542287.644	1474324.697
KAFB-106066	GW	5/23/2011	1542329.234	1474375.417
KAFB-106067	GW	5/23/2011	1542741.507	1474717.467
KAFB-106068	GW	5/23/2011	1542717.547	1474727.021
KAFB-106069	GW	5/23/2011	1542719.863	1474700.277
KAFB-106070	GW	6/14/2011	1542890.624	1475942.55
KAFB-106071	GW	6/14/2011	1542895.608	1475834.167
KAFB-106072	GW	6/14/2011	1542890.785	1475908.889
KAFB-106073	GW	5/23/2011	1542192.811	1475261.557
KAFB-106074	GW	6/14/2011	1542169.663	1475243.539
KAFB-106075	GW	6/14/2011	1542201.38	1475231.389
KAFB-106076	GW	4/15/2011	1541808.751	1473219.644
KAFB-106077	GW	4/15/2011	1541790.391	1473203.533
KAFB-106078	GW	4/15/2011	1541775.417	1473218.702
KAFB-106079	GW	4/15/2011	1542252.749	1474078.44
KAFB-106080	GW	6/14/2011	1542217.403	1474030.316
KAFB-106081	GW	5/23/2011	1542190.575	1474076.871
KAFB-106082	GW	5/23/2011	1542571.397	1475334.042
KAFB-106083	GW	5/23/2011	1542525.964	1475340.93
KAFB-106084	GW	5/23/2011	1542558.352	1475358.096
KAFB-106088	GW	6/14/2011	1543228.947	1475764.101
KAFB-106089	GW	6/14/2011	1543221.506	1475795.631
KAFB-106090	GW	6/14/2011	1543216.287	1475823.539
KAFB-106091	GW	6/14/2011	1543010.799	1476816.227
KAFB-106092	GW	6/14/2011	1543042.049	1476798.047
KAFB-106093	GW	6/14/2011	1543042.376	1476828.177
KAFB-106097	GW	5/23/2011	1541706.301	1474734.32
KAFB-106098	GW	5/23/2011	1541702.87	1474763.789

Table 3-5. Well Installation Survey Data
January – June 2011 (continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
KAFB-106099	GW	5/23/2011	1541014.769	1474352.003
KAFB-106100	GW	5/23/2011	1541027.971	1474326.517
DP001	FFOR Shallow Soil Sampling	5/17/2011	1541155.045	1473524.548
DP002	FFOR Shallow Soil Sampling	5/17/2011	1541155.1	1473519.632
DP003	FFOR Shallow Soil Sampling	5/17/2011	1541155.135	1473514.57
DP004	FFOR Shallow Soil Sampling	5/17/2011	1541165.078	1473524.599
DP005	FFOR Shallow Soil Sampling	5/17/2011	1541165.085	1473519.579
DP006	FFOR Shallow Soil Sampling	5/17/2011	1541165.139	1473514.584
DP007	FFOR Shallow Soil Sampling	5/17/2011	1541166.152	1473519.563
DP008	FFOR Shallow Soil Sampling	5/17/2011	1541171.093	1473524.583
DP009	FFOR Shallow Soil Sampling	5/17/2011	1541171.075	1473519.597
DP010	FFOR Shallow Soil Sampling	5/17/2011	1541171.117	1473514.603
DP011	FFOR Shallow Soil Sampling	5/17/2011	1541176.059	1473519.577
DP012	FFOR Shallow Soil Sampling	5/17/2011	1541185.09	1473524.618
DP013	FFOR Shallow Soil Sampling	5/17/2011	1541185.101	1473519.653
DP014	FFOR Shallow Soil Sampling	5/17/2011	1541185.134	1473514.672
DP015	FFOR Shallow Soil Sampling	5/17/2011	1541195.113	1473524.649
DP016	FFOR Shallow Soil Sampling	5/17/2011	1541195.022	1473519.592
DP017	FFOR Shallow Soil Sampling	5/17/2011	1541194.998	1473514.599
DP018	FFOR Shallow Soil Sampling	5/17/2011	1541205.011	1473524.691
DP019	FFOR Shallow Soil Sampling	5/17/2011	1541204.99	1473519.634
DP020	FFOR Shallow Soil Sampling	5/17/2011	1541205.076	1473514.632
DP021	FFOR Shallow Soil Sampling	5/17/2011	1541214.989	1473524.659
DP022	FFOR Shallow Soil Sampling	5/17/2011	1541215.068	1473519.684
DP023	FFOR Shallow Soil Sampling	5/17/2011	1541215.041	1473514.674
DP024	FFOR Shallow Soil Sampling	5/17/2011	1541225.027	1473523.69
DP025	FFOR Shallow Soil Sampling	5/17/2011	1541225.05	1473519.746
DP026	FFOR Shallow Soil Sampling	5/17/2011	1541225.062	1473514.772
DP027	FFOR Shallow Soil Sampling	5/17/2011	1541235.007	1473524.676
DP028	FFOR Shallow Soil Sampling	5/17/2011	1541235.031	1473519.779
DP029	FFOR Shallow Soil Sampling	5/17/2011	1541235.044	1473514.695
DP030	FFOR Shallow Soil Sampling	5/17/2011	1541245.042	1473524.748
DP031	FFOR Shallow Soil Sampling	5/17/2011	1541245.034	1473519.811
DP032	FFOR Shallow Soil Sampling	5/17/2011	1541245.071	1473514.769
DP033	FFOR Shallow Soil Sampling	5/17/2011	1541254.963	1473524.801
DP034	FFOR Shallow Soil Sampling	5/17/2011	1541255	1473519.797
DP035	FFOR Shallow Soil Sampling	5/17/2011	1541255.014	1473514.792
DP036	FFOR Shallow Soil Sampling	5/17/2011	1541265.019	1473524.871
DP037	FFOR Shallow Soil Sampling	5/17/2011	1541265.068	1473519.858
DP038	FFOR Shallow Soil Sampling	5/17/2011	1541265.036	1473514.798
DP039	FFOR Shallow Soil Sampling	5/17/2011	1541275.061	1473524.812
DP040	FFOR Shallow Soil Sampling	5/17/2011	1541275.055	1473519.829
DP041	FFOR Shallow Soil Sampling	5/17/2011	1541275.011	1473514.887
DP042	FFOR Shallow Soil Sampling	5/17/2011	1541284.945	1473524.867
DP043	FFOR Shallow Soil Sampling	5/17/2011	1541284.987	1473519.86
DP044	FFOR Shallow Soil Sampling	5/17/2011	1541284.994	1473514.858
DP045	FFOR Shallow Soil Sampling	5/17/2011	1541295.037	1473524.832
DP046	FFOR Shallow Soil Sampling	5/17/2011	1541295.088	1473519.822
DP047	FFOR Shallow Soil Sampling	5/17/2011	1541295.039	1473514.853
DP048	FFOR Shallow Soil Sampling	5/17/2011	1541300.014	1473519.86
DP049	FFOR Shallow Soil Sampling	5/17/2011	1541304.953	1473524.82
DP050	FFOR Shallow Soil Sampling	5/17/2011	1541305.039	1473519.883

Table 3-5. Well Installation Survey Data
January – June 2011 (continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
DP051	FFOR Shallow Soil Sampling	5/17/2011	1541304.994	1473514.861
DP052	FFOR Shallow Soil Sampling	5/17/2011	1541310.049	1473519.872
DP053	FFOR Shallow Soil Sampling	5/17/2011	1541315.041	1473524.882
DP054	FFOR Shallow Soil Sampling	5/17/2011	1541315.108	1473519.857
DP055	FFOR Shallow Soil Sampling	5/17/2011	1541315.027	1473514.814
DP056	FFOR Shallow Soil Sampling	5/17/2011	1541325.094	1473524.904
DP057	FFOR Shallow Soil Sampling	5/17/2011	1541324.992	1473519.854
DP058	FFOR Shallow Soil Sampling	5/17/2011	1541325.023	1473514.836
DP059	FFOR Shallow Soil Sampling	5/17/2011	1541334.987	1473524.865
DP060	FFOR Shallow Soil Sampling	5/17/2011	1541334.959	1473519.919
DP061	FFOR Shallow Soil Sampling	5/17/2011	1541335.093	1473514.908
DP062	FFOR Shallow Soil Sampling	5/17/2011	1541345.076	1473524.883
DP063	FFOR Shallow Soil Sampling	5/17/2011	1541345.045	1473519.91
DP064	FFOR Shallow Soil Sampling	5/17/2011	1541345.022	1473514.926
DP065	FFOR Shallow Soil Sampling	5/17/2011	1541350.078	1473519.957
DP184	FFOR Shallow Soil Sampling	5/17/2011	1541513.348	1473055.519
DP185	FFOR Shallow Soil Sampling	5/17/2011	1541499.392	1473051.078
DP186	FFOR Shallow Soil Sampling	5/17/2011	1541506.094	1473044.257
DP187	FFOR Shallow Soil Sampling	5/17/2011	1541525.292	1473043.978
DP188	FFOR Shallow Soil Sampling	5/17/2011	1541533.215	1473055.192
DP189	FFOR Shallow Soil Sampling	5/17/2011	1541545.318	1473043.675
DP190	FFOR Shallow Soil Sampling	5/17/2011	1541553.173	1473055.005
DP191	FFOR Shallow Soil Sampling	5/17/2011	1541565.321	1473043.527
DP192	FFOR Shallow Soil Sampling	5/17/2011	1541573.186	1473054.893
DP193	FFOR Shallow Soil Sampling	5/17/2011	1541585.369	1473043.433
DP194	FFOR Shallow Soil Sampling	5/17/2011	1541593.252	1473054.624
DP195	FFOR Shallow Soil Sampling	5/17/2011	1541605.367	1473043.322
DP196	FFOR Shallow Soil Sampling	5/17/2011	1541613.163	1473054.519
DP197	FFOR Shallow Soil Sampling	5/17/2011	1541625.28	1473043.105
DP198	FFOR Shallow Soil Sampling	5/17/2011	1541633.161	1473054.205
DP199	FFOR Shallow Soil Sampling	5/17/2011	1541645.249	1473042.839
DP200	FFOR Shallow Soil Sampling	5/17/2011	1541653.155	1473053.973
DP201	FFOR Shallow Soil Sampling	5/17/2011	1541665.278	1473042.789
DP202	FFOR Shallow Soil Sampling	5/17/2011	1541672.113	1473053.768
DP203	FFOR Shallow Soil Sampling	5/17/2011	1541685.311	1473042.518
DP204	FFOR Shallow Soil Sampling	5/17/2011	1541693.166	1473053.543
DP205	FFOR Shallow Soil Sampling	5/17/2011	1541705.284	1473042.306
DP206	FFOR Shallow Soil Sampling	5/17/2011	1541713.123	1473053.558
DP207	FFOR Shallow Soil Sampling	5/17/2011	1541725.297	1473042.229
DP208	FFOR Shallow Soil Sampling	5/17/2011	1541733.101	1473053.232
DP209	FFOR Shallow Soil Sampling	5/17/2011	1541745.305	1473042.025
DP210	FFOR Shallow Soil Sampling	5/17/2011	1541753.138	1473052.913
DP211	FFOR Shallow Soil Sampling	5/17/2011	1541765.283	1473041.862
DP212	FFOR Shallow Soil Sampling	5/17/2011	1541773.003	1473052.775
DP213	FFOR Shallow Soil Sampling	5/17/2011	1541785.233	1473041.666
DP214	FFOR Shallow Soil Sampling	5/17/2011	1541793.112	1473052.528
DP215	FFOR Shallow Soil Sampling	5/17/2011	1541805.229	1473041.497
DP216	FFOR Shallow Soil Sampling	5/17/2011	1541813.193	1473052.417
DP217	FFOR Shallow Soil Sampling	5/17/2011	1541825.259	1473041.293
DP218	FFOR Shallow Soil Sampling	5/17/2011	1541833.136	1473052.161
DP219	FFOR Shallow Soil Sampling	5/17/2011	1541845.303	1473041.179
DP220	FFOR Shallow Soil Sampling	5/17/2011	1541853.109	1473052.013

Table 3-5. Well Installation Survey Data
January – June 2011 (continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
DP221	FFOR Shallow Soil Sampling	5/17/2011	1541865.271	1473040.925
DP222	FFOR Shallow Soil Sampling	5/17/2011	1541873.099	1473051.781
DP223	FFOR Shallow Soil Sampling	5/17/2011	1541885.252	1473040.757
DP224	FFOR Shallow Soil Sampling	5/17/2011	1541893.156	1473051.528
DP225	FFOR Shallow Soil Sampling	5/17/2011	1541905.289	1473040.544
DP226	FFOR Shallow Soil Sampling	5/17/2011	1541913.098	1473051.301
DP227	FFOR Shallow Soil Sampling	5/17/2011	1541925.175	1473040.402
DP228	FFOR Shallow Soil Sampling	5/17/2011	1541933.057	1473051.117
DP229	FFOR Shallow Soil Sampling	5/17/2011	1541945.147	1473040.209
DP230	FFOR Shallow Soil Sampling	5/17/2011	1541953.121	1473050.885
DP231	FFOR Shallow Soil Sampling	5/17/2011	1541965.2	1473039.981
DP232	FFOR Shallow Soil Sampling	5/17/2011	1541973.043	1473050.79
DP233	FFOR Shallow Soil Sampling	5/17/2011	1541985.196	1473039.865
DP234	FFOR Shallow Soil Sampling	5/17/2011	1541992.981	1473046.495
DP235	FFOR Shallow Soil Sampling	5/17/2011	1542005.19	1473039.634
DP236	FFOR Shallow Soil Sampling	5/17/2011	1542013.016	1473050.315
DP237	FFOR Shallow Soil Sampling	5/17/2011	1542032.999	1473050.085
DP238	FFOR Shallow Soil Sampling	5/17/2011	1542053.056	1473049.874
DP239	FFOR Shallow Soil Sampling	5/17/2011	1542072.992	1473049.622
DP240	FFOR Shallow Soil Sampling	5/17/2011	1542093.016	1473049.455
DP241	FFOR Shallow Soil Sampling	5/17/2011	1542113.039	1473049.178
DP242	FFOR Shallow Soil Sampling	5/17/2011	1542132.982	1473048.919
DP243	FFOR Shallow Soil Sampling	5/17/2011	1542152.991	1473048.791
DP244	FFOR Shallow Soil Sampling	5/17/2011	1542173.013	1473048.598
DP245	FFOR Shallow Soil Sampling	5/17/2011	1542193.042	1473048.377
DP246	FFOR Shallow Soil Sampling	5/17/2011	1542212.928	1473048.097
DP247	FFOR Shallow Soil Sampling	5/17/2011	1542233.004	1473047.931
DP248	FFOR Shallow Soil Sampling	5/17/2011	1542252.949	1473047.719
DP249	FFOR Shallow Soil Sampling	5/17/2011	1542272.964	1473046.458
DP250	FFOR Shallow Soil Sampling	5/17/2011	1542292.904	1473046.35
DP251	FFOR Shallow Soil Sampling	5/17/2011	1542312.921	1473046.078
DP252	FFOR Shallow Soil Sampling	5/17/2011	1542332.873	1473045.849
DP253	FFOR Shallow Soil Sampling	5/17/2011	1542352.923	1473045.618
DP254	FFOR Shallow Soil Sampling	5/17/2011	1542372.963	1473045.545
Quarter 01 Report 2011 Surveyed Wells				
KAFB-106044	GW	1/26/2011	1541447.86	1472371.986
KAFB-106045	GW	1/26/2011	1541417.961	1472400.649
KAFB-106101	GW	3/11/2011	1540432.836	1474037.518
KAFB-106102	GW	3/11/2011	1540402.124	1474038.664
KAFB-106108	SVM	3/11/2011	1541083.988	1473730.111
KAFB-106109	SVM	2/17/2011	1540803.604	1473478.353
KAFB-106110	SVM	3/11/2011	1541121.596	1473283.809
KAFB-106111	SVM	3/11/2011	1541336.131	1473286.632
KAFB-106112	SVM	3/11/2011	1541936.797	1473503.676
KAFB-106113	SVM	2/17/2011	1542004.441	1473062.372
KAFB-106114	SVM	3/11/2011	1541796.542	1473062.625
KAFB-106115	SVM	3/11/2011	1542375.074	1473055.207
KAFB-106118	SVM	3/11/2011	1541791.641	1473741.335
KAFB-106119	SVM	3/11/2011	1541613.238	1473520.21
KAFB-106129	SVM	3/11/2011	1542130.758	1473261.385
KAFB-106130	SVM	3/11/2011	1542131.272	1473566.262
KAFB-106131	SVM	3/11/2011	1541690.573	1472927.584

Table 3-5. Well Installation Survey Data
January – June 2011 (concluded)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
KAFB-106132	SVM	3/11/2011	1542804.139	1473591.722
KAFB-106133	SVM	3/11/2011	1542416.26	1473502.382
KAFB-106134	SVM	3/11/2011	1542371.221	1473810.705
KAFB-106135	SVM	2/17/2011	1542905.038	1474069.137
KAFB-106137	SVM	1/28/2011	1542321.482	1474077.738
KAFB-106139	SVM	1/26/2011	1541248.522	1474050.079
KAFB-106140	SVM	1/28/2011	1542236.984	1472633.135

[a]Horizontal Coordinate System: NM_NAD83_ST_PL_Central_FIPS_3002_Feet.

DP Direct Push
FFOR Former Fuel Offloading Rack
GW Groundwater Well
KAFB Kirtland Air Force Base
NAD83 North American Datum of 1983
SVM Soil-Vapor Monitoring

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Table 3-6. FFOR Sample Collection Summary, June 2011

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP001	6/18/2011	1541155.0451	1473524.5482	0 - 20
DP002	6/18/2011	1541155.1004	1473519.6318	0 - 20
DP003	6/18/2011	1541155.1353	1473514.5702	0 - 20
DP004	6/18/2011	1541165.0781	1473524.5985	0 - 20
DP005	6/18/2011	1541165.0849	1473519.5785	0 - 20
DP006	6/18/2011	1541165.1391	1473514.5839	0 - 20
DP007	6/19/2011	1541166.1522	1473519.5630	0 - 20
DP008	6/19/2011	1541171.0925	1473524.5828	0 - 20
DP009	6/19/2011	1541171.0747	1473519.5971	0 - 20
DP010	6/19/2011	1541171.1171	1473514.6033	0 - 20
DP011	6/19/2011	1541176.0586	1473519.5771	0 - 20
DP012	6/19/2011	1541185.0904	1473524.6179	0 - 20
DP013	6/19/2011	1541185.1007	1473519.6526	0 - 20
DP014	6/19/2011	1541185.1339	1473514.6718	0 - 20
DP015	6/20/2011	1541195.1126	1473524.6489	0 - 20
DP016	6/20/2011	1541195.0220	1473519.5917	0 - 20
DP017	6/20/2011	1541194.9982	1473514.5994	0 - 20
DP018	6/20/2011	1541205.0114	1473524.6905	0 - 20
DP019	6/20/2011	1541204.9901	1473519.6336	0 - 20
DP020	6/21/2011	1541205.0764	1473514.6320	0 - 20
DP021	6/21/2011	1541214.9893	1473524.6587	0 - 20
DP022	6/21/2011	1541215.0675	1473519.6844	0 - 20
DP023	6/21/2011	1541215.0413	1473514.6741	0 - 20
DP024	6/21/2011	1541225.0270	1473523.6899	0 - 20
DP025	6/21/2011	1541225.0496	1473519.7461	0 - 20
DP026	6/21/2011	1541225.0616	1473514.7724	0 - 20
DP027	6/21/2011	1541235.0072	1473524.6764	0 - 20
DP028	6/22/2011	1541235.0305	1473519.7789	0 - 20
DP029	6/22/2011	1541235.0442	1473514.6948	0 - 20
DP030	6/22/2011	1541245.0422	1473524.7477	0 - 20
DP031	6/22/2011	1541245.0340	1473519.8108	0 - 20
DP032	6/22/2011	1541245.0706	1473514.7692	0 - 20
DP033	6/22/2011	1541254.9631	1473524.8008	0 - 20
DP034	6/22/2011	1541255.0001	1473519.7970	0 - 20
DP035	6/22/2011	1541255.0142	1473514.7918	0 - 20
DP036	6/23/2011	1541265.0191	1473524.8708	0 - 20
DP037	6/23/2011	1541265.0682	1473519.8577	0 - 20
DP038	6/23/2011	1541265.0361	1473514.7984	0 - 20
DP039	6/23/2011	1541275.0607	1473524.8117	0 - 20
DP040	6/23/2011	1541275.0548	1473519.8290	0 - 20
DP041	6/24/2011	1541275.0109	1473514.8869	0 - 20
DP042	6/24/2011	1541284.9454	1473524.8671	0 - 20
DP043	6/24/2011	1541284.9868	1473519.8601	0 - 20
DP044	6/24/2011	1541284.9940	1473514.8576	0 - 20
DP045	6/24/2011	1541295.0369	1473524.8316	0 - 20
DP046	6/25/2011	1541295.0876	1473519.8220	0 - 20
DP047	6/25/2011	1541295.0388	1473514.8532	0 - 20
DP048	6/25/2011	1541300.0142	1473519.8601	0 - 20
DP049	6/25/2011	1541304.9530	1473524.8202	0 - 20
DP050	6/25/2011	1541305.0387	1473519.8829	0 - 20
DP051	6/27/2011	1541304.9938	1473514.8606	0 - 20
DP052	6/27/2011	1541310.0488	1473519.8717	0 - 20
DP053	6/27/2011	1541315.0406	1473524.8824	0 - 20

Table 3-6. FFOR Sample Collection Summary, June 2011 (continued)

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP054	6/27/2011	1541315.1079	1473519.8572	0 - 20
DP055	6/27/2011	1541315.0269	1473514.8144	0 - 20
DP056	6/28/2011	1541325.0937	1473524.9041	0 - 20
DP057	6/28/2011	1541324.9921	1473519.8540	0 - 20
DP058	6/28/2011	1541325.0227	1473514.8355	0 - 20
DP059	6/28/2011	1541334.9874	1473524.8650	0 - 20
DP060	6/28/2011	1541334.9585	1473519.9188	0 - 20
DP061	6/29/2011	1541335.0931	1473514.9075	0 - 20
DP062	6/29/2011	1541345.0756	1473524.8834	0 - 20
DP063	6/29/2011	1541345.0445	1473519.9102	0 - 20
DP064	6/29/2011	1541345.0222	1473514.9262	0 - 20
DP065	6/29/2011	1541350.0784	1473519.9567	0 - 20
DP184	6/18/2011	1541513.3477	1473055.5187	0 - 20
DP185	6/18/2011	1541499.3919	1473051.0779	0 - 20
DP186	6/17/2011	1541506.0942	1473044.2567	0 - 20
DP187	6/17/2011	1541525.2920	1473043.9779	0 - 20
DP188	6/17/2011	1541533.2151	1473055.1924	0 - 20
DP189	6/17/2011	1541545.3175	1473043.6747	0 - 20
DP190	6/17/2011	1541553.1730	1473055.0046	0 - 20
DP191	6/17/2011	1541565.3210	1473043.5273	0 - 20
DP192	6/17/2011	1541573.1862	1473054.8927	0 - 20
DP193	6/17/2011	1541585.3692	1473043.4333	0 - 20
DP194	6/16/2011	1541593.2523	1473054.6241	0 - 20
DP195	6/16/2011	1541605.3672	1473043.3221	0 - 20
DP196	6/16/2011	1541613.1625	1473054.5185	0 - 20
DP197	6/16/2011	1541625.2803	1473043.1051	0 - 20
DP198	6/16/2011	1541633.1610	1473054.2049	0 - 20
DP199	6/9/2011	1541645.2491	1473042.8393	0 - 20
DP200	6/9/2011	1541653.1545	1473053.9729	0 - 20
DP201	6/9/2011	1541665.2784	1473042.7891	0 - 20
DP202	6/9/2011	1541672.1133	1473053.7682	0 - 20
DP203	6/9/2011	1541685.3110	1473042.5176	0 - 20
DP204	6/8/2011	1541693.1664	1473053.5428	0 - 20
DP205	6/8/2011	1541705.2844	1473042.3058	0 - 20
DP206	6/8/2011	1541713.1234	1473053.5575	0 - 20
DP207	6/8/2011	1541725.2967	1473042.2290	0 - 20
DP208	6/8/2011	1541733.1009	1473053.2319	0 - 20
DP209	6/8/2011	1541745.3054	1473042.0250	0 - 20
DP210	6/7/2011	1541753.1378	1473052.9125	0 - 20
DP211	6/7/2011	1541765.2833	1473041.8624	0 - 20
DP212	6/7/2011	1541773.0031	1473052.7750	0 - 20
DP213	6/7/2011	1541785.2329	1473041.6658	0 - 20
DP214	6/7/2011	1541793.1120	1473052.5276	0 - 20
DP215	6/7/2011	1541805.2286	1473041.4965	0 - 20
DP216	6/7/2011	1541813.1933	1473052.4167	0 - 20
DP217	6/7/2011	1541825.2592	1473041.2927	0 - 20
DP218	6/6/2011	1541833.1363	1473052.1610	0 - 20
DP219	6/6/2011	1541845.3028	1473041.1791	0 - 20
DP220	6/6/2011	1541853.1092	1473052.0134	0 - 20
DP221	6/6/2011	1541865.2708	1473040.9248	0 - 20
DP222	6/6/2011	1541873.0985	1473051.7814	0 - 20
DP223	6/5/2011	1541885.2520	1473040.7568	0 - 20
DP224	6/5/2011	1541893.1556	1473051.5280	0 - 20

Table 3-6. FFOR Sample Collection Summary, June 2011 (concluded)

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP225	6/5/2011	1541905.2888	1473040.5437	0 - 20
DP226	6/5/2011	1541913.0982	1473051.3010	0 - 20
DP227	6/5/2011	1541925.1751	1473040.4022	0 - 20
DP228	6/5/2011	1541933.0565	1473051.1166	0 - 20
DP229	6/5/2011	1541945.1472	1473040.2091	0 - 20
DP230	6/5/2011	1541953.1212	1473050.8850	0 - 20
DP231	6/4/2011	1541965.1997	1473039.9806	0 - 20
DP232	6/4/2011	1541973.0433	1473050.7895	0 - 20
DP233	6/4/2011	1541985.1964	1473039.8648	0 - 20
DP234	6/4/2011	1541992.9810	1473046.4951	0 - 20
DP235	6/4/2011	1542005.1904	1473039.6337	0 - 20
DP236	6/4/2011	1542013.0163	1473050.3151	0 - 20
DP237	6/4/2011	1542032.9990	1473050.0852	0 - 20
DP238	6/4/2011	1542053.0556	1473049.8735	0 - 20
DP239	6/3/2011	1542072.9920	1473049.6218	0 - 20
DP240	6/3/2011	1542093.0157	1473049.4554	0 - 20
DP241	6/3/2011	1542113.0385	1473049.1780	0 - 20
DP242	6/3/2011	1542132.9816	1473048.9190	0 - 20
DP243	6/3/2011	1542152.9906	1473048.7912	0 - 20
DP244	6/3/2011	1542173.0127	1473048.5976	0 - 20
DP245	6/3/2011	1542193.0416	1473048.3774	0 - 20
DP246	6/3/2011	1542212.9278	1473048.0968	0 - 20
DP247	6/2/2011	1542233.0040	1473047.9305	0 - 20
DP248	6/2/2011	1542252.9489	1473047.7189	0 - 20
DP249	6/2/2011	1542272.9644	1473046.4583	0 - 20
DP250	6/2/2011	1542292.9043	1473046.3504	0 - 20
DP251	6/2/2011	1542312.9213	1473046.0783	0 - 20
DP252	6/2/2011	1542332.8734	1473045.8488	0 - 20
DP253	6/2/2011	1542352.9227	1473045.6175	0 - 20
DP254	6/2/2011	1542372.9630	1473045.5446	0 - 20

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Table 3-7. Installation of Bennett Pump Sampling Systems
January – June 2011

Monitoring Well	New Bennett Pump Sampling System Installed
Quarter 02 Report 2011	
KAFB-10621	April 20, 2011
KAFB-10628	April 20, 2011
KAFB-10625	April 21, 2011
KAFB-10626	April 21, 2011
KAFB-106044	April 28, 2011
KAFB-106045	April 28, 2011
KAFB-10610	May 24, 2011
KAFB-10622	May 24, 2011
KAFB-10623	May 24, 2011
KAFB-10624	May 25, 2011
KAFB-106077	June 23, 2011
KAFB-106078	June 23, 2011
KAFB-106101	June 24, 2011
KAFB-106102	June 24, 2011
KAFB-106059	June 27, 2011
KAFB-106060	June 27, 2011
KAFB-106061	June 27, 2011
Quarter 01 Report 2011	
KAFB-1061	January 18, 2011
KAFB-1062	January 22, 2011
KAFB-1063	January 22, 2011
KAFB-1064	January 22, 2011
KAFB-1067	January 21, 2011
KAFB-10611	January 20, 2011
KAFB-10612	January 21, 2011
KAFB-10615	January 21, 2011
KAFB-10616	January 19, 2011
KAFB-3411	January 19, 2011

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0927			SB0928			SB0933			SB0929			SB0930			SB0931			SB0932		
			SAMPLE_DATE	8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			10-20 FT			101-150 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			8.12		2.14	68.5		4.77	1.69	J	2.13	35.1		2.25	1.68	J	2.24	9.4		2.11	3.26	J	2.1
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.14	ND	U	1.85	ND	U	1.99	ND	U	1.67	ND	U	1.96	ND	U	2.1	ND	U	2.53
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,1-DICHLOROPROPENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2,3-TRICHLOROBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2,4-TRIMETHYLBENZENE			0.00064	J	0.000598	0.00218	J	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00239	ND	U	0.00222	ND	R	0.00224	ND	U	0.00218	ND	U	0.00191	ND	R	0.00253	ND	R	0.00253
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00239	ND	U	0.00222	ND	U	0.00224	ND	U	0.00218	ND	U	0.00191	ND	U	0.00253	ND	U	0.00253
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000598	0.000689	J	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,3-DICHLOROBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,3-DICHLOROPROPANE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	1-CHLOROHEXANE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	2,2-DICHLOROPROPANE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	2-BUTANONE			ND	U	0.00239	ND	U	0.00222	0.00354	J	0.00224	ND	U	0.00218	ND	U	0.00191	0.00691	J	0.00253	ND	U	0.00253
	2-CHLOROTOLUENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	2-HEXANONE			ND	U	0.00239	ND	U	0.00222	ND	U	0.00224	ND	U	0.00218	ND	U	0.00191	ND	UJ	0.00253	ND	U	0.00253
	2-PROPENAL	0.00015	0.64556	ND	R	0.00598	ND	R	0.00555	ND	R	0.00561	ND	R	0.00544	ND	R	0.00478	ND	R	0.00633	ND	R	0.00633
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00239	ND	R	0.00222	ND	R	0.00224	ND	R	0.00218	ND	R	0.00191	ND	R	0.00253	ND	R	0.00253
	4-CHLOROTOLUENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	ACETONE	76.89	67456	0.0097		0.00239	0.0135		0.00222	0.0461		0.00224	0.0058		0.00218	0.00781		0.00191	0.0311		0.00253	ND	U	0.00253
	BENZENE	0.03696	15.49	0.000422	J	0.000598	0.00412		0.000555	ND	U	0.000561	0.000478	J	0.000544	0.000396	J	0.000478	0.000758	J	0.000633	ND	U	0.000633
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00179	0.00701		0.00166	ND	U	0.00168	ND	U	0.00163	ND	U	0.00143	ND	U	0.0019	ND	U	0.0019
	BROMOBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	BROMOCHLOROMETHANE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	BROMOFORM			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	BROMOMETHANE	0.03877	22.35	ND	U	0.00239	ND	U	0.00222	ND	U	0.00224	ND	U	0.00218	ND	U	0.00191	ND	U	0.00253	ND	U	0.00253
	CARBON DISULFIDE	5.041	1935	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CHLOROBENZENE	1.077	508	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CHLOROETHANE	108.43	43576	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CHLOROFORM	0.00936	5.718	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00239	ND	U	0.00222	ND	U	0.00224	ND	U	0.00218	ND	U	0.00191	ND	U	0.00253	ND	U	0.00253
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	DIBROMOMETHANE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000598	ND	UJ	0.000555	ND	U	0.000561	ND	UJ	0.000544	ND	UJ	0.000478	ND	UJ	0.000633	ND	U	0.000633
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	0.000669	J	0.000633	ND	U	0.000633
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	ISOPROPYLBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	M,P-XYLENES			ND	U	0.0012	ND	U	0.00111	ND	U	0.00112	ND	U	0.00109	ND	U	0.000956	ND	U	0.00127	ND	U	0.00127
	METHYL TERT-BUTYL ETHER			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	NAPHTHALENE	0.08389	44.95	ND	U	0.000598	0.00888		0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	N-BUTYLBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	N-PROPYLBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	O-XYLENE	24.68	9548	ND	U	0.000598	0.00395		0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	P-ISOPROPYLTOLUENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	SEC-BUTYLBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	STYRENE	31.23	8970	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TERT-BUTYLBENZENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TOLUENE	27.66	5570	ND	U	0.000598	0.00374		0.000555	0.00109	J	0.000561	ND	U	0.000544	ND	U	0.000478	0.000944	J	0.000633	ND	U	0.000633
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	VINYL ACETATE	1.525	3646	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000598	ND	U	0.000555	ND	U	0.000561	ND	U	0.000544	ND	U	0.000478	ND	U	0.000633	ND	U	0.000633

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0927			SB0928			SB0933			SB0929			SB0930			SB0931			SB0932		
			SAMPLE_DATE	8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			10-20 FT			101-150 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	1,3-DICHLOROBENZENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.354	ND	U	0.392	ND	U	0.356	ND	U	0.371	ND	U	0.368	ND	U	0.349	ND	U	0.345
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.354	ND	U	0.392	ND	U	0.356	ND	U	0.371	ND	U	0.368	ND	U	0.349	ND	U	0.345
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	2,6-DICHLOROPHENOL			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2,6-DINITROTOLUENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2-CHLORONAPHTHALENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2-METHYLPHENOL			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	2-NITROANILINE			ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	2-NITROPHENOL			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	3,3'-DICHLOROBENZIDINE			ND	U	0.358	ND	U	0.396	ND	U	0.359	ND	U	0.375	ND	U	0.372	ND	U	0.352	ND	U	0.348
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	3-NITROANILINE			ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.354	ND	U	0.392	ND	U	0.356	ND	U	0.371	ND	U	0.368	ND	U	0.349	ND	U	0.345
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	4-CHLOROANILINE			ND	UJ	0.0358	ND	UJ	0.0396	ND	UJ	0.0359	ND	UJ	0.0375	ND	UJ	0.0372	ND	UJ	0.0352	ND	UJ	0.0348
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	4-NITROANILINE			ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	4-NITROPHENOL			ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	BENZENAMINE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0358	1.17		0.0396	ND	U	0.0359	0.288	J	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BUTYL BENZYL PHTHALATE			ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	CARBAZOLE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	DIBENZOFURAN			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	DI-N-BUTYL PHTHALATE			ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	DI-N-OCTYL PHTHALATE			ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	ISOPHORONE	3.69	5119	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	NITROBENZENE	0.13727	49.41	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0716	ND	U	0.0792	ND	U	0.0719	ND	U	0.0751	ND	U	0.0745	ND	U	0.0706	ND	U	0.0697
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174
	PHENOL	126	18331	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	PYRIDINE			ND	U	0.179	ND	U	0.198	ND	U	0.18	ND	U	0.188	ND	U	0.186	ND	U	0.177	ND	U	0.174

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0927			SB0928			SB0933			SB0929			SB0930			SB0931			SB0932		
			SAMPLE_DATE	8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			10-20 FT			101-150 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	ACENAPHTHENE	409.91	3441	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	ACENAPHTHYLENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	ANTHRACENE	6739	17203	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	BENZO(GHI)PERYLENE			ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	CHRYSENE	652.34	621.36	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	FLUORANTHENE	3108	2294	ND	U	0.0179	ND	U	0.0198	ND	U	0.018	ND	U	0.0188	ND	U	0.0186	ND	U	0.0177	ND	U	0.0174
	FLUORENE	499.58	2294	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	NAPHTHALENE	0.08389	44.95	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	PHENANTHRENE	1669	1833	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
	PYRENE	2238	1720	ND	U	0.0358	ND	U	0.0396	ND	U	0.0359	ND	U	0.0375	ND	U	0.0372	ND	U	0.0352	ND	U	0.0348
Metals (mg/Kg), Method 6010	LEAD		400	4.81		0.26	11.9		0.29	5.26		0.26	6.53		0.27	7.95		0.27	5.76	J-	0.25	4.06		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0934			SB0935			SB0936			SB0937			SB0938			SB0939			SB0940		
			SAMPLE_DATE	9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			15-Mar-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			2.52	J	2.11	3.19	J	2.11	ND	U	2.84	14.8		2.07	10.1		2.03	5.18		2.05	1.68	J	2.29
Method 8015B	GASOLINE RANGE ORGANICS			1.15	J	2.27	ND	U	2.39	10.8		2.74	ND	U	2.44	ND	U	2.37	ND	U	1.96	ND	U	3.04
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,1-DICHLOROPROPENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2,3-TRICHLOROBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00202	ND	R	0.00327	ND	U	0.157	ND	U	0.00212	ND	U	0.00225	ND	U	0.00202	ND	U	0.00182
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00202	ND	U	0.00327	ND	U	0.157	ND	U	0.00212	ND	U	0.00225	ND	U	0.00202	ND	U	0.00182
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	0.000392	J	0.000455
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,3-DICHLOROBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,3-DICHLOROPROPANE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	1-CHLOROHEXANE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	2,2-DICHLOROPROPANE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	2-BUTANONE			0.00237	J	0.00202	ND	U	0.00327	ND	U	0.157	ND	UJ	0.00212	ND	UJ	0.00225	ND	UJ	0.00202	ND	U	0.00182
	2-CHLOROTOLUENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	2-HEXANONE			ND	U	0.00202	ND	U	0.00327	ND	U	0.157	ND	UJ	0.00212	ND	UJ	0.00225	ND	UJ	0.00202	0.00363	J	0.00182
	2-PROPENAL	0.00015	0.64556	ND	R	0.00505	ND	R	0.00816	ND	U	0.393	ND	R	0.0053	ND	R	0.00563	ND	R	0.00506	ND	R	0.00455
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00202	ND	R	0.00327	ND	R	0.157	ND	R	0.00212	ND	R	0.00225	ND	R	0.00202	ND	R	0.00182
	4-CHLOROTOLUENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	ACETONE	76.89	67456	0.0816	J	0.127	0.0212		0.00327	ND	R	0.157	0.00229	J	0.00212	0.0057		0.00225	0.00412	J	0.00202	ND	U	0.00182
	BENZENE	0.03696	15.49	0.00946		0.000505	ND	U	0.000816	**0.911**		0.0393	0.000332	J	0.00053	0.000619	J	0.000563	0.000585	J	0.000506	0.0113		0.000455
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00152	ND	U	0.00245	0.0982	J	0.118	ND	U	0.00159	ND	U	0.00169	ND	U	0.00152	0.00878		0.00136
	BROMOBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	BROMOCHLOROMETHANE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	BROMOFORM			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	BROMOMETHANE	0.03877	22.35	ND	U	0.00202	ND	U	0.00327	ND	U	0.157	ND	U	0.00212	ND	U	0.00225	ND	U	0.00202	ND	U	0.00182
	CARBON DISULFIDE	5.041	1935	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CHLOROBENZENE	1.077	508	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CHLOROETHANE	108.43	43576	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CHLOROFORM	0.00936	5.718	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00202	ND	U	0.00327	ND	U	0.157	ND	U	0.00212	ND	U	0.00225	ND	U	0.00202	ND	U	0.00182
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	DIBROMOMETHANE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	UJ	0.00053	ND	UJ	0.000563	ND	UJ	0.000506	ND	U	0.000455
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000505	ND	U	0.000816	0.0486	J	0.0393	0.000283	J	0.00053	0.000279	J	0.000563	0.000229	J	0.000506	0.00225		0.000455
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	ISOPROPYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	M,P-XYLENES			ND	U	0.00101	ND	U	0.00163	0.0982	J	0.0786	ND	U	0.00106	ND	U	0.00113	ND	U	0.00101	0.00589		0.000909
	METHYL TERT-BUTYL ETHER			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	NAPHTHALENE	0.08389	44.95	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	N-BUTYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	0.00075	J	0.000455
	N-PROPYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	O-XYLENE	24.68	9548	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	0.0029		0.000455
	P-ISOPROPYLTOLUENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	SEC-BUTYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	STYRENE	31.23	8970	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TERT-BUTYLBENZENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TOLUENE	27.66	5570	0.0442		0.000505	ND	U	0.000816	2.74		0.0393	0.000955	J	0.00053	0.00202	J	0.000563	0.00178	J	0.000506	0.0284		0.000455
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	VINYL ACETATE	1.525	3646	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000505	ND	U	0.000816	ND	U	0.0393	ND	U	0.00053	ND	U	0.000563	ND	U	0.000506	ND	U	0.000455

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0934			SB0935			SB0936			SB0937			SB0938			SB0939			SB0940		
			SAMPLE_DATE	9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			15-Mar-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	1,3-DICHLOROBENZENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.344	ND	U	0.343	ND	U	0.463	ND	U	0.341	ND	U	0.331	ND	U	0.338	ND	U	0.381
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.344	ND	U	0.343	ND	U	0.463	ND	U	0.341	ND	U	0.331	ND	U	0.338	ND	U	0.381
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	2,6-DICHLOROPHENOL			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2,6-DINITROTOLUENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2-CHLORONAPHTHALENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2-METHYLPHENOL			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	2-NITROANILINE			ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	2-NITROPHENOL			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	3,3'-DICHLOROBENZIDINE			ND	U	0.347	ND	U	0.347	ND	UJ	0.467	ND	UJ	0.344	ND	UJ	0.334	ND	UJ	0.342	ND	U	0.385
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	3-NITROANILINE			ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.344	ND	U	0.343	ND	U	0.463	ND	U	0.341	ND	U	0.331	ND	U	0.338	ND	U	0.381
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	4-CHLOROANILINE			ND	UJ	0.0347	ND	UJ	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	4-NITROANILINE			ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	4-NITROPHENOL			ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	BENZENAMINE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	0.103	J	0.0344	0.332		0.0334	0.145	J	0.0342	ND	U	0.0385
	BUTYL BENZYL PHTHALATE			ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	CARBAZOLE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	DIBENZOFURAN			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	DI-N-BUTYL PHTHALATE			ND	U	0.0174	ND	U	0.0174	0.0209	J	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	DI-N-OCTYL PHTHALATE			ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	ISOPHORONE	3.69	5119	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	NITROBENZENE	0.13727	49.41	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0695	ND	U	0.0694	ND	U	0.0935	ND	U	0.0689	ND	U	0.0669	ND	U	0.0684	ND	U	0.077
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193
	PHENOL	126	18331	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	PYRIDINE			ND	U	0.174	ND	U	0.174	ND	U	0.234	ND	U	0.172	ND	U	0.168	ND	U	0.171	ND	U	0.193

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061		
			SAMPLE_NO	SB0934			SB0935			SB0936			SB0937			SB0938			SB0939			SB0940		
			SAMPLE_DATE	9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			15-Mar-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	ACENAPHTHENE	409.91	3441	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	ACENAPHTHYLENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	ANTHRACENE	6739	17203	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	BENZO(GHI)PERYLENE			ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	CHRYSENE	652.34	621.36	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	FLUORANTHENE	3108	2294	ND	U	0.0174	ND	U	0.0174	ND	U	0.0234	ND	U	0.0172	ND	U	0.0168	ND	U	0.0171	ND	U	0.0193
	FLUORENE	499.58	2294	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	NAPHTHALENE	0.08389	44.95	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	PHENANTHRENE	1669	1833	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
	PYRENE	2238	1720	ND	U	0.0347	ND	U	0.0347	ND	U	0.0467	ND	U	0.0344	ND	U	0.0334	ND	U	0.0342	ND	U	0.0385
Metals (mg/Kg), Method 6010	LEAD		400	5.74		0.25	4.85		0.25	10.4		0.34	2.04		0.25	2.76		0.24	2.29		0.25	7.9	J-	0.28

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0941			SB0942			SB0943			SB1757			SB0944			SB0945			SB0946		
			SAMPLE_DATE	15-Mar-11			21-Mar-11			22-Mar-11			23-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	451-500 FT			501-550 FT			551-600 FT			600-620 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			16.2		2.41	9.2		2.47	4.97		2.39	2.6	J	2.5	ND	U	2.1	1.63	J	2.12	3.5	J	2.44
Method 8015B	GASOLINE RANGE ORGANICS			0.937	J	2.05	ND	U	2.15	ND	U	2.03	ND	U	2.06	ND	U	3.03	ND	U	3.08	ND	U	3.59
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,1-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2,3-TRICHLOROBENZENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2,4-TRIMETHYLBENZENE			0.000663	J	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	0.00153	J	0.000578	0.000887	J	0.000673
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	ND	U	0.00278	ND	U	0.00231	ND	U	0.00269
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	ND	U	0.00278	ND	U	0.00231	ND	U	0.00269
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,3,5-TRIMETHYLBENZENE			0.00052	J	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	0.000633	J	0.000578	ND	U	0.000673
	1,3-DICHLOROBENZENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,3-DICHLOROPROPANE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	1-CHLOROHEXANE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	2,2-DICHLOROPROPANE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	2-BUTANONE			0.00572		0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	0.00513	J	0.00278	0.00382	J	0.00231	0.00366	J	0.00269
	2-CHLOROTOLUENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	2-HEXANONE			ND	U	0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	ND	U	0.00278	ND	UJ	0.00231	ND	UJ	0.00269
	2-PROPENAL	0.00015	0.64556	ND	R	0.00564	ND	R	0.0294	ND	R	0.00525	ND	R	0.00584	ND	R	0.00696	ND	R	0.00578	ND	R	0.00673
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00226	ND	R	0.0118	ND	R	0.0021	ND	R	0.00234	ND	R	0.00278	ND	R	0.00231	ND	R	0.00269
	4-CHLOROTOLUENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	UJ	0.000578	ND	UJ	0.000673
	ACETONE	76.89	67456	0.0163		0.00226	0.0296		0.0118	ND	U	0.0021	ND	U	0.00234	0.0132		0.00278	0.0113	J	0.00231	0.0119	J	0.00269
	BENZENE	0.03696	15.49	0.000984	J	0.000564	ND	U	0.00294	0.000282	J	0.000525	ND	U	0.000584	0.000959	J	0.000696	0.00352		0.000578	0.00122	J	0.000673
	BENZENE, DIMETHYL-	3.523	1086	0.00863		0.00169	ND	U	0.00883	ND	U	0.00158	ND	U	0.00175	ND	U	0.00209	0.00349	J	0.00173	0.000856	J	0.00202
	BROMOBENZENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	BROMOCHLOROMETHANE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	BROMOFORM			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	BROMOMETHANE	0.03877	22.35	ND	U	0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	ND	U	0.00278	ND	U	0.00231	ND	U	0.00269
	CARBON DISULFIDE	5.041	1935	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CHLOROBENZENE	1.077	508	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CHLOROETHANE	108.43	43576	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CHLOROFORM	0.00936	5.718	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00226	ND	U	0.0118	ND	U	0.0021	ND	U	0.00234	ND	U	0.00278	ND	U	0.00231	ND	U	0.00269
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	DIBROMOMETHANE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000564	ND	UJ	0.00294	ND	U	0.000525	ND	UJ	0.000584	ND	UJ	0.000696	ND	UJ	0.000578	ND	UJ	0.000673
	ETHYLBENZENE	0.29128	69.66	0.00202	J	0.000564	0.00544	J	0.00294	0.00215		0.000525	0.00161	J	0.000584	ND	U	0.000696	0.00096	J	0.000578	0.000487	J	0.000673
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	ISOPROPYLBENZENE			0.00287		0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	M,P-XYLENES			0.00518		0.00113	ND	U	0.00589	ND	U	0.00105	ND	U	0.00117	ND	U	0.00139	0.00349	J	0.00116	0.000856	J	0.00135
	METHYL TERT-BUTYL ETHER			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	NAPHTHALENE	0.08389	44.95	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	N-BUTYLBENZENE			0.00116	J	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	N-PROPYLBENZENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	0.000189	J	0.000578	ND	U	0.000673
	O-XYLENE	24.68	9548	0.00344		0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	P-ISOPROPYLTOLUENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	SEC-BUTYLBENZENE			0.000437	J	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	STYRENE	31.23	8970	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TERT-BUTYLBENZENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TOLUENE	27.66	5570	0.0053		0.000564	ND	U	0.00294	0.00128	J	0.000525	ND	U	0.000584	ND	U	0.000696	0.00418		0.000578	ND	U	0.000673
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	VINYL ACETATE	1.525	3646	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000564	ND	U	0.00294	ND	U	0.000525	ND	U	0.000584	ND	U	0.000696	ND	U	0.000578	ND	U	0.000673

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0941			SB0942			SB0943			SB1757			SB0944			SB0945			SB0946		
			SAMPLE_DATE	15-Mar-11			21-Mar-11			22-Mar-11			23-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	451-500 FT			501-550 FT			551-600 FT			600-620 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	1,3-DICHLOROBENZENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.393	ND	U	0.408	ND	U	0.394	ND	U	0.412	ND	U	0.347	ND	U	0.349	ND	U	0.401
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.393	ND	U	0.408	ND	U	0.394	ND	U	0.412	ND	U	0.347	ND	U	0.349	ND	U	0.401
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	2,6-DICHLOROPHENOL			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2,6-DINITROTOLUENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2-CHLORONAPHTHALENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2-METHYLPHENOL			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	2-NITROANILINE			ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	2-NITROPHENOL			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	3,3'-DICHLOROBENZIDINE			ND	U	0.397	ND	U	0.412	ND	U	0.398	ND	U	0.415	ND	U	0.35	ND	U	0.352	ND	U	0.405
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	3-NITROANILINE			ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.393	ND	U	0.408	ND	U	0.394	ND	U	0.412	ND	U	0.347	ND	U	0.349	ND	U	0.401
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	4-CHLOROANILINE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	UJ	0.035	ND	UJ	0.0352	ND	UJ	0.0405
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	4-NITROANILINE			ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	4-NITROPHENOL			ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	BENZENAMINE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0884	J	0.0397	ND	U	0.0412	0.0731	J	0.0398	0.0702	J	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BUTYL BENZYL PHTHALATE			ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	CARBAZOLE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	DIBENZOFURAN			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0397	0.0283	J	0.0412	0.0294	J	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	DI-N-BUTYL PHTHALATE			ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	DI-N-OCTYL PHTHALATE			ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	ISOPHORONE	3.69	5119	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	NITROBENZENE	0.13727	49.41	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0794	ND	U	0.0825	ND	U	0.0797	ND	U	0.0832	ND	U	0.0702	ND	U	0.0706	ND	U	0.081
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203
	PHENOL	126	18331	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	PYRIDINE			ND	U	0.199	ND	U	0.207	ND	U	0.2	ND	U	0.208	ND	U	0.176	ND	U	0.177	ND	U	0.203

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106062		
		SAMPLE_NO		SB0941			SB0942			SB0943			SB1757			SB0944			SB0945			SB0946		
		SAMPLE_DATE		15-Mar-11			21-Mar-11			22-Mar-11			23-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		451-500 FT			501-550 FT			551-600 FT			600-620 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	ACENAPHTHENE	409.91	3441	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	ACENAPHTHYLENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	ANTHRACENE	6739	17203	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	BENZO(GHI)PERYLENE			ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	CHRYSENE	652.34	621.36	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	FLUORANTHENE	3108	2294	ND	U	0.0199	ND	U	0.0207	ND	U	0.02	ND	U	0.0208	ND	U	0.0176	ND	U	0.0177	ND	U	0.0203
	FLUORENE	499.58	2294	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	NAPHTHALENE	0.08389	44.95	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	PHENANTHRENE	1669	1833	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
	PYRENE	2238	1720	ND	U	0.0397	ND	U	0.0412	ND	U	0.0398	ND	U	0.0415	ND	U	0.035	ND	U	0.0352	ND	U	0.0405
Metals (mg/Kg), Method 6010	LEAD		400	2.27		0.29	2.47		0.3	2.93		0.29	2.62		0.3	4.92		0.25	8.81		0.25	8.85		0.29

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0947			SB0948			SB0949			SB0951			SB0952			SB0950			SB0953		
			SAMPLE_DATE	7-Mar-11			7-Mar-11			7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			9-Mar-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			100-150 FT			150-200 FT			51-100 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			2.24	J	2.19	34.7		2.15	36.1	J-	2.07	2.05	J	2.12	19.2		2.05	339		10.9	2.2	J	2.07
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.67	ND	U	3.03	ND	U	1.88	ND	U	2.75	ND	U	2.23	ND	U	2.15	ND	U	2.41
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,1-DICHLOROPROPENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2,3-TRICHLOROBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00708	ND	U	0.00315	ND	R	0.00184	ND	R	0.0025	ND	R	0.00238	ND	R	0.00216	ND	U	0.00172
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00708	ND	U	0.00315	ND	U	0.00184	ND	U	0.0025	ND	U	0.00238	ND	U	0.00216	ND	U	0.00172
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,3-DICHLOROBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,3-DICHLOROPROPANE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	1-CHLOROHEXANE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	2,2-DICHLOROPROPANE			ND	U	0.00177	ND	U	0.000787	ND	UJ	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	2-BUTANONE			0.0131	J	0.00708	0.00403	J	0.00315	ND	UJ	0.00184	ND	U	0.0025	ND	U	0.00238	ND	U	0.00216	ND	UJ	0.00172
	2-CHLOROTOLUENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	2-HEXANONE			ND	U	0.00708	ND	UJ	0.00315	ND	UJ	0.00184	ND	U	0.0025	ND	U	0.00238	ND	U	0.00216	ND	UJ	0.00172
	2-PROPENAL	0.00015	0.64556	ND	R	0.0177	ND	R	0.00787	ND	R	0.00461	ND	R	0.00626	ND	R	0.00595	ND	R	0.00539	ND	R	0.00429
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00708	ND	R	0.00315	ND	R	0.00184	ND	R	0.0025	ND	R	0.00238	ND	R	0.00216	ND	R	0.00172
	4-CHLOROTOLUENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00177	ND	UJ	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	ACETONE	76.89	67456	0.0401	J	0.00708	0.0157	J	0.00315	ND	U	0.00184	0.0103		0.0025	0.0153		0.00238	0.0083		0.00216	0.00396	J	0.00172
	BENZENE	0.03696	15.49	0.00251	J	0.00177	0.000493	J	0.000787	ND	U	0.000461	0.000892	J	0.000626	ND	U	0.000595	ND	U	0.000539	0.000143	J	0.000429
	BENZENE, DIMETHYL-	3.523	1086	ND	UJ	0.00531	ND	U	0.00236	ND	U	0.00138	ND	U	0.00188	ND	U	0.00178	ND	U	0.00162	ND	U	0.00129
	BROMOBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	BROMOCHLOROMETHANE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	BROMOFORM			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	BROMOMETHANE	0.03877	22.35	ND	U	0.00708	ND	U	0.00315	ND	U	0.00184	ND	U	0.0025	ND	U	0.00238	ND	U	0.00216	ND	U	0.00172
	CARBON DISULFIDE	5.041	1935	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CHLOROBENZENE	1.077	508	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CHLOROETHANE	108.43	43576	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CHLOROFORM	0.00936	5.718	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00708	ND	U	0.00315	ND	U	0.00184	ND	U	0.0025	ND	U	0.00238	ND	U	0.00216	ND	U	0.00172
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	DIBROMOMETHANE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.00177	ND	UJ	0.000787	ND	UJ	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	UJ	0.000429
	ETHYLBENZENE	0.29128	69.66	ND	UJ	0.00177	0.000885	J	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	0.000208	J	0.000429
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00177	ND	U	0.000787	ND	UJ	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	ISOPROPYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	M,P-XYLENES			ND	UJ	0.00354	ND	U	0.00157	ND	U	0.000922	ND	U	0.00125	ND	U	0.00119	ND	U	0.00108	ND	U	0.000859
	METHYL TERT-BUTYL ETHER			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	NAPHTHALENE	0.08389	44.95	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	N-BUTYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	N-PROPYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	O-XYLENE	24.68	9548	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	P-ISOPROPYLTOLUENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	SEC-BUTYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	STYRENE	31.23	8970	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TERT-BUTYLBENZENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TOLUENE	27.66	5570	ND	U	0.00177	ND	U	0.000787	0.000897	J	0.000461	0.00147	J	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	VINYL ACETATE	1.525	3646	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00177	ND	U	0.000787	ND	U	0.000461	ND	U	0.000626	ND	U	0.000595	ND	U	0.000539	ND	U	0.000429

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0947			SB0948			SB0949			SB0951			SB0952			SB0950			SB0953		
			SAMPLE_DATE	7-Mar-11			7-Mar-11			7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			9-Mar-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			100-150 FT			150-200 FT			51-100 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.0182	ND	U	0.0173
	1,3-DICHLOROBENZENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.363	ND	U	0.355	ND	U	0.347	ND	U	0.354	ND	U	0.339	ND	U	0.359	ND	U	0.343
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.363	ND	U	0.355	ND	U	0.347	ND	U	0.354	ND	U	0.339	ND	U	0.359	ND	U	0.343
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	2,6-DICHLOROPHENOL			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2,6-DINITROTOLUENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2-CHLORONAPHTHALENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2-METHYLPHENOL			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	2-NITROANILINE			ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	2-NITROPHENOL			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	3,3'-DICHLOROBENZIDINE			ND	U	0.366	ND	U	0.358	ND	U	0.35	ND	UJ	0.357	ND	UJ	0.342	ND	U	0.363	ND	UJ	0.346
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	3-NITROANILINE			ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.363	ND	U	0.355	ND	U	0.347	ND	U	0.354	ND	U	0.339	ND	U	0.359	ND	U	0.343
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	4-CHLOROANILINE			ND	UJ	0.0366	ND	UJ	0.0358	ND	UJ	0.035	ND	UJ	0.0357	ND	UJ	0.0342	ND	UJ	0.0363	ND	U	0.0346
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	4-NITROANILINE			ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	4-NITROPHENOL			ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	BENZENAMINE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BIS(2-ETHYLHEXYL)PHTHALATE			0.139	J	0.0366	0.346	J	0.0358	1.55	J+	0.035	ND	U	0.0357	ND	U	0.0342	20.4		0.181	0.186	J	0.0346
	BUTYL BENZYL PHTHALATE			ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.0182	ND	U	0.0173
	CARBAZOLE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	DIBENZOFURAN			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.0182	ND	U	0.0173
	DI-N-BUTYL PHTHALATE			ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	0.0636	J	0.0182	ND	U	0.0173
	DI-N-OCTYL PHTHALATE			ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.0182	ND	U	0.0173
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	ISOPHORONE	3.69	5119	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	NITROBENZENE	0.13727	49.41	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0734	ND	U	0.0718	ND	U	0.0701	ND	U	0.0715	ND	U	0.0685	ND	U	0.0727	ND	U	0.0693
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0366	ND	U	0.0358	0.0728	J	0.035	ND	U	0.0357	ND	U	0.0342	0.904		0.0363	ND	U	0.0346
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173
	PHENOL	126	18331	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	PYRIDINE			ND	U	0.184	ND	U	0.18	ND	U	0.176	ND	U	0.179	ND	U	0.172	ND	U	0.182	ND	U	0.173

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
		SAMPLE_NO		SB0947			SB0948			SB0949			SB0951			SB0952			SB0950			SB0953		
		SAMPLE_DATE		7-Mar-11			7-Mar-11			7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			9-Mar-11		
		SAMPLE_PURPOSE		FD			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		21-30 FT			31-40 FT			41-50 FT			100-150 FT			150-200 FT			51-100 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	ACENAPHTHENE	409.91	3441	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	ACENAPHTHYLENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	ANTHRACENE	6739	17203	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.181	ND	U	0.0346
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.181	ND	U	0.0346
	BENZO(GHI)PERYLENE			ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.091	ND	U	0.0173
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.181	ND	U	0.0346
	CHRYSENE	652.34	621.36	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.091	ND	U	0.0173
	FLUORANTHENE	3108	2294	ND	U	0.0184	ND	U	0.018	ND	U	0.0176	ND	U	0.0179	ND	U	0.0172	ND	U	0.0182	ND	U	0.0173
	FLUORENE	499.58	2294	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.181	ND	U	0.0346
	NAPHTHALENE	0.08389	44.95	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	ND	U	0.0363	ND	U	0.0346
	PHENANTHRENE	1669	1833	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	0.0223	J	0.0363	ND	U	0.0346
	PYRENE	2238	1720	ND	U	0.0366	ND	U	0.0358	ND	U	0.035	ND	U	0.0357	ND	U	0.0342	0.0203	J	0.0363	ND	U	0.0346
Metals (mg/Kg), Method 6010	LEAD		400	7.76		0.26	5.71		0.26	6.18	J-	0.25	6.43		0.26	3.28		0.24	9.11		0.26	4.49		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0954			SB0955			SB0956			SB0957			SB0958			SB0959			SB1756		
			SAMPLE_DATE	9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			10-Mar-11			10-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			351-400 FT			401-450 FT			451-500 FT			501-550 FT			550-600 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.1	14.1		2.56	9		2.1	4.59		2.05	154		12.7	2.05	J	2.46	20.7		2.59
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.17	ND	U	3.45	ND	U	2.35	ND	U	4.48	386		30.6	2.64	J	2.36	ND	U	2.39
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,1-DICHLOROPROPENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2,3-TRICHLOROBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	5.52		0.1	ND	U	0.000551	ND	U	0.000548
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00248	ND	U	0.00185	ND	U	0.00226	ND	U	0.00228	ND	U	0.4	ND	U	0.0022	ND	U	0.00219
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00248	ND	U	0.00185	ND	U	0.00226	ND	U	0.00228	**0.113**	J	0.4	ND	U	0.0022	ND	U	0.00219
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	1.89		0.1	ND	U	0.000551	ND	U	0.000548
	1,3-DICHLOROBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,3-DICHLOROPROPANE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	1-CHLOROHEXANE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	2,2-DICHLOROPROPANE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	2-BUTANONE			ND	UJ	0.00248	ND	U	0.00185	ND	U	0.00226	ND	U	0.00228	ND	U	0.4	0.00268	J	0.0022	ND	UJ	0.00219
	2-CHLOROTOLUENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	2-HEXANONE			ND	UJ	0.00248	ND	U	0.00185	ND	U	0.00226	ND	U	0.00228	ND	U	0.4	ND	UJ	0.0022	ND	UJ	0.00219
	2-PROPENAL	0.00015	0.64556	ND	R	0.0062	ND	R	0.00462	ND	R	0.00564	ND	R	0.0057	ND	U	1	ND	R	0.00551	ND	R	0.00548
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00248	ND	R	0.00185	ND	R	0.00226	ND	R	0.00228	ND	R	0.4	ND	R	0.0022	ND	R	0.00219
	4-CHLOROTOLUENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	ACETONE	76.89	67456	0.0341		0.00248	0.00884		0.00185	0.00867		0.00226	0.00481	J	0.00228	2.52	R	0.4	0.0224		0.0022	0.00596		0.00219
	BENZENE	0.03696	15.49	0.000224	J	0.00062	0.0137		0.000462	ND	U	0.000564	ND	U	0.00057	**0.897**		0.1	0.000979	J	0.000551	0.000147	J	0.000548
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00186	0.00387	J	0.00139	ND	U	0.00169	ND	U	0.00171	**15.7**		0.3	ND	U	0.00165	ND	U	0.00164
	BROMOBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	BROMOCHLOROMETHANE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	BROMOFORM			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	BROMOMETHANE	0.03877	22.35	ND	U	0.00248	ND	U	0.00185	ND	U	0.00226	ND	U	0.00228	ND	U	0.4	ND	U	0.0022	ND	U	0.00219
	CARBON DISULFIDE	5.041	1935	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CHLOROBENZENE	1.077	508	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CHLOROETHANE	108.43	43576	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CHLOROFORM	0.00936	5.718	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00248	ND	UJ	0.00185	ND	UJ	0.00226	ND	UJ	0.00228	ND	U	0.4	ND	U	0.0022	ND	U	0.00219
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	DIBROMOMETHANE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	UJ	0.000551	ND	UJ	0.000548
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00062	0.00224		0.000462	ND	U	0.000564	ND	U	0.00057	**4.35**		0.1	ND	U	0.000551	ND	U	0.000548
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	ISOPROPYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	1.17		0.1	ND	U	0.000551	ND	U	0.000548
	M,P-XYLENES			ND	U	0.00124	0.00387		0.000923	ND	U	0.00113	ND	U	0.00114	11		0.2	ND	U	0.0011	ND	U	0.0011
	METHYL TERT-BUTYL ETHER			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	**0.356**	J	0.1	ND	U	0.000551	ND	U	0.000548
	NAPHTHALENE	0.08389	44.95	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	**1.58**		0.1	ND	U	0.000551	ND	U	0.000548
	N-BUTYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	1.2		0.1	ND	U	0.000551	ND	U	0.000548
	N-PROPYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	2		0.1	ND	U	0.000551	ND	U	0.000548
	O-XYLENE	24.68	9548	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	4.69		0.1	ND	U	0.000551	ND	U	0.000548
	P-ISOPROPYLTOLUENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	0.223	J	0.1	ND	U	0.000551	ND	U	0.000548
	SEC-BUTYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	0.778		0.1	ND	U	0.000551	ND	U	0.000548
	STYRENE	31.23	8970	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	0.291	J	0.1	ND	U	0.000551	ND	U	0.000548
	TERT-BUTYLBENZENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	TOLUENE	27.66	5570	ND	U	0.00062	0.0792		0.000462	ND	U	0.000564	ND	U	0.00057	12.5		0.1	ND	U	0.000551	ND	U	0.000548
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	VINYL ACETATE	1.525	3646	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00062	ND	U	0.000462	ND	U	0.000564	ND	U	0.00057	ND	U	0.1	ND	U	0.000551	ND	U	0.000548

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
			SAMPLE_NO	SB0954			SB0955			SB0956			SB0957			SB0958			SB0959			SB1756		
			SAMPLE_DATE	9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			10-Mar-11			10-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			351-400 FT			401-450 FT			451-500 FT			501-550 FT			550-600 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	1,3-DICHLOROBENZENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.351	ND	U	0.423	ND	U	0.343	ND	U	0.34	ND	U	0.418	ND	U	0.405	ND	U	0.432
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.351	ND	U	0.423	ND	U	0.343	ND	U	0.34	ND	U	0.418	ND	U	0.405	ND	U	0.432
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	2,6-DICHLOROPHENOL			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2,6-DINITROTOLUENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2-CHLORONAPHTHALENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2-METHYLPHENOL			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	2-NITROANILINE			ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	2-NITROPHENOL			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.354	ND	UJ	0.427	ND	UJ	0.346	ND	UJ	0.343	ND	UJ	0.421	ND	UJ	0.408	ND	UJ	0.436
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	3-NITROANILINE			ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.351	ND	U	0.423	ND	U	0.343	ND	U	0.34	ND	U	0.418	ND	U	0.405	ND	U	0.432
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	4-CHLOROANILINE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	4-NITROANILINE			ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	4-NITROPHENOL			ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	BENZENAMINE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0354	0.202	J	0.0427	0.562		0.0346	0.118	J	0.0343	0.981		0.0421	0.0718	J	0.0408	1.78		0.0436
	BUTYL BENZYL PHTHALATE			ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	CARBAZOLE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	DIBENZOFURAN			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	0.0191	J	0.0421	ND	U	0.0408	ND	U	0.0436
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	DI-N-BUTYL PHTHALATE			ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	DI-N-OCTYL PHTHALATE			ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	ISOPHORONE	3.69	5119	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	NITROBENZENE	0.13727	49.41	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.071	ND	U	0.0855	ND	U	0.0693	ND	U	0.0688	ND	U	0.0844	ND	U	0.0818	ND	U	0.0874
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	0.0616	J	0.0421	ND	U	0.0408	0.0457	J	0.0436
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219
	PHENOL	126	18331	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	PYRIDINE			ND	U	0.178	ND	U	0.214	ND	U	0.173	ND	U	0.172	ND	U	0.211	ND	U	0.205	ND	U	0.219

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062			KAFB-106062		
		SAMPLE_NO		SB0954			SB0955			SB0956			SB0957			SB0958			SB0959			SB1756		
		SAMPLE_DATE		9-Mar-11			9-Mar-11			9-Mar-11			9-Mar-11			10-Mar-11			10-Mar-11			10-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		251-300 FT			301-350 FT			351-400 FT			401-450 FT			451-500 FT			501-550 FT			550-600 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	0.707		0.0421	ND	U	0.0408	ND	U	0.0436
	ACENAPHTHENE	409.91	3441	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	ACENAPHTHYLENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	ANTHRACENE	6739	17203	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	BENZO(GHI)PERYLENE			ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	CHRYSENE	652.34	621.36	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	FLUORANTHENE	3108	2294	ND	U	0.0178	ND	U	0.0214	ND	U	0.0173	ND	U	0.0172	ND	U	0.0211	ND	U	0.0205	ND	U	0.0219
	FLUORENE	499.58	2294	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	NAPHTHALENE	0.08389	44.95	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	**0.359**	J	0.0421	ND	U	0.0408	ND	U	0.0436
	PHENANTHRENE	1669	1833	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
	PYRENE	2238	1720	ND	U	0.0354	ND	U	0.0427	ND	U	0.0346	ND	U	0.0343	ND	U	0.0421	ND	U	0.0408	ND	U	0.0436
Metals (mg/Kg), Method 6010	LEAD		400	3.8		0.26	16.2		0.31	2.84		0.25	2.6		0.25	1.98		0.3	2.13		0.29	2.07		0.31

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
			SAMPLE_NO	SB1209			SB1216			SB1210			SB1211			SB1212			SB1213			SB1214		
			SAMPLE_DATE	18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	0-10 FT			101-150 FT			11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			4.58	J	2.41	9.6		2.2	38.6		2.16	ND	U	2.22	10		2.24	24.3		2.2	5.61		2.12
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.15	ND	U	2.85	ND	U	2.03	ND	U	2.06	ND	U	2.25	ND	U	2.2	ND	U	2.14
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000611	ND	UJ	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,1-DICHLOROPROPENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2,3-TRICHLOROBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	0.00121	J	0.000575	0.000886	J	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	ND	U	0.00237	ND	U	0.00196	ND	U	0.00237
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	ND	U	0.00237	ND	U	0.00196	ND	U	0.00237
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	0.000652	J	0.000575	0.000477	J	0.000593	ND	U	0.000489	ND	U	0.000591
	1,3-DICHLOROBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,3-DICHLOROPROPANE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	1-CHLOROHEXANE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	2,2-DICHLOROPROPANE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	2-BUTANONE			ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	0.00517	J	0.00237	0.00417	J	0.00196	ND	U	0.00237
	2-CHLOROTOLUENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	2-HEXANONE			ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	ND	U	0.00237	ND	U	0.00196	ND	U	0.00237
	2-PROPENAL	0.00015	0.64556	ND	R	0.00611	ND	R	0.00448	ND	R	0.00561	ND	R	0.00575	ND	R	0.00593	ND	R	0.00489	ND	R	0.00591
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00244	ND	R	0.00179	ND	R	0.00224	ND	R	0.0023	ND	R	0.00237	ND	R	0.00196	ND	R	0.00237
	4-CHLOROTOLUENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	ACETONE	76.89	67456	ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	0.0159		0.0023	0.0214		0.00237	ND	U	0.00196	ND	U	0.00237
	BENZENE	0.03696	15.49	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	0.00317		0.000575	0.00232	J	0.000593	0.000537	J	0.000489	0.000571	J	0.000591
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00183	ND	U	0.00134	ND	U	0.00168	0.00643	J	0.00172	0.00546	J	0.00178	ND	U	0.00147	ND	U	0.00177
	BROMOBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	BROMOCHLOROMETHANE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	BROMOFORM			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	BROMOMETHANE	0.03877	22.35	ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	ND	U	0.00237	ND	U	0.00196	ND	U	0.00237
	CARBON DISULFIDE	5.041	1935	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CHLOROBENZENE	1.077	508	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CHLOROETHANE	108.43	43576	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CHLOROFORM	0.00936	5.718	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00244	ND	U	0.00179	ND	U	0.00224	ND	U	0.0023	ND	U	0.00237	ND	U	0.00196	ND	U	0.00237
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	DIBROMOMETHANE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	ETHYLBENZENE	0.29128	69.66	0.00204	J	0.000611	ND	U	0.000448	0.00169	J	0.000561	0.00185	J	0.000575	0.00143	J	0.000593	0.00115	J	0.000489	0.000957	J	0.000591
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000611	ND	UJ	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	ISOPROPYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	M,P-XYLENES			ND	U	0.00122	ND	U	0.000896	ND	U	0.00112	0.00643		0.00115	0.00546		0.00119	ND	U	0.000979	ND	U	0.00118
	METHYL TERT-BUTYL ETHER			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	NAPHTHALENE	0.08389	44.95	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	N-BUTYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	N-PROPYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	O-XYLENE	24.68	9548	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	P-ISOPROPYLTOLUENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	SEC-BUTYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	STYRENE	31.23	8970	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TERT-BUTYLBENZENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TOLUENE	27.66	5570	ND	U	0.000611	0.00255		0.000448	ND	U	0.000561	0.00615		0.000575	0.00462		0.000593	ND	U	0.000489	ND	U	0.000591
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	VINYL ACETATE	1.525	3646	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000611	ND	U	0.000448	ND	U	0.000561	ND	U	0.000575	ND	U	0.000593	ND	U	0.000489	ND	U	0.000591

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
			SAMPLE_NO	SB1209			SB1216			SB1210			SB1211			SB1212			SB1213			SB1214		
			SAMPLE_DATE	18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	0-10 FT			101-150 FT			11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.02	ND	U	0.0183	ND	U	0.018	ND	U	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	1,3-DICHLOROBENZENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.394	ND	U	0.362	ND	U	0.357	ND	U	0.372	ND	U	0.37	ND	U	0.361	ND	U	0.354
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.394	ND	U	0.362	ND	U	0.357	ND	U	0.372	ND	U	0.37	ND	U	0.361	ND	U	0.354
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	2,6-DICHLOROPHENOL			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2,6-DINITROTOLUENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2-CHLORONAPHTHALENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2-METHYLPHENOL			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	2-NITROANILINE			ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	2-NITROPHENOL			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	3,3'-DICHLOROBENZIDINE			ND	U	0.398	ND	UJ	0.366	ND	U	0.36	ND	U	0.376	ND	U	0.373	ND	U	0.364	ND	U	0.357
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	3-NITROANILINE			ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.394	ND	U	0.362	ND	U	0.357	ND	U	0.372	ND	U	0.37	ND	U	0.361	ND	U	0.354
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	4-CHLOROANILINE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	4-NITROANILINE			ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	4-NITROPHENOL			ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	BENZENAMINE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0398	0.118	J	0.0366	0.711		0.036	0.0655	J	0.0376	0.188	J	0.0373	0.671		0.0364	0.118	J	0.0357
	BUTYL BENZYL PHTHALATE			ND	U	0.02	ND	U	0.0183	ND	U	0.018	0.00914	J	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	CARBAZOLE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	DIBENZOFURAN			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.02	ND	U	0.0183	ND	U	0.018	ND	U	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	DI-N-BUTYL PHTHALATE			0.0159	J	0.02	ND	U	0.0183	ND	U	0.018	ND	U	0.0188	0.0174	J	0.0187	ND	U	0.0183	ND	U	0.0179
	DI-N-OCTYL PHTHALATE			ND	U	0.02	ND	U	0.0183	ND	U	0.018	0.00898	J	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	ISOPHORONE	3.69	5119	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	NITROBENZENE	0.13727	49.41	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0797	ND	U	0.0732	ND	U	0.0721	ND	U	0.0753	ND	U	0.0747	ND	U	0.073	ND	U	0.0715
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179
	PHENOL	126	18331	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	PYRIDINE			ND	U	0.2	ND	U	0.183	ND	U	0.18	ND	U	0.188	ND	U	0.187	ND	U	0.183	ND	U	0.179

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
			SAMPLE_NO	SB1209			SB1216			SB1210			SB1211			SB1212			SB1213			SB1214		
			SAMPLE_DATE	18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11			18-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	0-10 FT			101-150 FT			11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	ACENAPHTHENE	409.91	3441	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	ACENAPHTHYLENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	ANTHRACENE	6739	17203	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	BENZO(GHI)PERYLENE			ND	U	0.02	ND	U	0.0183	ND	U	0.018	0.013	J	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	CHRYSENE	652.34	621.36	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.02	ND	U	0.0183	ND	U	0.018	ND	U	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	FLUORANTHENE	3108	2294	ND	U	0.02	ND	U	0.0183	ND	U	0.018	ND	U	0.0188	ND	U	0.0187	ND	U	0.0183	ND	U	0.0179
	FLUORENE	499.58	2294	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	NAPHTHALENE	0.08389	44.95	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	PHENANTHRENE	1669	1833	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
	PYRENE	2238	1720	ND	U	0.0398	ND	U	0.0366	ND	U	0.036	ND	U	0.0376	ND	U	0.0373	ND	U	0.0364	ND	U	0.0357
Metals (mg/Kg), Method 6010	LEAD		400	5.14		0.29	5.05		0.26	4.97		0.26	7.87		0.27	7.88		0.27	4.94		0.26	6.31		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
			SAMPLE_NO	SB1215			SB1217			SB1218			SB1752			SB1219			SB1220			SB1221		
			SAMPLE_DATE	18-Mar-11			19-Mar-11			19-Mar-11			19-Mar-11			20-Mar-11			20-Mar-11			20-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			151-200 FT			200-250 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			34.1	J+	2.03	24.4		2.02	6.08		2.54	5.67		2.51	3.64	J	2.01	112		4.04	27.5		2.07
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.54	ND	U	2.39	ND	U	2.86	ND	U	2.99	ND	U	2.56	ND	U	2.31	1.08	J	2.18
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,1-DICHLOROETHANE	0.12183	62.92	ND	UJ	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	UJ	0.000626	ND	UJ	0.000588	ND	U	0.0274
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,1-DICHLOROPROPENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2,3-TRICHLOROBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00276	ND	U	0.00228	ND	U	0.00237	ND	U	0.00269	ND	U	0.00251	ND	U	0.00235	ND	U	0.11
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00276	ND	U	0.00228	ND	U	0.00237	ND	U	0.00269	ND	U	0.00251	ND	U	0.00235	ND	U	0.11
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,3-DICHLOROBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,3-DICHLOROPROPANE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	1-CHLOROHEXANE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	2,2-DICHLOROPROPANE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	2-BUTANONE			ND	U	0.00276	ND	U	0.00228	0.0105		0.00237	0.0113		0.00269	0.00819		0.00251	0.0423		0.00235	1.08		0.11
	2-CHLOROTOLUENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	2-HEXANONE			ND	U	0.00276	ND	UJ	0.00228	ND	UJ	0.00237	ND	UJ	0.00269	ND	U	0.00251	ND	U	0.00235	ND	U	0.11
	2-PROPENAL	0.00015	0.64556	ND	R	0.00689	ND	R	0.0057	ND	R	0.00593	ND	R	0.00671	ND	R	0.00626	ND	R	0.00588	ND	R	0.274
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00276	ND	R	0.00228	ND	R	0.00237	ND	R	0.00269	ND	R	0.00251	ND	R	0.00235	ND	R	0.11
	4-CHLOROTOLUENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	0.00466	J	0.000588	ND	U	0.0274
	ACETONE	76.89	67456	ND	U	0.00276	ND	U	0.00228	0.699		0.145	0.754		0.15	ND	U	0.00251	0.0715	J	0.00235	2.52	J	0.11
	BENZENE	0.03696	15.49	ND	U	0.000689	ND	U	0.00057	0.0159	J	0.000593	0.00548	J	0.000671	0.0227		0.000626	0.0065		0.000588	ND	U	0.0274
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00207	ND	U	0.00171	ND	U	0.00178	ND	U	0.00201	0.011		0.00188	0.00443	J	0.00176	ND	U	0.0823
	BROMOBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	BROMOCHLOROMETHANE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	BROMOFORM			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	BROMOMETHANE	0.03877	22.35	ND	U	0.00276	ND	U	0.00228	ND	U	0.00237	ND	U	0.00269	ND	U	0.00251	ND	U	0.00235	ND	U	0.11
	CARBON DISULFIDE	5.041	1935	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CHLOROBENZENE	1.077	508	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CHLOROETHANE	108.43	43576	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CHLOROFORM	0.00936	5.718	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00276	ND	U	0.00228	ND	U	0.00237	ND	U	0.00269	ND	U	0.00251	ND	U	0.00235	ND	U	0.11
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	DIBROMOMETHANE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000689	0.00285		0.00057	0.00618	J	0.000593	0.00363	J	0.000671	0.00132	J	0.000626	ND	U	0.000588	ND	U	0.0274
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	UJ	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	UJ	0.000626	ND	UJ	0.000588	ND	U	0.0274
	ISOPROPYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	M,P-XYLENES			ND	U	0.00138	ND	U	0.00114	ND	U	0.00119	ND	U	0.00134	0.0068		0.00125	0.00443	J	0.00118	ND	U	0.0549
	METHYL TERT-BUTYL ETHER			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	NAPHTHALENE	0.08389	44.95	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	N-BUTYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	N-PROPYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	O-XYLENE	24.68	9548	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	0.00412		0.000626	ND	U	0.000588	ND	U	0.0274
	P-ISOPROPYLTOLUENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	SEC-BUTYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	STYRENE	31.23	8970	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TERT-BUTYLBENZENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TOLUENE	27.66	5570	ND	U	0.000689	ND	U	0.00057	0.00613		0.000593	0.00513		0.000671	0.0321		0.000626	0.0119		0.000588	ND	U	0.0274
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	UJ	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	VINYL ACETATE	1.525	3646	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000689	ND	U	0.00057	ND	U	0.000593	ND	U	0.000671	ND	U	0.000626	ND	U	0.000588	ND	U	0.0274

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
			SAMPLE_NO	SB1215			SB1217			SB1218			SB1752			SB1219			SB1220			SB1221		
			SAMPLE_DATE	18-Mar-11			19-Mar-11			19-Mar-11			19-Mar-11			20-Mar-11			20-Mar-11			20-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			151-200 FT			200-250 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	1,3-DICHLOROBENZENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.336	ND	U	0.339	ND	U	0.42	ND	U	0.415	ND	U	0.326	ND	U	0.336	ND	U	0.342
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.336	ND	U	0.339	ND	U	0.42	ND	U	0.415	ND	U	0.326	ND	U	0.336	ND	U	0.342
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	2,6-DICHLOROPHENOL			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2,6-DINITROTOLUENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2-CHLORONAPHTHALENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2-METHYLPHENOL			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	2-NITROANILINE			ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	2-NITROPHENOL			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.339	ND	UJ	0.342	ND	UJ	0.423	ND	UJ	0.419	ND	UJ	0.329	ND	UJ	0.339	ND	UJ	0.345
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	3-NITROANILINE			ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.336	ND	U	0.339	ND	U	0.42	ND	U	0.415	ND	U	0.326	ND	U	0.336	ND	U	0.342
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	4-CHLOROANILINE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	4-NITROANILINE			ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	4-NITROPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	BENZENAMINE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BIS(2-ETHYLHEXYL)PHTHALATE			0.729		0.0339	0.591		0.0342	0.346	J	0.0423	0.128	J	0.0419	0.0463	J	0.0329	0.795		0.0339	0.227	J	0.0345
	BUTYL BENZYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	CARBAZOLE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	DIBENZOFURAN			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	DI-N-BUTYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	DI-N-OCTYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	ISOPHORONE	3.69	5119	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	NITROBENZENE	0.13727	49.41	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0678	ND	U	0.0686	ND	U	0.0848	ND	U	0.0838	ND	U	0.0659	ND	U	0.068	ND	U	0.0691
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173
	PHENOL	126	18331	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	PYRIDINE			ND	U	0.17	ND	U	0.172	ND	U	0.212	ND	U	0.21	ND	U	0.165	ND	U	0.17	ND	U	0.173

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078		
		SAMPLE_NO		SB1215			SB1217			SB1218			SB1752			SB1219			SB1220			SB1221		
		SAMPLE_DATE		18-Mar-11			19-Mar-11			19-Mar-11			19-Mar-11			20-Mar-11			20-Mar-11			20-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			FD			REG			REG			REG		
		SAMPLE_DEPTH		51-100 FT			151-200 FT			200-250 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	ACENAPHTHENE	409.91	3441	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	ACENAPHTHYLENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	ANTHRACENE	6739	17203	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	BENZO(GHI)PERYLENE			ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	CHRYSENE	652.34	621.36	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	FLUORANTHENE	3108	2294	ND	U	0.017	ND	U	0.0172	ND	U	0.0212	ND	U	0.021	ND	U	0.0165	ND	U	0.017	ND	U	0.0173
	FLUORENE	499.58	2294	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	NAPHTHALENE	0.08389	44.95	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	PHENANTHRENE	1669	1833	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
	PYRENE	2238	1720	ND	U	0.0339	ND	U	0.0342	ND	U	0.0423	ND	U	0.0419	ND	U	0.0329	ND	U	0.0339	ND	U	0.0345
Metals (mg/Kg), Method 6010	LEAD		400	3.92		0.24	3.13		0.25	9.57		0.31	9.24		0.3	3.92		0.24	2.44		0.24	2.91		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1222			SB1223			SB1224			SB1225			SB1226			SB1258			SB1259		
			SAMPLE_DATE	20-Mar-11			22-Mar-11			22-Mar-11			23-Mar-11			24-Mar-11			22-Mar-11			23-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	400-450 FT			450-500 FT			450-500 FT			500-550 FT			550-600 ft			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			638		42.3	475		23.4	327		23.5	8.83		2.69	5.26		2.63	8.53		2.06	26.2		2.13
Method 8015B	GASOLINE RANGE ORGANICS			694		43.2	ND	U	2.74	ND	U	3.9	ND	U	2.07	ND	U	2.08	ND	U	1.78	ND	U	2
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,1-DICHLOROPROPENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2,3-TRICHLOROBENZENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2,4-TRIMETHYLBENZENE			8.18		0.557	0.00109	J	0.000515	0.00161	J	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	0.00107	J	0.000512
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,3,5-TRIMETHYLBENZENE			2.86		0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,3-DICHLOROBENZENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,3-DICHLOROPROPANE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	1-CHLOROHEXANE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	2,2-DICHLOROPROPANE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	2-BUTANONE			6.5		2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	2-CHLOROTOLUENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	2-HEXANONE			ND	U	2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	2-PROPENAL	0.00015	0.64556	ND	R	5.57	ND	R	0.00515	ND	R	0.00524	ND	R	0.00503	ND	R	0.00481	ND	R	0.00453	ND	R	0.00512
	2-PROPENENITRILE	0.00164	5.97	ND	R	2.23	ND	R	0.00206	ND	R	0.0021	ND	R	0.00201	ND	R	0.00193	ND	R	0.00181	ND	R	0.00205
	4-CHLOROTOLUENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	ACETONE	76.89	67456	10.6	J	2.23	0.0152		0.00206	0.0181		0.0021	0.00143	J	0.00201	ND	U	0.00193	0.00618		0.00181	0.00921		0.00205
	BENZENE	0.03696	15.49	**2.76**		0.557	0.000552	J	0.000515	0.000656	J	0.000524	0.000692	J	0.000503	ND	U	0.000481	0.00189		0.000453	0.00303		0.000512
	BENZENE, DIMETHYL-	3.523	1086	**20.2**		1.67	0.0024	J	0.00155	0.00366	J	0.00157	0.000521	J	0.00151	ND	U	0.00144	0.00236	J	0.00136	0.0035	J	0.00153
	BROMOBENZENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	BROMOCHLOROMETHANE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	BROMOFORM			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	BROMOMETHANE	0.03877	22.35	ND	U	2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	CARBON DISULFIDE	5.041	1935	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CHLOROBENZENE	1.077	508	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CHLOROETHANE	108.43	43576	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CHLOROFORM	0.00936	5.718	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CHLOROMETHANE	0.08363	35.59	ND	U	2.23	ND	U	0.00206	ND	U	0.0021	ND	U	0.00201	ND	U	0.00193	ND	U	0.00181	ND	U	0.00205
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	CIS-1,3-DICHLOROPROPENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	DIBROMOMETHANE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	UJ	0.000481	ND	U	0.000453	ND	U	0.000512
	ETHYLBENZENE	0.29128	69.66	**4.19**		0.557	0.00221		0.000515	0.00223		0.000524	0.0016	J	0.000503	0.00116	J	0.000481	0.0018	J	0.000453	0.00233		0.000512
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	ISOPROPYLBENZENE			1.09	J	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	M,P-XYLENES			14.9		1.11	0.00171	J	0.00103	0.0027	J	0.00105	0.000359	J	0.00101	ND	U	0.000963	0.00191	J	0.000907	0.00287	J	0.00102
	METHYL TERT-BUTYL ETHER			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	NAPHTHALENE	0.08389	44.95	**1.68**	J	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	N-BUTYLBENZENE			1.71	J	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	N-PROPYLBENZENE			2.3		0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	O-XYLENE	24.68	9548	5.28		0.557	0.000686	J	0.000515	0.000959	J	0.000524	0.000161	J	0.000503	ND	U	0.000481	0.000452	J	0.000453	0.000631	J	0.000512
	P-ISOPROPYLTOLUENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	SEC-BUTYLBENZENE			1.4	J	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	STYRENE	31.23	8970	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TERT-BUTYLBENZENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TOLUENE	27.66	5570	20.5		0.557	0.00257		0.000515	0.00318		0.000524	0.00128	J	0.000503	ND	U	0.000481	0.00307		0.000453	0.00464		0.000512
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	VINYL ACETATE	1.525	3646	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.557	ND	U	0.000515	ND	U	0.000524	ND	U	0.000503	ND	U	0.000481	ND	U	0.000453	ND	U	0.000512

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1222			SB1223			SB1224			SB1225			SB1226			SB1258			SB1259		
			SAMPLE_DATE	20-Mar-11			22-Mar-11			22-Mar-11			23-Mar-11			24-Mar-11			22-Mar-11			23-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	400-450 FT			450-500 FT			450-500 FT			500-550 FT			550-600 ft			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	1,3-DICHLOROBENZENE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.345	ND	U	0.387	ND	U	0.384	ND	U	0.444	ND	U	0.433	ND	U	0.341	ND	U	0.349
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.345	ND	U	0.387	ND	U	0.384	ND	U	0.444	ND	U	0.433	ND	U	0.341	ND	U	0.349
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	2,6-DICHLOROPHENOL			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2,6-DINITROTOLUENE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2-CHLORONAPHTHALENE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2-METHYLPHENOL			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	2-NITROANILINE			ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	2-NITROPHENOL			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.348	ND	U	0.391	ND	U	0.387	ND	U	0.448	ND	U	0.437	ND	U	0.344	ND	U	0.353
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	3-NITROANILINE			ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.345	ND	U	0.387	ND	U	0.384	ND	U	0.444	ND	U	0.433	ND	U	0.341	ND	U	0.349
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	4-CHLOROANILINE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	4-NITROANILINE			ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	4-NITROPHENOL			ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	BENZENAMINE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BIS(2-ETHYLHEXYL)PHTHALATE			0.202	J	0.0348	2.78		0.0391	1.93		0.0387	0.123	J	0.0448	0.0365	J	0.0437	0.0812	J	0.0344	0.0368	J	0.0353
	BUTYL BENZYL PHTHALATE			ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	CARBAZOLE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	DIBENZOFURAN			0.0655	J	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	0.0226	J	0.0344	ND	U	0.0353
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	DI-N-BUTYL PHTHALATE			ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	DI-N-OCTYL PHTHALATE			ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	ISOPHORONE	3.69	5119	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	NITROBENZENE	0.13727	49.41	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0698	ND	U	0.0783	ND	U	0.0776	ND	U	0.0898	ND	U	0.0875	ND	U	0.069	ND	U	0.0706
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0348	0.0194	J	0.0391	0.014	J	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177
	PHENOL	126	18331	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	PYRIDINE			ND	U	0.175	ND	U	0.196	ND	U	0.194	ND	U	0.225	ND	U	0.219	ND	U	0.173	ND	U	0.177

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106078			KAFB-106081			KAFB-106081		
		SAMPLE_NO		SB1222			SB1223			SB1224			SB1225			SB1226			SB1258			SB1259		
		SAMPLE_DATE		20-Mar-11			22-Mar-11			22-Mar-11			23-Mar-11			24-Mar-11			22-Mar-11			23-Mar-11		
		SAMPLE_PURPOSE		REG			REG			FD			REG			REG			REG			REG		
		SAMPLE_DEPTH		400-450 FT			450-500 FT			450-500 FT			500-550 FT			550-600 ft			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			3.91		0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	ACENAPHTHENE	409.91	3441	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	ACENAPHTHYLENE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	ANTHRACENE	6739	17203	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	BENZO(GHI)PERYLENE			ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	CHRYSENE	652.34	621.36	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	FLUORANTHENE	3108	2294	ND	U	0.0175	ND	U	0.0196	ND	U	0.0194	ND	U	0.0225	ND	U	0.0219	ND	U	0.0173	ND	U	0.0177
	FLUORENE	499.58	2294	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	NAPHTHALENE	0.08389	44.95	**1.87**		0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	PHENANTHRENE	1669	1833	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
	PYRENE	2238	1720	ND	U	0.0348	ND	U	0.0391	ND	U	0.0387	ND	U	0.0448	ND	U	0.0437	ND	U	0.0344	ND	U	0.0353
Metals (mg/Kg), Method 6010	LEAD		400	2.56		0.25	3.79		0.29	3.66		0.28	6.41		0.32	2.11		0.31	6.38		0.25	8.96		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1264			SB1265			SB1260			SB1753			SB1261			SB1262			SB1266		
			SAMPLE_DATE	23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			24-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	100-150 FT			150-200 FT			20-30 FT			20-30 FT			30-40 FT			40-50 FT			200-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			15.9		2.17	13.7		2.06	24.3		2.1	20.9		2.08	30.4		2.1	51.9	J-	2.04	6.44		2.07
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.02	ND	U	2.26	ND	U	2.1	ND	U	1.97	ND	U	1.94	ND	U	1.86	ND	U	2.01
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,1-DICHLOROPROPENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2,3-TRICHLOROBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	ND	U	0.0018	ND	U	0.00168	ND	U	0.00209
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	ND	U	0.0018	ND	U	0.00168	ND	U	0.00209
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,3-DICHLOROBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,3-DICHLOROPROPANE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	1-CHLOROHEXANE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	2,2-DICHLOROPROPANE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	2-BUTANONE			ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	0.00218	J	0.0018	0.00211	J	0.00168	ND	U	0.00209
	2-CHLOROTOLUENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	2-HEXANONE			ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	ND	U	0.0018	ND	U	0.00168	ND	U	0.00209
	2-PROPENAL	0.00015	0.64556	ND	R	0.00473	ND	R	0.00592	ND	R	0.00503	ND	R	0.0053	ND	R	0.0045	ND	R	0.00421	ND	R	0.00523
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00189	ND	R	0.00237	ND	R	0.00201	ND	R	0.00212	ND	R	0.0018	ND	R	0.00168	ND	R	0.00209
	4-CHLOROTOLUENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	ACETONE	76.89	67456	0.00319	J	0.00189	0.00267	J	0.00237	0.006		0.00201	0.00758		0.00212	0.0101		0.0018	0.00591		0.00168	ND	U	0.00209
	BENZENE	0.03696	15.49	0.000219	J	0.000473	ND	U	0.000592	0.00107	J	0.000503	0.00164	J	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00142	ND	U	0.00178	0.00118	J	0.00151	0.00177	J	0.00159	ND	U	0.00135	ND	U	0.00126	ND	U	0.00157
	BROMOBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	BROMOCHLOROMETHANE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	BROMOFORM			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	BROMOMETHANE	0.03877	22.35	ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	ND	U	0.0018	ND	U	0.00168	ND	U	0.00209
	CARBON DISULFIDE	5.041	1935	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CHLOROBENZENE	1.077	508	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CHLOROETHANE	108.43	43576	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CHLOROFORM	0.00936	5.718	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00189	ND	U	0.00237	ND	U	0.00201	ND	U	0.00212	ND	U	0.0018	ND	U	0.00168	ND	U	0.00209
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	DIBROMOMETHANE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000473	ND	UJ	0.000592	ND	UJ	0.000503	ND	UJ	0.00053	ND	UJ	0.00045	ND	UJ	0.000421	ND	UJ	0.000523
	ETHYLBENZENE	0.29128	69.66	0.00123	J	0.000473	0.000739	J	0.000592	0.00175	J	0.000503	0.0022		0.00053	0.00139	J	0.00045	0.00137	J	0.000421	0.00102	J	0.000523
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	UJ	0.000421	ND	U	0.000523
	ISOPROPYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	M,P-XYLENES			ND	U	0.000947	ND	U	0.00118	0.00118	J	0.00101	0.00141	J	0.00106	ND	U	0.0009	ND	U	0.000842	ND	U	0.00105
	METHYL TERT-BUTYL ETHER			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	NAPHTHALENE	0.08389	44.95	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	N-BUTYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	N-PROPYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	O-XYLENE	24.68	9548	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	0.000362	J	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	P-ISOPROPYLTOLUENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	SEC-BUTYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	STYRENE	31.23	8970	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TERT-BUTYLBENZENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TOLUENE	27.66	5570	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	VINYL ACETATE	1.525	3646	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000473	ND	U	0.000592	ND	U	0.000503	ND	U	0.00053	ND	U	0.00045	ND	U	0.000421	ND	U	0.000523

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1264			SB1265			SB1260			SB1753			SB1261			SB1262			SB1266		
			SAMPLE_DATE	23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			24-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	100-150 FT			150-200 FT			20-30 FT			20-30 FT			30-40 FT			40-50 FT			200-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	1,3-DICHLOROBENZENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.358	ND	U	0.336	ND	U	0.342	ND	U	0.345	ND	U	0.341	ND	U	0.337	ND	U	0.341
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.358	ND	U	0.336	ND	U	0.342	ND	U	0.345	ND	U	0.341	ND	U	0.337	ND	U	0.341
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	2,6-DICHLOROPHENOL			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2,6-DINITROTOLUENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2-CHLORONAPHTHALENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2-METHYLPHENOL			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	2-NITROANILINE			ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	2-NITROPHENOL			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	3,3'-DICHLOROBENZIDINE			ND	U	0.361	ND	U	0.339	ND	U	0.346	ND	U	0.348	ND	U	0.344	ND	U	0.34	ND	U	0.344
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	3-NITROANILINE			ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.358	ND	U	0.336	ND	U	0.342	ND	U	0.345	ND	U	0.341	ND	U	0.337	ND	U	0.341
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	4-CHLOROANILINE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	4-NITROANILINE			ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	4-NITROPHENOL			ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	BENZENAMINE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BIS(2-ETHYLHEXYL)PHTHALATE			0.178	J	0.0361	0.0798	J	0.0339	0.121	J	0.0346	0.0417	J	0.0348	0.16	J	0.0344	0.333	J	0.034	0.0625	J	0.0344
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	CARBAZOLE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	DIBENZOFURAN			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0361	0.021	J	0.0339	0.0227	J	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.017	0.0188	J	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	DI-N-OCTYL PHTHALATE			ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	ISOPHORONE	3.69	5119	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	NITROBENZENE	0.13727	49.41	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0724	ND	U	0.068	ND	U	0.0692	ND	U	0.0698	ND	U	0.069	ND	U	0.0681	ND	U	0.0689
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173
	PHENOL	126	18331	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	PYRIDINE			ND	U	0.181	ND	U	0.17	ND	U	0.173	ND	U	0.175	ND	U	0.173	ND	U	0.171	ND	U	0.173

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
		SAMPLE_NO		SB1264			SB1265			SB1260			SB1753			SB1261			SB1262			SB1266		
		SAMPLE_DATE		23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			23-Mar-11			24-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			FD			REG			REG			REG		
		SAMPLE_DEPTH		100-150 FT			150-200 FT			20-30 FT			20-30 FT			30-40 FT			40-50 FT			200-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	ACENAPHTHENE	409.91	3441	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	ACENAPHTHYLENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	ANTHRACENE	6739	17203	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	CHRYSENE	652.34	621.36	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.017	ND	U	0.0173	ND	U	0.0175	ND	U	0.0173	ND	U	0.0171	ND	U	0.0173
	FLUORENE	499.58	2294	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	NAPHTHALENE	0.08389	44.95	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	PHENANTHRENE	1669	1833	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
	PYRENE	2238	1720	ND	U	0.0361	ND	U	0.0339	ND	U	0.0346	ND	U	0.0348	ND	U	0.0344	ND	U	0.034	ND	U	0.0344
Metals (mg/Kg), Method 6010	LEAD		400	5.43		0.26	3.93		0.25	6.7		0.25	7.06		0.25	6.28		0.25	5.04		0.25	5.76		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1267			SB1268			SB1269			SB1270			SB1754			SB1263			SB1271		
			SAMPLE_DATE	24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			30-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450 FT			400-450 FT			50-100 FT			450-500 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			10		2.06	35.9		2.18	6.25		2.01	5.08		2.27	3.65	J	2.44	10.9		2.05	26.5		2.35
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.78	ND	U	2.09	ND	U	2.29	6.68		2.05	5.75		2.09	ND	U	2.25	13.6		2.29
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,1-DICHLOROPROPENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2,3-TRICHLOROBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	0.0731	J	0.0276
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,3-DICHLOROBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,3-DICHLOROPROPANE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	1-CHLOROHEXANE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	2,2-DICHLOROPROPANE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	2-BUTANONE			ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	2-CHLOROTOLUENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	2-HEXANONE			ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	2-PROPENAL	0.00015	0.64556	ND	R	0.00522	ND	R	0.00525	ND	R	0.00636	ND	UJ	0.271	ND	UJ	0.33	ND	R	0.00459	ND	U	0.276
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00209	ND	R	0.0021	ND	R	0.00255	ND	R	0.108	ND	R	0.132	ND	R	0.00184	ND	R	0.11
	4-CHLOROTOLUENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	ACETONE	76.89	67456	0.00642		0.00209	0.0136		0.0021	ND	U	0.00255	ND	R	0.108	ND	R	0.132	0.0072		0.00184	0.338		0.11
	BENZENE	0.03696	15.49	ND	U	0.000522	0.000347	J	0.000525	ND	U	0.000636	**0.886**		0.0271	**0.955**		0.033	ND	U	0.000459	**1.56**		0.0276
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00157	ND	U	0.00158	ND	U	0.00191	0.403		0.0813	0.464		0.0989	ND	U	0.00138	0.84		0.0827
	BROMOBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	BROMOCHLOROMETHANE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	BROMOFORM			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	BROMOMETHANE	0.03877	22.35	ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	CARBON DISULFIDE	5.041	1935	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CHLOROBENZENE	1.077	508	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CHLOROETHANE	108.43	43576	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CHLOROFORM	0.00936	5.718	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00209	ND	U	0.0021	ND	U	0.00255	ND	U	0.108	ND	U	0.132	ND	U	0.00184	ND	U	0.11
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	DIBROMOMETHANE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000522	ND	UJ	0.000525	ND	UJ	0.000636	ND	U	0.0271	ND	U	0.033	ND	UJ	0.000459	ND	U	0.0276
	ETHYLBENZENE	0.29128	69.66	0.000777	J	0.000522	0.000427	J	0.000525	0.000751	J	0.000636	0.071	J	0.0271	0.0786	J	0.033	0.00123	J	0.000459	0.238		0.0276
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	ISOPROPYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	M,P-XYLENES			ND	U	0.00104	ND	U	0.00105	ND	U	0.00127	0.25		0.0542	0.281		0.0659	ND	U	0.000919	0.603		0.0552
	METHYL TERT-BUTYL ETHER			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	NAPHTHALENE	0.08389	44.95	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	N-BUTYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	N-PROPYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	O-XYLENE	24.68	9548	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	0.153		0.0271	0.183		0.033	ND	U	0.000459	0.238		0.0276
	P-ISOPROPYLTOLUENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	SEC-BUTYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	STYRENE	31.23	8970	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TERT-BUTYLBENZENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TOLUENE	27.66	5570	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	1.46		0.0271	1.55		0.033	ND	U	0.000459	2.49		0.0276
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	VINYL ACETATE	1.525	3646	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000522	ND	U	0.000525	ND	U	0.000636	ND	U	0.0271	ND	U	0.033	ND	U	0.000459	ND	U	0.0276

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1267			SB1268			SB1269			SB1270			SB1754			SB1263			SB1271		
			SAMPLE_DATE	24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			30-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450 FT			400-450 FT			50-100 FT			450-500 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	1,3-DICHLOROBENZENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.339	ND	U	0.36	ND	U	0.33	ND	U	0.374	ND	U	0.397	ND	U	0.332	ND	U	0.387
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.339	ND	U	0.36	ND	U	0.33	ND	U	0.374	ND	U	0.397	ND	U	0.332	ND	U	0.387
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	2,6-DICHLOROPHENOL			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2,6-DINITROTOLUENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2-CHLORONAPHTHALENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2-METHYLPHENOL			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	2-NITROANILINE			ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	2-NITROPHENOL			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	3,3'-DICHLOROBENZIDINE			ND	U	0.342	ND	U	0.363	ND	U	0.333	ND	U	0.377	ND	U	0.4	ND	U	0.335	ND	U	0.39
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	3-NITROANILINE			ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.339	ND	U	0.36	ND	U	0.33	ND	U	0.374	ND	U	0.397	ND	U	0.332	ND	U	0.387
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	4-CHLOROANILINE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	4-NITROANILINE			ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	4-NITROPHENOL			ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	BENZENAMINE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0283	J	0.0342	0.421		0.0363	0.0922	J	0.0333	0.0561	J	0.0377	0.0271	J	0.04	0.277	J	0.0335	0.119	J	0.039
	BUTYL BENZYL PHTHALATE			ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	CARBAZOLE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	DIBENZOFURAN			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0342	0.0232	J	0.0363	0.0233	J	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	DI-N-BUTYL PHTHALATE			ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	DI-N-OCTYL PHTHALATE			ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	ISOPHORONE	3.69	5119	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	NITROBENZENE	0.13727	49.41	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0685	ND	U	0.0727	ND	U	0.0668	ND	U	0.0756	ND	U	0.0802	ND	U	0.0671	ND	U	0.0782
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196
	PHENOL	126	18331	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	PYRIDINE			ND	U	0.172	ND	U	0.182	ND	U	0.167	ND	U	0.189	ND	U	0.201	ND	U	0.168	ND	U	0.196

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106081		
			SAMPLE_NO	SB1267			SB1268			SB1269			SB1270			SB1754			SB1263			SB1271		
			SAMPLE_DATE	24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			24-Mar-11			30-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450 FT			400-450 FT			50-100 FT			450-500 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	ACENAPHTHENE	409.91	3441	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	ACENAPHTHYLENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	ANTHRACENE	6739	17203	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	BENZO(GHI)PERYLENE			ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	CHRYSENE	652.34	621.36	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	FLUORANTHENE	3108	2294	ND	U	0.0172	ND	U	0.0182	ND	U	0.0167	ND	U	0.0189	ND	U	0.0201	ND	U	0.0168	ND	U	0.0196
	FLUORENE	499.58	2294	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	NAPHTHALENE	0.08389	44.95	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	PHENANTHRENE	1669	1833	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
	PYRENE	2238	1720	ND	U	0.0342	ND	U	0.0363	ND	U	0.0333	ND	U	0.0377	ND	U	0.04	ND	U	0.0335	ND	U	0.039
Metals (mg/Kg), Method 6010	LEAD		400	3.2		0.25	5.14		0.26	2.76		0.24	6.25		0.27	6.63		0.29	3.54		0.24	1.65		0.28

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
			SAMPLE_NO	SB1272			SB1273			SB1759			SB0001			SB0002			SB0003			SB0004		
			SAMPLE_DATE	30-Mar-11			30-Mar-11			30-Mar-11			15-Feb-11			15-Feb-11			15-Feb-11			15-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	500-550 FT			550-600 FT			600-617 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			86.1		4.97	4.87		2.37	121		5.26	ND	U	2.12	1.52	J	2.27	7.45		2.11	ND	U	2.12
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.91	ND	U	2.1	1.77	J	3.09	ND	U	2.41	ND	U	2.45	ND	U	2.21	ND	U	2.12
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,1-DICHLOROPROPENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2,3-TRICHLOROBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00177	ND	U	0.0022	ND	U	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	U	0.00243
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00177	ND	U	0.0022	ND	U	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	U	0.00243
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,3-DICHLOROBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,3-DICHLOROPROPANE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	1-CHLOROHEXANE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	2,2-DICHLOROPROPANE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	2-BUTANONE			ND	U	0.00177	ND	U	0.0022	ND	U	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	U	0.00243
	2-CHLOROTOLUENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	2-HEXANONE			ND	U	0.00177	ND	U	0.0022	ND	U	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	U	0.00243
	2-PROPENAL	0.00015	0.64556	ND	R	0.00444	ND	R	0.00551	ND	R	0.00679	ND	R	0.00549	ND	R	0.00464	ND	R	0.00571	ND	R	0.00606
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00177	ND	R	0.0022	ND	R	0.00272	ND	R	0.0022	ND	R	0.00186	ND	R	0.00228	ND	R	0.00243
	4-CHLOROTOLUENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	ACETONE	76.89	67456	ND	U	0.00177	ND	U	0.0022	0.00613	J	0.00272	0.00523	J	0.0022	0.00185	J	0.00186	0.0101		0.00228	0.00686	J	0.00243
	BENZENE	0.03696	15.49	ND	U	0.000444	0.000512	J	0.000551	ND	U	0.000679	0.00186	J	0.000549	0.00106	J	0.000464	ND	U	0.000571	ND	U	0.000606
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00133	ND	U	0.00165	ND	U	0.00204	ND	U	0.00165	ND	U	0.00139	ND	U	0.00171	ND	U	0.00182
	BROMOBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	BROMOCHLOROMETHANE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	BROMOFORM			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	BROMOMETHANE	0.03877	22.35	ND	UJ	0.00177	ND	UJ	0.0022	ND	UJ	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	UJ	0.00243
	CARBON DISULFIDE	5.041	1935	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CHLOROBENZENE	1.077	508	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CHLOROETHANE	108.43	43576	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CHLOROFORM	0.00936	5.718	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00177	ND	U	0.0022	ND	U	0.00272	ND	U	0.0022	ND	U	0.00186	ND	U	0.00228	ND	U	0.00243
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	DIBROMOMETHANE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	ETHYLBENZENE	0.29128	69.66	0.0014	J	0.000444	0.00195	J	0.000551	0.00242	J	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	ISOPROPYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	M,P-XYLENES			ND	U	0.000887	ND	U	0.0011	ND	U	0.00136	ND	U	0.0011	ND	U	0.000929	ND	U	0.00114	ND	U	0.00121
	METHYL TERT-BUTYL ETHER			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	NAPHTHALENE	0.08389	44.95	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	N-BUTYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	N-PROPYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	O-XYLENE	24.68	9548	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	P-ISOPROPYLTOLUENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	SEC-BUTYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	STYRENE	31.23	8970	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TERT-BUTYLBENZENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TOLUENE	27.66	5570	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	0.00315		0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	VINYL ACETATE	1.525	3646	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000444	ND	U	0.000551	ND	U	0.000679	ND	U	0.000549	ND	U	0.000464	ND	U	0.000571	ND	U	0.000606

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
			SAMPLE_NO	SB1272			SB1273			SB1759			SB0001			SB0002			SB0003			SB0004		
			SAMPLE_DATE	30-Mar-11			30-Mar-11			30-Mar-11			15-Feb-11			15-Feb-11			15-Feb-11			15-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	500-550 FT			550-600 FT			600-617 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	1,3-DICHLOROBENZENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.411	ND	U	0.393	ND	U	0.435	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.411	ND	U	0.393	ND	U	0.435	ND	U	0.357	ND	U	0.352	ND	U	0.376	ND	U	0.357
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2,6-DICHLOROPHENOL			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2,6-DINITROTOLUENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2-CHLORONAPHTHALENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2-METHYLPHENOL			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	2-NITROANILINE			ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	2-NITROPHENOL			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	3,3'-DICHLOROBENZIDINE			ND	U	0.415	ND	U	0.396	ND	U	0.439	ND	U	0.357	ND	U	0.352	ND	U	0.376	ND	U	0.357
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	3-NITROANILINE			ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.411	ND	U	0.393	ND	U	0.435	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	4-CHLOROANILINE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	4-NITROANILINE			ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	4-NITROPHENOL			ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	BENZENAMINE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BIS(2-ETHYLHEXYL)PHTHALATE			1		0.0415	0.0588	J	0.0396	2.21		0.0439	ND	U	0.0357	0.0514	J	0.0352	0.0915	J	0.0376	0.321	J	0.0357
	BUTYL BENZYL PHTHALATE			ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	CARBAZOLE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	DIBENZOFURAN			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0415	0.0291	J	0.0396	0.0328	J	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	DI-N-BUTYL PHTHALATE			ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	DI-N-OCTYL PHTHALATE			ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
	ISOPHORONE	3.69	5119	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	NITROBENZENE	0.13727	49.41	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0831	ND	U	0.0793	ND	U	0.088	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PHENOL	126	18331	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PYRIDINE			ND	U	0.208	ND	U	0.199	ND	U	0.22	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106081			KAFB-106081			KAFB-106081			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
			SAMPLE_NO	SB1272			SB1273			SB1759			SB0001			SB0002			SB0003			SB0004		
			SAMPLE_DATE	30-Mar-11			30-Mar-11			30-Mar-11			15-Feb-11			15-Feb-11			15-Feb-11			15-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	500-550 FT			550-600 FT			600-617 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	ACENAPHTHENE	409.91	3441	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	ACENAPHTHYLENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	ANTHRACENE	6739	17203	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	BENZO(GHI)PERYLENE			ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	CHRYSENE	652.34	621.36	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	FLUORANTHENE	3108	2294	ND	U	0.0208	ND	U	0.0199	ND	U	0.022	ND	U	0.0179	ND	U	0.0176	ND	U	0.0189	ND	U	0.0179
	FLUORENE	499.58	2294	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	NAPHTHALENE	0.08389	44.95	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PHENANTHRENE	1669	1833	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.0357	ND	U	0.0352	ND	U	0.0376	ND	U	0.0357
	PYRENE	2238	1720	ND	U	0.0415	ND	U	0.0396	ND	U	0.0439	ND	U	0.179	ND	U	0.176	ND	U	0.189	ND	U	0.179
Metals (mg/Kg), Method 6010	LEAD		400	2.52		0.3	1.67		0.29	2.32		0.32	6.63		0.26	5.7		0.26	6.7		0.27	5		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
			SAMPLE_NO	SB0005			SB0006			SB0007			SB0008			SB0009			SB0010			SB0011		
			SAMPLE_DATE	15-Feb-11			15-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	41-50 FT			41-50 FT			51-100 FT			101-150 ft			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.12	ND	U	2.08	7.21		2.02	15.4		2	15.6		2.03	5.68		2.08	5.56		2.03
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.02	ND	U	2.15	ND	U	1.54	ND	U	1.89	ND	U	1.98	ND	U	1.93	ND	U	2.07
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,1-DICHLOROPROPENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2,3-TRICHLOROBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	0.00465		0.000594	ND	U	0.000636	ND	U	0.000534
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00385	ND	U	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00385	ND	U	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	0.00122	J	0.000594	ND	U	0.000636	ND	U	0.000534
	1,3-DICHLOROBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,3-DICHLOROPROPANE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	1-CHLOROHEXANE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	2,2-DICHLOROPROPANE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	2-BUTANONE			0.0197	J	0.00385	0.011	J	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	2-CHLOROTOLUENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	2-HEXANONE			ND	U	0.00385	ND	U	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	2-PROPENAL	0.00015	0.64556	ND	R	0.00963	ND	R	0.0107	ND	R	0.00734	ND	R	0.00592	ND	R	0.00594	ND	R	0.00636	ND	R	0.00534
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00385	ND	R	0.00427	ND	R	0.00293	ND	R	0.00237	ND	R	0.00237	ND	R	0.00254	ND	R	0.00214
	4-CHLOROTOLUENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	ACETONE	76.89	67456	0.0447	J	0.00385	0.0232	J	0.00427	0.00325	J	0.00293	0.00243	J	0.00237	0.00458	J	0.00237	0.00451	J	0.00254	0.0021	J	0.00214
	BENZENE	0.03696	15.49	0.00158	J	0.000963	ND	U	0.00107	0.00113	J	0.000734	0.000469	J	0.000592	0.000759	J	0.000594	0.00443		0.000636	0.00131	J	0.000534
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00289	ND	U	0.0032	ND	U	0.0022	ND	U	0.00178	ND	U	0.00178	ND	U	0.00191	ND	U	0.0016
	BROMOBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	BROMOCHLOROMETHANE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	BROMOFORM			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	BROMOMETHANE	0.03877	22.35	ND	U	0.00385	ND	UJ	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	CARBON DISULFIDE	5.041	1935	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CHLOROBENZENE	1.077	508	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CHLOROETHANE	108.43	43576	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CHLOROFORM	0.00936	5.718	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00385	ND	U	0.00427	ND	U	0.00293	ND	U	0.00237	ND	U	0.00237	ND	U	0.00254	ND	U	0.00214
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	DIBROMOMETHANE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000963	ND	U	0.00107	0.00322		0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	ISOPROPYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	M,P-XYLENES			ND	U	0.00193	ND	U	0.00214	ND	U	0.00147	ND	U	0.00118	ND	U	0.00119	ND	U	0.00127	ND	U	0.00107
	METHYL TERT-BUTYL ETHER			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	NAPHTHALENE	0.08389	44.95	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	N-BUTYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	N-PROPYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	O-XYLENE	24.68	9548	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	P-ISOPROPYLTOLUENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	SEC-BUTYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	STYRENE	31.23	8970	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TERT-BUTYLBENZENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TOLUENE	27.66	5570	0.00296	J	0.000963	0.00213	J	0.00107	0.00314		0.000734	ND	U	0.000592	ND	U	0.000594	0.0111		0.000636	0.00238		0.000534
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	VINYL ACETATE	1.525	3646	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000963	ND	U	0.00107	ND	U	0.000734	ND	U	0.000592	ND	U	0.000594	ND	U	0.000636	ND	U	0.000534

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
			SAMPLE_NO	SB0005			SB0006			SB0007			SB0008			SB0009			SB0010			SB0011		
			SAMPLE_DATE	15-Feb-11			15-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	41-50 FT			41-50 FT			51-100 FT			101-150 ft			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	1,3-DICHLOROBENZENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.348	ND	U	0.351	ND	U	0.333	ND	U	0.337	ND	U	0.334	ND	U	0.346	ND	U	0.337
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2,6-DICHLOROPHENOL			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2,6-DINITROTOLUENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2-CHLORONAPHTHALENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2-METHYLPHENOL			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	2-NITROANILINE			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	2-NITROPHENOL			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	3,3'-DICHLOROBENZIDINE			ND	U	0.348	ND	U	0.351	ND	U	0.333	ND	U	0.337	ND	U	0.334	ND	U	0.346	ND	U	0.337
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	3-NITROANILINE			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	4-CHLOROANILINE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	4-NITROANILINE			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	4-NITROPHENOL			ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	BENZENAMINE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0348	0.0487	J	0.0351	0.165	J	0.0333	0.107	J	0.0337	0.124	J	0.0334	0.105	J	0.0346	0.075	J	0.0337
	BUTYL BENZYL PHTHALATE			ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	CARBAZOLE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	DIBENZOFURAN			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	DI-N-BUTYL PHTHALATE			ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	DI-N-OCTYL PHTHALATE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
	ISOPHORONE	3.69	5119	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	NITROBENZENE	0.13727	49.41	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PHENOL	126	18331	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PYRIDINE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106108		
		SAMPLE_NO		SB0005			SB0006			SB0007			SB0008			SB0009			SB0010			SB0011		
		SAMPLE_DATE		15-Feb-11			15-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
		SAMPLE_PURPOSE		REG			FD			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		41-50 FT			41-50 FT			51-100 FT			101-150 ft			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	ACENAPHTHENE	409.91	3441	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	ACENAPHTHYLENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	ANTHRACENE	6739	17203	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	BENZO(GHI)PERYLENE			ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	CHRYSENE	652.34	621.36	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	FLUORANTHENE	3108	2294	ND	U	0.0174	ND	U	0.0176	ND	U	0.0167	ND	U	0.0169	ND	U	0.0167	ND	U	0.0174	ND	U	0.0169
	FLUORENE	499.58	2294	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	NAPHTHALENE	0.08389	44.95	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PHENANTHRENE	1669	1833	ND	U	0.0348	ND	U	0.0351	ND	U	0.0333	ND	U	0.0337	ND	U	0.0334	ND	U	0.0346	ND	U	0.0337
	PYRENE	2238	1720	ND	U	0.174	ND	U	0.176	ND	U	0.167	ND	U	0.169	ND	U	0.167	ND	U	0.174	ND	U	0.169
Metals (mg/Kg), Method 6010	LEAD		400	7.38		0.25	6.91		0.25	2.86		0.24	2.73		0.24	3.83		0.24	2.72		0.25	2.95		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
			SAMPLE_NO	SB0012			SB0013			SB0014			SB0015			SB0016			SB0017			SB0018		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			21-Jan-11			21-Jan-11			21-Jan-11			22-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			24.5		2.01	21		2.02	25.5		2.08	12.3		2.15	10.2		2.24	3.31	J	2.18	3.23	J	2.11
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.03	ND	U	2.05	ND	U	1.51	ND	U	2.55	ND	U	2.14	ND	U	2.57	ND	U	2.9
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	1,1-DICHLOROPROPENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2,3-TRICHLOROBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	0.00212	J	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,3-DICHLOROBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,3-DICHLOROPROPANE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	1-CHLOROHEXANE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	2,2-DICHLOROPROPANE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	2-BUTANONE			ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	0.00526	J	0.00253
	2-CHLOROTOLUENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	2-HEXANONE			ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	2-PROPENAL	0.00015	0.64556	ND	R	0.00563	ND	R	0.00511	ND	U	0.00514	ND	R	0.00255	ND	R	0.0022	ND	R	0.00233	ND	R	0.00253
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00225	ND	R	0.00205	ND	R	0.00206	ND	R	0.00255	ND	R	0.0022	ND	R	0.00233	ND	R	0.00253
	4-CHLOROTOLUENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	ACETONE	76.89	67456	0.00183	J	0.00225	0.00182	J	0.00205	0.00114	J	0.00206	0.00905		0.00255	0.00841		0.0022	0.00601		0.00233	0.0157		0.00253
	BENZENE	0.03696	15.49	0.000502	J	0.000563	0.00065	J	0.000511	0.00051	J	0.000514	0.00613		0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00169	ND	U	0.00153	ND	U	0.00154	0.0133		0.00191	ND	U	0.00165	ND	U	0.00175	ND	U	0.0019
	BROMOBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	BROMOCHLOROMETHANE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	BROMOFORM			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	BROMOMETHANE	0.03877	22.35	ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	CARBON DISULFIDE	5.041	1935	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	CHLOROBENZENE	1.077	508	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	CHLOROETHANE	108.43	43576	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	CHLOROFORM	0.00936	5.718	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00225	ND	U	0.00205	ND	U	0.00206	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	DIBROMOMETHANE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	ISOPROPYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	M,P-XYLENES			ND	U	0.00113	ND	U	0.00102	ND	U	0.00103	0.00906		0.00127	ND	U	0.0011	ND	U	0.00116	ND	U	0.00126
	METHYL TERT-BUTYL ETHER			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000563	ND	U	0.000511	ND	UJ	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	NAPHTHALENE	0.08389	44.95	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.00255	ND	U	0.0022	ND	U	0.00233	ND	U	0.00253
	N-BUTYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	N-PROPYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	O-XYLENE	24.68	9548	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	0.00416		0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	P-ISOPROPYLTOLUENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	SEC-BUTYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	STYRENE	31.23	8970	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TERT-BUTYLBENZENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TOLUENE	27.66	5570	ND	U	0.000563	ND	U	0.000511	0.00151	J	0.000514	0.0076		0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	VINYL ACETATE	1.525	3646	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000563	ND	U	0.000511	ND	U	0.000514	ND	U	0.000637	ND	U	0.000551	ND	U	0.000582	ND	U	0.000632

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
			SAMPLE_NO	SB0012			SB0013			SB0014			SB0015			SB0016			SB0017			SB0018		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			21-Jan-11			21-Jan-11			21-Jan-11			22-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	1,3-DICHLOROBENZENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.336	ND	U	0.332	ND	U	0.344	ND	U	0.355	ND	U	0.368	ND	U	0.364	ND	U	0.346
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2,6-DICHLOROPHENOL			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2,6-DINITROTOLUENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2-CHLORONAPHTHALENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2-METHYLPHENOL			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	2-NITROANILINE			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	2-NITROPHENOL			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	3,3'-DICHLOROBENZIDINE			ND	U	0.336	ND	U	0.332	ND	U	0.344	ND	U	0.355	ND	U	0.368	ND	U	0.364	ND	U	0.346
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	3-NITROANILINE			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	4-CHLOROANILINE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	4-NITROANILINE			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	4-NITROPHENOL			ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	BENZENAMINE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BIS(2-ETHYLHEXYL)PHTHALATE			0.235	J	0.0336	1.38		0.0332	0.253	J	0.0344	0.0246	J	0.0355	0.0405	J	0.0368	ND	U	0.0364	ND	U	0.0346
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	CARBAZOLE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	DIBENZOFURAN			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	0.114	J	0.0185	ND	U	0.0182	ND	U	0.0174
	DI-N-OCTYL PHTHALATE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
	ISOPHORONE	3.69	5119	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	NITROBENZENE	0.13727	49.41	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PHENOL	126	18331	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PYRIDINE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106108			KAFB-106108			KAFB-106108			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
		SAMPLE_NO		SB0012			SB0013			SB0014			SB0015			SB0016			SB0017			SB0018		
		SAMPLE_DATE		16-Feb-11			16-Feb-11			16-Feb-11			21-Jan-11			21-Jan-11			21-Jan-11			22-Jan-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	ACENAPHTHENE	409.91	3441	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	ACENAPHTHYLENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	ANTHRACENE	6739	17203	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	CHRYSENE	652.34	621.36	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	ND	U	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0167	ND	U	0.0173	0.00792	J	0.0178	ND	U	0.0185	ND	U	0.0182	ND	U	0.0174
	FLUORENE	499.58	2294	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	NAPHTHALENE	0.08389	44.95	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PHENANTHRENE	1669	1833	ND	U	0.0336	ND	U	0.0332	ND	U	0.0344	ND	U	0.0355	ND	U	0.0368	ND	U	0.0364	ND	U	0.0346
	PYRENE	2238	1720	ND	U	0.169	ND	U	0.167	ND	U	0.173	ND	U	0.178	ND	U	0.185	ND	U	0.182	ND	U	0.174
Metals (mg/Kg), Method 6010	LEAD		400	4.28		0.24	2.72		0.24	3.07		0.25	7.26		0.26	7.33		0.27	7.34	J-	0.27	4.5		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
			SAMPLE_NO	SB0019			SB0020			SB0021			SB0022			SB0023			SB0024			SB0025		
			SAMPLE_DATE	22-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			101-150 FT			151-200 FT			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			16.8		2.03	3.45	J	2.18	2.84	J	2.3	16.4		2.07	23.7		2.09	3.6	J	2.43	9.66		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.33	ND	U	2.14	ND	U	3.31	ND	U	2.33	ND	U	2.49	ND	U	2.62	ND	U	1.99
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	1,1-DICHLOROPROPENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2,3-TRICHLOROBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,3-DICHLOROBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,3-DICHLOROPROPANE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	1-CHLOROHEXANE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	2,2-DICHLOROPROPANE			ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	2-BUTANONE			ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	2-CHLOROTOLUENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	2-HEXANONE			0.0359		0.000497	ND	U	0.000553	0.0374		0.000579	0.045		0.000621	0.0381		0.000573	ND	U	0.000767	0.00744		0.000497
	2-PROPENAL	0.00015	0.64556	ND	R	0.00199	ND	R	0.00221	ND	R	0.00232	ND	R	0.00248	ND	R	0.00229	ND	R	0.00307	ND	R	0.00199
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00199	ND	R	0.00221	ND	R	0.00232	ND	R	0.00248	ND	R	0.00229	ND	R	0.00307	ND	R	0.00199
	4-CHLOROTOLUENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	ACETONE	76.89	67456	0.00623		0.00199	0.00376	J	0.00221	0.00537	J	0.00232	ND	U	0.00248	ND	U	0.00229	0.0486		0.00307	ND	U	0.00199
	BENZENE	0.03696	15.49	ND	U	0.000497	0.00138	J	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	0.00505		0.000767	ND	U	0.000497
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00149	ND	U	0.00166	ND	U	0.00174	ND	U	0.00186	ND	U	0.00172	ND	U	0.0023	ND	U	0.00149
	BROMOBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	BROMOCHLOROMETHANE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	BROMOFORM			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	BROMOMETHANE	0.03877	22.35	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	CARBON DISULFIDE	5.041	1935	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	CHLOROBENZENE	1.077	508	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	CHLOROETHANE	108.43	43576	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	CHLOROFORM	0.00936	5.718	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	DIBROMOMETHANE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	ISOPROPYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	M,P-XYLENES			ND	U	0.000993	ND	U	0.00111	ND	U	0.00116	ND	U	0.00124	ND	U	0.00115	ND	U	0.00153	ND	U	0.000994
	METHYL TERT-BUTYL ETHER			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	NAPHTHALENE	0.08389	44.95	ND	U	0.00199	ND	U	0.00221	ND	U	0.00232	ND	U	0.00248	ND	U	0.00229	ND	U	0.00307	ND	U	0.00199
	N-BUTYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	N-PROPYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	O-XYLENE	24.68	9548	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	P-ISOPROPYLTOLUENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	SEC-BUTYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	STYRENE	31.23	8970	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TERT-BUTYLBENZENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TOLUENE	27.66	5570	ND	U	0.000497	0.00224		0.000553	0.00188	J	0.000579	ND	U	0.000621	ND	U	0.000573	0.00922		0.000767	ND	U	0.000497
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	VINYL ACETATE	1.525	3646	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000497	ND	U	0.000553	ND	U	0.000579	ND	U	0.000621	ND	U	0.000573	ND	U	0.000767	ND	U	0.000497

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
			SAMPLE_NO	SB0019			SB0020			SB0021			SB0022			SB0023			SB0024			SB0025		
			SAMPLE_DATE	22-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			101-150 FT			151-200 FT			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	1,3-DICHLOROBENZENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.341	ND	U	0.364	ND	U	0.383	ND	U	0.347	ND	U	0.349	ND	U	0.404	ND	U	0.339
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2,6-DICHLOROPHENOL			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2,6-DINITROTOLUENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2-CHLORONAPHTHALENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2-METHYLPHENOL			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	2-NITROANILINE			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	2-NITROPHENOL			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	3,3'-DICHLOROBENZIDINE			ND	U	0.341	ND	U	0.364	ND	U	0.383	ND	U	0.347	ND	U	0.349	ND	U	0.404	ND	U	0.339
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	3-NITROANILINE			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	4-CHLOROANILINE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	4-NITROANILINE			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	4-NITROPHENOL			ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	BENZENAMINE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BIS(2-ETHYLHEXYL)PHTHALATE			0.64		0.0341	0.0954	J	0.0364	0.222	J	0.0383	0.719		0.0347	0.761		0.0349	0.15	J	0.0404	0.533		0.0339
	BUTYL BENZYL PHTHALATE			ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	CARBAZOLE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	DIBENZOFURAN			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	DI-N-BUTYL PHTHALATE			ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	DI-N-OCTYL PHTHALATE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
	ISOPHORONE	3.69	5119	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	NITROBENZENE	0.13727	49.41	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PHENOL	126	18331	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PYRIDINE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106109		
			SAMPLE_NO	SB0019			SB0020			SB0021			SB0022			SB0023			SB0024			SB0025		
			SAMPLE_DATE	22-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11			23-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			101-150 FT			151-200 FT			151-200 FT			201-250 FT			251-300		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	ACENAPHTHENE	409.91	3441	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	ACENAPHTHYLENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	ANTHRACENE	6739	17203	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	BENZO(GHI)PERYLENE			ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	CHRYSENE	652.34	621.36	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	FLUORANTHENE	3108	2294	ND	U	0.0171	ND	U	0.0183	ND	U	0.0192	ND	U	0.0174	ND	U	0.0175	ND	U	0.0203	ND	U	0.017
	FLUORENE	499.58	2294	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	NAPHTHALENE	0.08389	44.95	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PHENANTHRENE	1669	1833	ND	U	0.0341	ND	U	0.0364	ND	U	0.0383	ND	U	0.0347	ND	U	0.0349	ND	U	0.0404	ND	U	0.0339
	PYRENE	2238	1720	ND	U	0.171	ND	U	0.183	ND	U	0.192	ND	U	0.174	ND	U	0.175	ND	U	0.203	ND	U	0.17
Metals (mg/Kg), Method 6010	LEAD		400	4.57		0.25	6.29		0.26	10.7		0.28	7.98	J	0.25	3.39	J	0.25	8.86		0.29	5.4		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0026			SB0027			SB0028			SB0029			SB0030			SB0031			SB0032		
			SAMPLE_DATE	23-Jan-11			4-Feb-11			4-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			16.8		2.02	24.5		2.04	2.24	J	2.04	24.4		2.12	9.13		2.04	23.3		2.1	26.9		2.12
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.22	ND	U	1.75	ND	U	2.28	ND	U	2.07	ND	U	2.56	ND	U	3.43	ND	U	3.35
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,1-DICHLOROPROPENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2,3-TRICHLOROBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	R	0.00275	ND	R	0.00408	ND	U	0.00501	ND	U	0.00476
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,3-DICHLOROBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,3-DICHLOROPROPANE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	1-CHLOROHEXANE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	2,2-DICHLOROPROPANE			ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	2-BUTANONE			ND	U	0.00239	ND	R	0.00234	ND	R	0.00232	ND	U	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	2-CHLOROTOLUENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	2-HEXANONE			0.0108		0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	2-PROPENAL	0.00015	0.64556	ND	R	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.00687	ND	U	0.0102	ND	R	0.0125	ND	R	0.0119
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00239	ND	R	0.00234	ND	R	0.00232	ND	R	0.00275	ND	R	0.00408	ND	R	0.00501	ND	R	0.00476
	4-CHLOROTOLUENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	ACETONE	76.89	67456	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	0.0043	J	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	BENZENE	0.03696	15.49	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	0.00152	J	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00179	ND	U	0.00176	ND	U	0.00174	ND	U	0.00206	ND	U	0.00306	ND	U	0.00376	ND	U	0.00357
	BROMOBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	BROMOCHLOROMETHANE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	BROMOFORM			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	BROMOMETHANE	0.03877	22.35	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	CARBON DISULFIDE	5.041	1935	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CHLOROBENZENE	1.077	508	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CHLOROETHANE	108.43	43576	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CHLOROFORM	0.00936	5.718	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.00275	ND	U	0.00408	ND	U	0.00501	ND	U	0.00476
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	DIBROMOMETHANE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	ISOPROPYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	M,P-XYLENES			ND	U	0.00119	ND	U	0.00117	ND	U	0.00116	ND	U	0.00137	ND	U	0.00204	ND	U	0.0025	ND	U	0.00238
	METHYL TERT-BUTYL ETHER			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	NAPHTHALENE	0.08389	44.95	ND	U	0.00239	ND	U	0.00234	ND	U	0.00232	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	N-BUTYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	N-PROPYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	O-XYLENE	24.68	9548	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	P-ISOPROPYLTOLUENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	SEC-BUTYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	STYRENE	31.23	8970	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TERT-BUTYLBENZENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TOLUENE	27.66	5570	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	VINYL ACETATE	1.525	3646	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000597	ND	U	0.000586	ND	U	0.000579	ND	U	0.000687	ND	U	0.00102	ND	U	0.00125	ND	U	0.00119

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0026			SB0027			SB0028			SB0029			SB0030			SB0031			SB0032		
			SAMPLE_DATE	23-Jan-11			4-Feb-11			4-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	1,3-DICHLOROBENZENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.35	ND	U	0.336	ND	U	0.348	ND	U	0.352
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.333	ND	U	0.335	ND	U	0.338	ND	U	0.35	ND	U	0.336	ND	U	0.348	ND	U	0.352
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	2,6-DICHLOROPHENOL			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2,6-DINITROTOLUENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2-CHLORONAPHTHALENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2-METHYLPHENOL			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	2-NITROANILINE			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	2-NITROPHENOL			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	3,3'-DICHLOROBENZIDINE			ND	U	0.333	ND	U	0.335	ND	U	0.338	ND	U	0.353	ND	U	0.339	ND	U	0.351	ND	U	0.355
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	3-NITROANILINE			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.35	ND	U	0.336	ND	U	0.348	ND	U	0.352
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	4-CHLOROANILINE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	4-NITROANILINE			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	4-NITROPHENOL			ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	BENZENAMINE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BIS(2-ETHYLHEXYL)PHTHALATE			1.05		0.0333	1.03		0.0335	0.0619	J	0.0338	0.0307	J	0.0353	0.0865	J	0.0339	0.158	J	0.0351	0.0402	J	0.0355
	BUTYL BENZYL PHTHALATE			ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	CARBAZOLE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	DIBENZOFURAN			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	DI-N-BUTYL PHTHALATE			0.0109	J	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	DI-N-OCTYL PHTHALATE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	ISOPHORONE	3.69	5119	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	NITROBENZENE	0.13727	49.41	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0707	ND	U	0.0679	ND	U	0.0702	ND	U	0.0712
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178
	PHENOL	126	18331	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	PYRIDINE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.177	ND	U	0.17	ND	U	0.176	ND	U	0.178

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106109			KAFB-106109			KAFB-106109			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0026			SB0027			SB0028			SB0029			SB0030			SB0031			SB0032		
			SAMPLE_DATE	23-Jan-11			4-Feb-11			4-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	ACENAPHTHENE	409.91	3441	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	ACENAPHTHYLENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	ANTHRACENE	6739	17203	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	BENZO(GHI)PERYLENE			ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	CHRYSENE	652.34	621.36	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	FLUORANTHENE	3108	2294	ND	U	0.0167	ND	U	0.0168	ND	U	0.0169	ND	U	0.0177	ND	U	0.017	ND	U	0.0176	ND	U	0.0178
	FLUORENE	499.58	2294	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	NAPHTHALENE	0.08389	44.95	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	PHENANTHRENE	1669	1833	ND	U	0.0333	ND	U	0.0335	ND	U	0.0338	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
	PYRENE	2238	1720	ND	U	0.167	ND	U	0.168	ND	U	0.169	ND	U	0.0353	ND	U	0.0339	ND	U	0.0351	ND	U	0.0355
Metals (mg/Kg), Method 6010	LEAD		400	3.29		0.24	2.69		0.24	1.35		0.24	7.74		0.26	5.02		0.25	5.64		0.25	5.58		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0036			SB0033			SB0034			SB0035			SB0037			SB0038			SB0039		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150			31-40 FT			41-50 FT			51-100 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.97	J	2.18	25.6		2.06	19.7		2.12	12.5	J+	2.04	4.82		2.21	9.16		2.27	17.9		2.01
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	3.71	ND	U	2.67	ND	U	3.14	ND	U	2.41	ND	U	3.64	ND	U	4	1.41	J	4.32
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,1-DICHLOROPROPENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2,3-TRICHLOROBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00221	ND	U	0.00291	ND	R	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00221	ND	U	0.00291	ND	U	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,3-DICHLOROBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,3-DICHLOROPROPANE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	1-CHLOROHEXANE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	2,2-DICHLOROPROPANE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	2-BUTANONE			ND	U	0.00221	ND	U	0.00291	ND	U	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	2-CHLOROTOLUENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	2-HEXANONE			ND	U	0.00221	ND	U	0.00291	ND	U	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	2-PROPENAL	0.00015	0.64556	ND	R	0.00551	ND	R	0.00729	ND	U	0.0116	ND	R	0.00694	ND	U	0.00791	ND	U	0.0087	ND	R	0.00455
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00221	ND	R	0.00291	ND	R	0.00463	ND	R	0.00278	ND	U	0.00316	ND	U	0.00348	ND	R	0.00182
	4-CHLOROTOLUENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	ACETONE	76.89	67456	ND	U	0.00221	ND	U	0.00291	0.00677	J	0.00463	ND	U	0.00278	0.0109		0.00316	0.00455	J	0.00348	0.00543		0.00182
	BENZENE	0.03696	15.49	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00165	ND	U	0.00219	ND	U	0.00347	ND	U	0.00208	ND	U	0.00237	ND	U	0.00261	ND	U	0.00136
	BROMOBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	BROMOCHLOROMETHANE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	BROMOFORM			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	BROMOMETHANE	0.03877	22.35	ND	U	0.00221	ND	U	0.00291	ND	U	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	CARBON DISULFIDE	5.041	1935	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CHLOROBENZENE	1.077	508	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CHLOROETHANE	108.43	43576	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CHLOROFORM	0.00936	5.718	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00221	ND	U	0.00291	ND	U	0.00463	ND	U	0.00278	ND	U	0.00316	ND	U	0.00348	ND	U	0.00182
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	DIBROMOMETHANE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	ISOPROPYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	M,P-XYLENES			ND	U	0.0011	ND	U	0.00146	ND	U	0.00231	ND	U	0.00139	ND	U	0.00158	ND	U	0.00174	ND	U	0.000909
	METHYL TERT-BUTYL ETHER			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	NAPHTHALENE	0.08389	44.95	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	N-BUTYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	N-PROPYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	O-XYLENE	24.68	9548	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	P-ISOPROPYLTOLUENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	SEC-BUTYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	STYRENE	31.23	8970	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	UJ	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TERT-BUTYLBENZENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	UJ	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TOLUENE	27.66	5570	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	0.0017	J	0.000791	0.00153	J	0.00087	ND	U	0.000455
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	VINYL ACETATE	1.525	3646	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000551	ND	U	0.000729	ND	U	0.00116	ND	U	0.000694	ND	U	0.000791	ND	U	0.00087	ND	U	0.000455

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0036			SB0033			SB0034			SB0035			SB0037			SB0038			SB0039		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150			31-40 FT			41-50 FT			51-100 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	1,3-DICHLOROBENZENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.364	ND	U	0.339	ND	U	0.349	ND	U	0.336	ND	U	0.366	ND	U	0.38	ND	U	0.337
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.364	ND	U	0.339	ND	U	0.349	ND	U	0.336	ND	U	0.366	ND	U	0.38	ND	U	0.337
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	2,6-DICHLOROPHENOL			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2,6-DINITROTOLUENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2-CHLORONAPHTHALENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2-METHYLPHENOL			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	2-NITROANILINE			ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	2-NITROPHENOL			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	3,3'-DICHLOROBENZIDINE			ND	U	0.367	ND	U	0.342	ND	U	0.352	ND	U	0.339	ND	U	0.37	ND	U	0.384	ND	U	0.34
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	3-NITROANILINE			ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.364	ND	U	0.339	ND	U	0.349	ND	U	0.336	ND	U	0.366	ND	U	0.38	ND	U	0.337
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	4-CHLOROANILINE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	4-NITROANILINE			ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	4-NITROPHENOL			ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	BENZENAMINE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0574	J	0.0367	0.204	J	0.0342	0.111	J	0.0352	0.562		0.0339	0.111	J	0.037	0.0454	J	0.0384	0.157	J	0.034
	BUTYL BENZYL PHTHALATE			ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	CARBAZOLE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	DIBENZOFURAN			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	DI-N-BUTYL PHTHALATE			0.0149	J	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	0.0143	J	0.017
	DI-N-OCTYL PHTHALATE			ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	ISOPHORONE	3.69	5119	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	NITROBENZENE	0.13727	49.41	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0736	ND	U	0.0686	ND	U	0.0705	ND	U	0.0679	ND	U	0.0741	ND	U	0.0769	ND	U	0.0681
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17
	PHENOL	126	18331	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	PYRIDINE			ND	U	0.184	ND	U	0.172	ND	U	0.176	ND	U	0.17	ND	U	0.185	ND	U	0.192	ND	U	0.17

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110		
			SAMPLE_NO	SB0036			SB0033			SB0034			SB0035			SB0037			SB0038			SB0039		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150			31-40 FT			41-50 FT			51-100 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	ACENAPHTHENE	409.91	3441	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	ACENAPHTHYLENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	ANTHRACENE	6739	17203	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	BENZO(GHI)PERYLENE			ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	CHRYSENE	652.34	621.36	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	FLUORANTHENE	3108	2294	ND	U	0.0184	ND	U	0.0172	ND	U	0.0176	ND	U	0.017	ND	U	0.0185	ND	U	0.0192	ND	U	0.017
	FLUORENE	499.58	2294	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	NAPHTHALENE	0.08389	44.95	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	PHENANTHRENE	1669	1833	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
	PYRENE	2238	1720	ND	U	0.0367	ND	U	0.0342	ND	U	0.0352	ND	U	0.0339	ND	U	0.037	ND	U	0.0384	ND	U	0.034
Metals (mg/Kg), Method 6010	LEAD		400	4.59		0.26	4.9		0.25	7.68		0.25	4.05		0.25	5.55		0.27	4.01		0.28	2.98		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106111			KAFB-106111			KAFB-106111		
			SAMPLE_NO	SB0040			SB0041			SB1741			SB0042			SB0043			SB0044			SB0045		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			FD			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			10.7		2	8.55	J	2.03	35.5	J	2.01	19.6		2.07	56.7		2.12	65.3		2.13	9.13		2.11
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	4.19	ND	U	2.4	ND	U	2.37	ND	U	2.47	ND	U	3.52	ND	U	5.71	ND	U	2.61
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,1-DICHLOROPROPENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2,3-TRICHLOROBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	ND	R	0.00231	ND	R	0.00454	ND	R	0.00271
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	ND	U	0.00231	ND	U	0.00454	ND	U	0.00271
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,3-DICHLOROBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,3-DICHLOROPROPANE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	1-CHLOROHEXANE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	2,2-DICHLOROPROPANE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	2-BUTANONE			ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	0.0041	J	0.00231	0.0137		0.00454	0.00616	J	0.00271
	2-CHLOROTOLUENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	2-HEXANONE			ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	ND	U	0.00231	ND	U	0.00454	ND	U	0.00271
	2-PROPENAL	0.00015	0.64556	ND	R	0.00647	ND	R	0.00599	ND	R	0.00662	ND	R	0.0045	ND	U	0.00578	ND	U	0.0114	ND	U	0.00676
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00259	ND	R	0.0024	ND	R	0.00265	ND	R	0.0018	ND	R	0.00231	ND	R	0.00454	ND	R	0.00271
	4-CHLOROTOLUENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	0.00436	J	0.000578	0.0114		0.00114	ND	U	0.000676
	ACETONE	76.89	67456	0.0068		0.00259	0.00515	J	0.0024	0.00419	J	0.00265	0.00615		0.0018	ND	UJ	0.00231	ND	UJ	0.00454	ND	U	0.00271
	BENZENE	0.03696	15.49	ND	U	0.000647	ND	U	0.000599	0.000405	J	0.000662	0.00578		0.00045	0.000426	J	0.000578	0.000844	J	0.00114	0.000319	J	0.000676
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00194	ND	U	0.0018	ND	U	0.00199	ND	U	0.00135	ND	U	0.00173	ND	U	0.00341	ND	U	0.00203
	BROMOBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	BROMOCHLOROMETHANE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	BROMOFORM			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	BROMOMETHANE	0.03877	22.35	ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	ND	U	0.00231	ND	U	0.00454	ND	U	0.00271
	CARBON DISULFIDE	5.041	1935	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CHLOROBENZENE	1.077	508	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CHLOROETHANE	108.43	43576	ND	U	0.000647	ND	U	0.000599	ND	UJ	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CHLOROFORM	0.00936	5.718	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00259	ND	U	0.0024	ND	U	0.00265	ND	U	0.0018	ND	U	0.00231	ND	U	0.00454	ND	U	0.00271
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	DIBROMOMETHANE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000647	ND	U	0.000599	ND	UJ	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	ISOPROPYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	M,P-XYLENES			ND	U	0.00129	ND	U	0.0012	ND	U	0.00132	ND	U	0.0009	ND	U	0.00116	ND	U	0.00227	ND	U	0.00135
	METHYL TERT-BUTYL ETHER			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	NAPHTHALENE	0.08389	44.95	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	N-BUTYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	N-PROPYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	O-XYLENE	24.68	9548	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	P-ISOPROPYLTOLUENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	SEC-BUTYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	STYRENE	31.23	8970	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TERT-BUTYLBENZENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TOLUENE	27.66	5570	ND	U	0.000647	ND	U	0.000599	0.000871	J	0.000662	0.0138		0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	VINYL ACETATE	1.525	3646	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000647	ND	U	0.000599	ND	U	0.000662	ND	U	0.00045	ND	U	0.000578	ND	U	0.00114	ND	U	0.000676

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106111			KAFB-106111			KAFB-106111		
			SAMPLE_NO	SB0040			SB0041			SB1741			SB0042			SB0043			SB0044			SB0045		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			FD			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	1,3-DICHLOROBENZENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.329	ND	U	0.336	ND	U	0.335	ND	U	0.342	ND	U	0.347	ND	U	0.352	ND	U	0.348
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.329	ND	U	0.336	ND	U	0.335	ND	U	0.342	ND	UJ	0.347	ND	UJ	0.352	ND	UJ	0.348
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	2,6-DICHLOROPHENOL			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2,6-DINITROTOLUENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2-CHLORONAPHTHALENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2-METHYLPHENOL			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	2-NITROANILINE			ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	2-NITROPHENOL			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	3,3'-DICHLOROBENZIDINE			ND	U	0.332	ND	U	0.339	ND	U	0.339	ND	U	0.345	ND	U	0.35	ND	U	0.355	ND	U	0.351
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	3-NITROANILINE			ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.329	ND	U	0.336	ND	U	0.335	ND	U	0.342	ND	U	0.347	ND	U	0.352	ND	U	0.348
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	4-CHLOROANILINE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	4-NITROANILINE			ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	4-NITROPHENOL			ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	BENZENAMINE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	BIS(2-ETHYLHEXYL)PHTHALATE			0.129	J	0.0332	0.146	J	0.0339	0.653		0.0339	0.362		0.0345	0.0683	J	0.035	0.176	J	0.0355	0.246	J	0.0351
	BUTYL BENZYL PHTHALATE			ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	CARBAZOLE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	DIBENZOFURAN			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	DI-N-BUTYL PHTHALATE			ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	DI-N-OCTYL PHTHALATE			ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	ISOPHORONE	3.69	5119	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	NITROBENZENE	0.13727	49.41	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0666	ND	U	0.0679	ND	U	0.0678	ND	U	0.0692	ND	U	0.0702	ND	U	0.0712	ND	U	0.0704
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	U	0.176	ND	U	0.178	ND	U	0.176
	PHENOL	126	18331	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	PYRIDINE			ND	U	0.167	ND	U	0.17	ND	U	0.17	ND	U	0.173	ND	UJ	0.176	ND	UJ	0.178	ND	UJ	0.176

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106110			KAFB-106111			KAFB-106111			KAFB-106111		
		SAMPLE_NO		SB0040			SB0041			SB1741			SB0042			SB0043			SB0044			SB0045		
		SAMPLE_DATE		22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11		
		SAMPLE_PURPOSE		REG			REG			FD			REG			REG			FD			REG		
		SAMPLE_DEPTH		301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	ACENAPHTHENE	409.91	3441	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	ACENAPHTHYLENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	ANTHRACENE	6739	17203	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0423	J	0.035	ND	U	0.0355	ND	U	0.0351
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0252	J	0.035	0.0216	J	0.0355	ND	U	0.0351
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0452	J	0.035	ND	U	0.0355	ND	U	0.0351
	BENZO(GHI)PERYLENE			ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	0.0162	J	0.0176	0.0226	J	0.0178	ND	U	0.0176
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0252	J	0.035	0.0146	J	0.0355	ND	U	0.0351
	CHRYSENE	652.34	621.36	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0475	J	0.035	0.0241	J	0.0355	ND	U	0.0351
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	ND	U	0.0176	ND	U	0.0178	ND	U	0.0176
	FLUORANTHENE	3108	2294	ND	U	0.0167	ND	U	0.017	ND	U	0.017	ND	U	0.0173	0.0835	J	0.0176	0.0298	J	0.0178	ND	U	0.0176
	FLUORENE	499.58	2294	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.237	J	0.035	0.238	J	0.0355	ND	U	0.0351
	NAPHTHALENE	0.08389	44.95	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	ND	U	0.035	ND	U	0.0355	ND	U	0.0351
	PHENANTHRENE	1669	1833	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0543	J	0.035	0.0145	J	0.0355	ND	U	0.0351
	PYRENE	2238	1720	ND	U	0.0332	ND	U	0.0339	ND	U	0.0339	ND	U	0.0345	0.0826	J	0.035	0.0301	J	0.0355	ND	U	0.0351
Metals (mg/Kg), Method 6010	LEAD		400	2.81		0.24	2.37		0.24	2.43		0.24	1.59		0.25	6.97		0.26	7.07		0.26	3.59		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111		
			SAMPLE_NO	SB0046			SB0047			SB0048			SB0049			SB0050			SB0051			SB0052		
			SAMPLE_DATE	1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			4.12	J	2.13	4.81		2.11	12.4		2.15	8.3		2.08	5.24		2.1	4.93		2.03	15.1		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.28	ND	U	2.42	ND	U	3.35	ND	U	2.61	1.2	J	2.96	ND	U	3.34	1.15	J	2.89
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,1-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2,3-TRICHLOROBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00215	ND	R	0.00246	ND	R	0.00276	ND	R	0.00261	ND	R	0.00256	ND	R	0.00271	ND	R	0.00271
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00215	ND	U	0.00246	ND	U	0.00276	ND	U	0.00261	ND	U	0.00256	ND	U	0.00271	ND	U	0.00271
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,3-DICHLOROBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,3-DICHLOROPROPANE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	1-CHLOROHEXANE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	2,2-DICHLOROPROPANE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	2-BUTANONE			ND	U	0.00215	0.00695		0.00246	0.00878		0.00276	0.00461	J	0.00261	ND	U	0.00256	ND	U	0.00271	0.00954		0.00271
	2-CHLOROTOLUENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	2-HEXANONE			ND	U	0.00215	ND	U	0.00246	ND	U	0.00276	ND	U	0.00261	ND	U	0.00256	ND	U	0.00271	ND	U	0.00271
	2-PROPENAL	0.00015	0.64556	ND	U	0.00536	ND	U	0.00615	ND	U	0.00689	ND	U	0.00652	ND	U	0.00641	ND	U	0.00677	ND	U	0.00678
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00215	ND	R	0.00246	ND	R	0.00276	ND	R	0.00261	ND	R	0.00256	ND	R	0.00271	ND	R	0.00271
	4-CHLOROTOLUENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	ACETONE	76.89	67456	ND	U	0.00215	ND	U	0.00246	ND	U	0.00276	ND	U	0.00261	0.00965		0.00256	ND	U	0.00271	0.0509		0.00271
	BENZENE	0.03696	15.49	ND	U	0.000536	0.000571	J	0.000615	0.000597	J	0.000689	0.00196	J	0.000652	0.000433	J	0.000641	0.00022	J	0.000677	0.00066	J	0.000678
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00161	ND	U	0.00185	ND	U	0.00207	0.00777	J	0.00195	ND	U	0.00192	ND	U	0.00203	ND	U	0.00203
	BROMOBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	BROMOCHLOROMETHANE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	BROMOFORM			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	BROMOMETHANE	0.03877	22.35	ND	U	0.00215	ND	U	0.00246	ND	U	0.00276	ND	U	0.00261	ND	U	0.00256	ND	U	0.00271	ND	U	0.00271
	CARBON DISULFIDE	5.041	1935	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CHLOROBENZENE	1.077	508	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CHLOROETHANE	108.43	43576	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CHLOROFORM	0.00936	5.718	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00215	ND	U	0.00246	ND	U	0.00276	ND	U	0.00261	ND	U	0.00256	ND	U	0.00271	ND	U	0.00271
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	DIBROMOMETHANE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	ISOPROPYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	M,P-XYLENES			ND	U	0.00107	ND	U	0.00123	ND	U	0.00138	0.00339	J	0.0013	ND	U	0.00128	ND	U	0.00135	ND	U	0.00136
	METHYL TERT-BUTYL ETHER			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	NAPHTHALENE	0.08389	44.95	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	N-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	N-PROPYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	O-XYLENE	24.68	9548	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	0.00438		0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	P-ISOPROPYLTOLUENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	SEC-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	STYRENE	31.23	8970	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TERT-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TOLUENE	27.66	5570	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	0.00655		0.000652	ND	U	0.000641	ND	U	0.000677	0.000708	J	0.000678
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	VINYL ACETATE	1.525	3646	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000536	ND	U	0.000615	ND	U	0.000689	ND	U	0.000652	ND	U	0.000641	ND	U	0.000677	ND	U	0.000678

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111		
			SAMPLE_NO	SB0046			SB0047			SB0048			SB0049			SB0050			SB0051			SB0052		
			SAMPLE_DATE	1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	1,3-DICHLOROBENZENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.357	ND	U	0.348	ND	U	0.355	ND	U	0.346	ND	U	0.341	ND	U	0.331	ND	U	0.338
	2,4-DINITROPHENOL	1.05	122.21	ND	UJ	0.357	ND	UJ	0.348	ND	UJ	0.355	ND	UJ	0.346	ND	U	0.341	ND	U	0.331	ND	U	0.338
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	2,6-DICHLOROPHENOL			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2,6-DINITROTOLUENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2-CHLORONAPHTHALENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2-METHYLPHENOL			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	2-NITROANILINE			ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	2-NITROPHENOL			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	3,3'-DICHLOROBENZIDINE			ND	U	0.36	ND	U	0.351	ND	U	0.358	ND	U	0.349	ND	U	0.344	ND	U	0.334	ND	U	0.341
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	3-NITROANILINE			ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.357	ND	U	0.348	ND	U	0.355	ND	U	0.346	ND	U	0.341	ND	U	0.331	ND	U	0.338
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	4-CHLORO-3-METHYLPHENOL			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	4-CHLOROANILINE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	4-NITROANILINE			ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	4-NITROPHENOL			ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	BENZENAMINE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BIS(2-ETHYLHEXYL)PHTHALATE			0.144	J	0.036	0.0529	J	0.0351	0.549	J	0.0358	1.22	J	0.0349	0.095	J	0.0344	0.0741	J	0.0334	0.317	J	0.0341
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	CARBAZOLE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	DIBENZOFURAN			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	DI-N-OCTYL PHTHALATE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	ISOPHORONE	3.69	5119	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	NITROBENZENE	0.13727	49.41	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0721	ND	U	0.0702	ND	U	0.0717	ND	U	0.07	ND	U	0.069	ND	U	0.0668	ND	U	0.0683
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.181	ND	U	0.176	ND	U	0.179	ND	U	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171
	PHENOL	126	18331	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	PYRIDINE			ND	UJ	0.181	ND	UJ	0.176	ND	UJ	0.179	ND	UJ	0.175	ND	U	0.173	ND	U	0.167	ND	U	0.171

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111		
			SAMPLE_NO	SB0046			SB0047			SB0048			SB0049			SB0050			SB0051			SB0052		
			SAMPLE_DATE	1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	ACENAPHTHENE	409.91	3441	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	ACENAPHTHYLENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	ANTHRACENE	6739	17203	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	CHRYSENE	652.34	621.36	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0176	ND	U	0.0179	ND	U	0.0175	ND	U	0.0173	ND	U	0.0167	ND	U	0.0171
	FLUORENE	499.58	2294	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	INDENO(1,2,3-CD)PYRENE			ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	NAPHTHALENE	0.08389	44.95	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	PHENANTHRENE	1669	1833	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
	PYRENE	2238	1720	ND	U	0.036	ND	U	0.0351	ND	U	0.0358	ND	U	0.0349	ND	U	0.0344	ND	U	0.0334	ND	U	0.0341
Metals (mg/Kg), Method 6010	LEAD		400	6.18	J-	0.26	3.97		0.25	5.07		0.26	3.58		0.25	2.26		0.25	3.03		0.24	3.63		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0053			SB0054			SB0055			SB0056			SB0057			SB0058			SB0059		
			SAMPLE_DATE	2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			22-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			21.9		2	18.3		2.02	18.2		2.07	12.7		2.04	4.78		2.09	14.4		2.11	2.02	J	2.31
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	3.72	1.01	J	2.25	1.18	J	3.51	1.79	J	5.12	ND	U	1.88	ND	U	2.06	ND	U	3.03
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,1-DICHLOROPROPENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2,3-TRICHLOROBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2,4-TRIMETHYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	0.00226	J	0.000627
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00481	ND	R	0.00281	ND	R	0.00247	ND	R	0.00161	ND	R	0.00198	ND	U	0.00212	ND	U	0.00251
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00481	ND	U	0.00281	ND	U	0.00247	ND	U	0.00161	ND	U	0.00198	ND	U	0.00212	ND	U	0.00251
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,3,5-TRIMETHYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,3-DICHLOROBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,3-DICHLOROPROPANE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	1-CHLOROHEXANE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	2,2-DICHLOROPROPANE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	2-BUTANONE			ND	U	0.00481	ND	U	0.00281	0.00225	J	0.00247	ND	U	0.00161	0.00142	J	0.00198	0.00742		0.00212	0.00891		0.00251
	2-CHLOROTOLUENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	2-HEXANONE			ND	U	0.00481	ND	U	0.00281	ND	U	0.00247	ND	U	0.00161	ND	U	0.00198	ND	U	0.00212	ND	U	0.00251
	2-PROPENAL	0.00015	0.64556	ND	U	0.012	ND	U	0.00702	ND	U	0.00618	ND	U	0.00403	ND	U	0.00494	ND	R	0.00531	ND	R	0.00627
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00481	ND	R	0.00281	ND	R	0.00247	ND	R	0.00161	ND	R	0.00198	ND	R	0.00212	ND	R	0.00251
	4-CHLOROTOLUENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	ACETONE	76.89	67456	0.00321	J	0.00481	ND	U	0.00281	ND	U	0.00247	ND	U	0.00161	0.00493	J	0.00198	0.0171		0.00212	0.0231		0.00251
	BENZENE	0.03696	15.49	0.000528	J	0.0012	0.00029	J	0.000702	0.00488		0.000618	0.00553		0.000403	0.00231		0.000494	0.00121	J	0.000531	0.00646		0.000627
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00361	ND	U	0.00211	0.00586	J	0.00186	0.00375	J	0.00121	0.00487	J	0.00148	ND	U	0.00159	0.00787		0.00188
	BROMOBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	BROMOCHLOROMETHANE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	BROMOFORM			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	BROMOMETHANE	0.03877	22.35	ND	U	0.00481	ND	U	0.00281	ND	U	0.00247	ND	U	0.00161	ND	U	0.00198	ND	U	0.00212	ND	U	0.00251
	CARBON DISULFIDE	5.041	1935	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CHLOROBENZENE	1.077	508	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CHLOROETHANE	108.43	43576	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CHLOROFORM	0.00936	5.718	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00481	ND	U	0.00281	ND	U	0.00247	ND	U	0.00161	ND	U	0.00198	ND	U	0.00212	ND	U	0.00251
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	CIS-1,3-DICHLOROPROPENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	DIBROMOMETHANE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	ETHYLBENZENE	0.29128	69.66	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	ISOPROPYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	M,P-XYLENES			ND	U	0.00241	ND	U	0.0014	0.00225	J	0.00124	0.00141	J	0.000806	0.0018	J	0.000988	ND	U	0.00106	0.00642		0.00125
	METHYL TERT-BUTYL ETHER			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	NAPHTHALENE	0.08389	44.95	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	N-BUTYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	N-PROPYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	O-XYLENE	24.68	9548	ND	U	0.0012	ND	U	0.000702	0.00362		0.000618	0.00234		0.000403	0.00307		0.000494	ND	U	0.000531	0.00145	J	0.000627
	P-ISOPROPYLTOLUENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	SEC-BUTYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	STYRENE	31.23	8970	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TERT-BUTYLBENZENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TOLUENE	27.66	5570	ND	U	0.0012	ND	U	0.000702	0.0108		0.000618	0.0104		0.000403	0.00307		0.000494	0.00198	J	0.000531	0.00907		0.000627
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	VINYL ACETATE	1.525	3646	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.0012	ND	U	0.000702	ND	U	0.000618	ND	U	0.000403	ND	U	0.000494	ND	U	0.000531	ND	U	0.000627

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0053			SB0054			SB0055			SB0056			SB0057			SB0058			SB0059		
			SAMPLE_DATE	2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			22-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	1,3-DICHLOROBENZENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.334	ND	U	0.336	ND	U	0.342	ND	U	0.336	ND	U	0.345	ND	U	0.346	ND	U	0.382
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.334	ND	U	0.336	ND	U	0.342	ND	U	0.336	ND	U	0.345	ND	U	0.346	ND	U	0.382
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	2,6-DICHLOROPHENOL			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2,6-DINITROTOLUENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2-CHLORONAPHTHALENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2-METHYLPHENOL			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	2-NITROANILINE			ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	2-NITROPHENOL			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	3,3'-DICHLOROBENZIDINE			ND	U	0.337	ND	U	0.339	ND	U	0.345	ND	U	0.339	ND	U	0.348	ND	U	0.35	ND	U	0.386
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	3-NITROANILINE			ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.334	ND	U	0.336	ND	U	0.342	ND	U	0.336	ND	U	0.345	ND	U	0.346	ND	U	0.382
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	4-CHLOROANILINE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	4-NITROANILINE			ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	4-NITROPHENOL			ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	BENZENAMINE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BIS(2-ETHYLHEXYL)PHTHALATE			0.386		0.0337	0.0452	J	0.0339	0.251	J	0.0345	0.278	J	0.0339	0.0418	J	0.0348	0.0366	J	0.035	ND	U	0.0386
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	CARBAZOLE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	DIBENZOFURAN			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	0.015	J	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	ISOPHORONE	3.69	5119	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	NITROBENZENE	0.13727	49.41	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0674	ND	U	0.068	ND	U	0.0691	ND	U	0.0679	ND	U	0.0696	ND	U	0.07	ND	U	0.0773
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194
	PHENOL	126	18331	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	PYRIDINE			ND	U	0.169	ND	U	0.17	ND	U	0.173	ND	U	0.17	ND	U	0.174	ND	U	0.175	ND	U	0.194

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106111			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0053			SB0054			SB0055			SB0056			SB0057			SB0058			SB0059		
			SAMPLE_DATE	2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			22-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			351-400 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	ACENAPHTHENE	409.91	3441	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	ACENAPHTHYLENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	ANTHRACENE	6739	17203	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	CHRYSENE	652.34	621.36	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.017	ND	U	0.0173	ND	U	0.017	ND	U	0.0174	ND	U	0.0175	ND	U	0.0194
	FLUORENE	499.58	2294	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	NAPHTHALENE	0.08389	44.95	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	PHENANTHRENE	1669	1833	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
	PYRENE	2238	1720	ND	U	0.0337	ND	U	0.0339	ND	U	0.0345	ND	U	0.0339	ND	U	0.0348	ND	U	0.035	ND	U	0.0386
Metals (mg/Kg), Method 6010	LEAD		400	4.27		0.24	2.42		0.24	3.41		0.25	3.16		0.24	3.32		0.25	4.71		0.26	7.44		0.28

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0060			SB0061			SB0062			SB0063			SB0065			SB0066			SB0067		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			41-50 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.29	16.9		2.17	2.98	J	2.13	2.47	J	2.11	2.65	J	2.03	ND	U	2.08	5.91		2.66
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.53	ND	U	2.61	ND	U	2.28	ND	U	2.45	ND	U	3.24	ND	U	2.46	ND	U	2.67
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,1-DICHLOROPROPENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2,3-TRICHLOROBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00289	ND	U	0.0023	ND	U	0.00217	ND	U	0.00261	ND	U	0.00149	ND	U	0.00177	ND	U	0.00319
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00289	ND	U	0.0023	ND	U	0.00217	ND	U	0.00261	ND	U	0.00149	ND	U	0.00177	ND	U	0.00319
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,3-DICHLOROBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,3-DICHLOROPROPANE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	1-CHLOROHEXANE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	2,2-DICHLOROPROPANE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	2-BUTANONE			0.0128		0.00289	0.0163		0.0023	0.00582		0.00217	0.00477	J	0.00261	ND	U	0.00149	ND	U	0.00177	0.00568	J	0.00319
	2-CHLOROTOLUENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	2-HEXANONE			ND	U	0.00289	ND	U	0.0023	ND	U	0.00217	ND	U	0.00261	ND	U	0.00149	ND	U	0.00177	ND	U	0.00319
	2-PROPENAL	0.00015	0.64556	ND	R	0.00723	ND	R	0.00575	ND	R	0.00542	ND	R	0.00652	ND	R	0.00372	ND	R	0.00442	ND	R	0.00798
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00289	ND	R	0.0023	ND	R	0.00217	ND	R	0.00261	ND	R	0.00149	ND	R	0.00177	ND	R	0.00319
	4-CHLOROTOLUENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	ACETONE	76.89	67456	0.0402		0.00289	0.0449		0.0023	0.0199		0.00217	0.0184		0.00261	0.00369	J	0.00149	0.0225		0.00177	0.0424		0.00319
	BENZENE	0.03696	15.49	0.00319		0.000723	ND	U	0.000575	0.000373	J	0.000542	0.000462	J	0.000652	0.000164	J	0.000372	0.000163	J	0.000442	0.0292		0.000798
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00217	ND	U	0.00172	ND	U	0.00163	ND	U	0.00195	ND	U	0.00112	ND	U	0.00133	0.00224	J	0.00239
	BROMOBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	BROMOCHLOROMETHANE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	BROMOFORM			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	BROMOMETHANE	0.03877	22.35	ND	U	0.00289	ND	U	0.0023	ND	U	0.00217	ND	U	0.00261	ND	U	0.00149	ND	U	0.00177	ND	U	0.00319
	CARBON DISULFIDE	5.041	1935	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	CHLOROBENZENE	1.077	508	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	CHLOROETHANE	108.43	43576	ND	U	0.000723	ND	U	0.000575	ND	UJ	0.000542	ND	UJ	0.000652	ND	UJ	0.000372	ND	UJ	0.000442	ND	UJ	0.000798
	CHLOROFORM	0.00936	5.718	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00289	ND	U	0.0023	ND	U	0.00217	ND	U	0.00261	ND	U	0.00149	ND	U	0.00177	ND	U	0.00319
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	DIBROMOMETHANE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000723	ND	U	0.000575	ND	UJ	0.000542	ND	UJ	0.000652	ND	UJ	0.000372	ND	UJ	0.000442	ND	UJ	0.000798
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	0.00235	J	0.000798
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	ISOPROPYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	M,P-XYLENES			ND	U	0.00145	ND	U	0.00115	ND	U	0.00108	ND	U	0.0013	ND	U	0.000744	ND	U	0.000885	0.00224	J	0.0016
	METHYL TERT-BUTYL ETHER			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	NAPHTHALENE	0.08389	44.95	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	N-BUTYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	N-PROPYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	O-XYLENE	24.68	9548	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	P-ISOPROPYLTOLUENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	SEC-BUTYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	STYRENE	31.23	8970	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TERT-BUTYLBENZENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TOLUENE	27.66	5570	0.0041		0.000723	0.0013	J	0.000575	0.000778	J	0.000542	0.000875	J	0.000652	0.000288	J	0.000372	0.00024	J	0.000442	0.105		0.000798
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	VINYL ACETATE	1.525	3646	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000723	ND	U	0.000575	ND	U	0.000542	ND	U	0.000652	ND	U	0.000372	ND	U	0.000442	ND	U	0.000798

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0060			SB0061			SB0062			SB0063			SB0065			SB0066			SB0067		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			41-50 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	1,3-DICHLOROBENZENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.377	ND	U	0.359	ND	U	0.348	ND	U	0.352	ND	U	0.329	ND	U	0.344	ND	U	0.436
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.377	ND	U	0.359	ND	U	0.348	ND	U	0.352	ND	U	0.329	ND	U	0.344	ND	U	0.436
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	2,6-DICHLOROPHENOL			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2,6-DINITROTOLUENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2-CHLORONAPHTHALENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2-METHYLPHENOL			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	2-NITROANILINE			ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	2-NITROPHENOL			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	3,3'-DICHLOROBENZIDINE			ND	U	0.381	ND	U	0.362	ND	U	0.351	ND	U	0.355	ND	U	0.332	ND	U	0.347	ND	U	0.44
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	3-NITROANILINE			ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.377	ND	U	0.359	ND	U	0.348	ND	U	0.352	ND	U	0.329	ND	U	0.344	ND	U	0.436
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	4-CHLOROANILINE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	4-NITROANILINE			ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	4-NITROPHENOL			ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	BENZENAMINE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0381	0.0697	J	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	0.0652	J	0.044
	BUTYL BENZYL PHTHALATE			ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	CARBAZOLE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	DIBENZOFURAN			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	DI-N-BUTYL PHTHALATE			ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	DI-N-OCTYL PHTHALATE			ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	ISOPHORONE	3.69	5119	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	NITROBENZENE	0.13727	49.41	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0762	ND	U	0.0725	ND	U	0.0704	ND	U	0.071	ND	U	0.0665	ND	U	0.0695	ND	U	0.0881
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22
	PHENOL	126	18331	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	PYRIDINE			ND	U	0.191	ND	U	0.182	ND	U	0.176	ND	U	0.178	ND	U	0.167	ND	U	0.174	ND	U	0.22

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112		
			SAMPLE_NO	SB0060			SB0061			SB0062			SB0063			SB0065			SB0066			SB0067		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	21-30 FT			31-40 FT			41-50 FT			41-50 FT			101-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	ACENAPHTHENE	409.91	3441	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	ACENAPHTHYLENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	ANTHRACENE	6739	17203	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	BENZO(GHI)PERYLENE			ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	CHRYSENE	652.34	621.36	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	FLUORANTHENE	3108	2294	ND	U	0.0191	ND	U	0.0182	ND	U	0.0176	ND	U	0.0178	ND	U	0.0167	ND	U	0.0174	ND	U	0.022
	FLUORENE	499.58	2294	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	NAPHTHALENE	0.08389	44.95	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	PHENANTHRENE	1669	1833	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
	PYRENE	2238	1720	ND	U	0.0381	ND	U	0.0362	ND	U	0.0351	ND	U	0.0355	ND	U	0.0332	ND	U	0.0347	ND	U	0.044
Metals (mg/Kg), Method 6010	LEAD		400	7.57		0.27	5.55		0.26	3.83		0.26	4.89		0.25	2.22		0.24	4.15		0.25	8.63		0.32

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106113		
			SAMPLE_NO	SB0068			SB0069			SB0064			SB0070			SB1742			SB0071			SB0072		
			SAMPLE_DATE	23-Feb-11			23-Feb-11			23-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			18-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			51-100 FT			351-400 FT			351-400 FT			401-450 FT			10-13 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2	ND	U	2.08	ND	U	2.09	15.9		2.04	23.4		2.02	1.66	J	2.28	6.99		2.17
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.13	ND	U	2.26	ND	U	2.95	ND	U	2.6	ND	U	2.39	1.55	J	4.42	ND	U	2.6
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.00299
	1,1-DICHLOROPROPENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2,3-TRICHLOROBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.00299
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.000747
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,3-DICHLOROBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,3-DICHLOROPROPANE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	1-CHLOROHEXANE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	2,2-DICHLOROPROPANE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.00299
	2-BUTANONE			0.00268	J	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.00299
	2-CHLOROTOLUENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	2-HEXANONE			ND	U	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.000747
	2-PROPENAL	0.00015	0.64556	ND	R	0.00515	ND	R	0.00585	ND	R	0.00668	ND	R	0.00666	ND	R	0.00628	ND	R	0.27	ND	R	0.00299
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00206	ND	R	0.00234	ND	R	0.00267	ND	R	0.00267	ND	R	0.00251	ND	R	0.108	ND	R	0.00299
	4-CHLOROTOLUENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	ACETONE	76.89	67456	0.0174		0.00206	0.0036	J	0.00234	0.00703		0.00267	0.00642	J	0.00267	0.0077		0.00251	ND	U	0.108	0.0154	J	0.00299
	BENZENE	0.03696	15.49	0.00674		0.000515	0.0252		0.000585	0.000423	J	0.000668	0.0182		0.000666	0.0247		0.000628	**0.645**		0.027	0.00191	J	0.000747
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00154	0.00194	J	0.00176	ND	U	0.00201	0.00206	J	0.002	0.0032	J	0.00188	0.122	J	0.0811	ND	U	0.00224
	BROMOBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	BROMOCHLOROMETHANE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	BROMOFORM			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	BROMOMETHANE	0.03877	22.35	ND	U	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.00299
	CARBON DISULFIDE	5.041	1935	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	CHLOROBENZENE	1.077	508	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	CHLOROETHANE	108.43	43576	ND	UJ	0.000515	ND	UJ	0.000585	ND	UJ	0.000668	ND	UJ	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.00299
	CHLOROFORM	0.00936	5.718	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00206	ND	U	0.00234	ND	U	0.00267	ND	U	0.00267	ND	U	0.00251	ND	U	0.108	ND	U	0.00299
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	DIBROMOMETHANE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000515	ND	UJ	0.000585	ND	UJ	0.000668	ND	UJ	0.000666	ND	UJ	0.000628	ND	U	0.027	ND	U	0.000747
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000515	0.00132	J	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	0.0776	J	0.027	ND	U	0.000747
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	ISOPROPYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	M,P-XYLENES			ND	U	0.00103	0.00194	J	0.00117	ND	U	0.00134	0.00206	J	0.00133	0.0032	J	0.00126	0.122	J	0.0541	ND	U	0.00149
	METHYL TERT-BUTYL ETHER			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	NAPHTHALENE	0.08389	44.95	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.00299
	N-BUTYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	N-PROPYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	O-XYLENE	24.68	9548	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	P-ISOPROPYLTOLUENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	SEC-BUTYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	STYRENE	31.23	8970	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TERT-BUTYLBENZENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TOLUENE	27.66	5570	0.0125		0.000515	0.0414		0.000585	0.000821	J	0.000668	0.0239		0.000666	0.0336		0.000628	1.32		0.027	0.00299	J	0.000747
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	VINYL ACETATE	1.525	3646	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000515	ND	U	0.000585	ND	U	0.000668	ND	U	0.000666	ND	U	0.000628	ND	U	0.027	ND	U	0.000747

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106113		
			SAMPLE_NO	SB0068			SB0069			SB0064			SB0070			SB1742			SB0071			SB0072		
			SAMPLE_DATE	23-Feb-11			23-Feb-11			23-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			18-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			51-100 FT			351-400 FT			351-400 FT			401-450 FT			10-13 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	1,3-DICHLOROBENZENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.182
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.335	ND	U	0.34	ND	U	0.344	ND	U	0.336	ND	U	0.335	ND	U	0.376	ND	U	0.182
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.335	ND	U	0.34	ND	U	0.344	ND	U	0.336	ND	U	0.335	ND	U	0.376	ND	U	0.362
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	2,6-DICHLOROPHENOL			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2,6-DINITROTOLUENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2-CHLORONAPHTHALENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2-METHYLPHENOL			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	2-NITROANILINE			ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	2-NITROPHENOL			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	3,3'-DICHLOROBENZIDINE			ND	U	0.338	ND	U	0.343	ND	U	0.347	ND	U	0.339	ND	U	0.338	ND	U	0.379	ND	U	0.362
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.182
	3-NITROANILINE			ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.335	ND	U	0.34	ND	U	0.344	ND	U	0.336	ND	U	0.335	ND	U	0.376	ND	U	0.0362
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	4-CHLOROANILINE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.182
	4-NITROANILINE			ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.182
	4-NITROPHENOL			ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.182
	BENZENAMINE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	0.202	J	0.0339	0.283	J	0.0338	ND	U	0.0379	0.0663	J	0.0362
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	CARBAZOLE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	DIBENZOFURAN			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0362
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.182
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.182
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.182
	ISOPHORONE	3.69	5119	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	NITROBENZENE	0.13727	49.41	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0676	ND	U	0.0688	ND	U	0.0696	ND	U	0.0679	ND	U	0.0677	ND	U	0.076	ND	U	0.0362
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	0.0111	J	0.0338	ND	U	0.0379	ND	U	0.0362
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.0362
	PHENOL	126	18331	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	PYRIDINE			ND	U	0.169	ND	U	0.172	ND	U	0.174	ND	U	0.17	ND	U	0.169	ND	U	0.19	ND	U	0.0362

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106112			KAFB-106113		
			SAMPLE_NO	SB0068			SB0069			SB0064			SB0070			SB1742			SB0071			SB0072		
			SAMPLE_DATE	23-Feb-11			23-Feb-11			23-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			18-Jan-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	251-300 FT			301-350 FT			51-100 FT			351-400 FT			351-400 FT			401-450 FT			10-13 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	ACENAPHTHENE	409.91	3441	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	ACENAPHTHYLENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	ANTHRACENE	6739	17203	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	CHRYSENE	652.34	621.36	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0172	ND	U	0.0174	ND	U	0.017	ND	U	0.0169	ND	U	0.019	ND	U	0.0182
	FLUORENE	499.58	2294	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	NAPHTHALENE	0.08389	44.95	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	PHENANTHRENE	1669	1833	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.0362
	PYRENE	2238	1720	ND	U	0.0338	ND	U	0.0343	ND	U	0.0347	ND	U	0.0339	ND	U	0.0338	ND	U	0.0379	ND	U	0.182
Metals (mg/Kg), Method 6010	LEAD		400	2.19		0.24	2.5		0.25	6.43		0.25	2.07		0.25	2.24		0.24	3.43		0.27	4.92		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113		
			SAMPLE_NO	SB0080			SB0073			SB0074			SB0077			SB0075			SB0076			SB0078		
			SAMPLE_DATE	18-Jan-11			18-Jan-11			18-Jan-11			19-Jan-11			19-Jan-11			19-Jan-11			21-Jan-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	10-13 FT			20-23 FT			30-31 FT			100-103 FT			40-41 FT			50-52 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			11.3		2.18	91.7		4.21	9.72		2.2	32.6		2.11	7.59		2.19	439		21.9	38.2	J-	2.25
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.39	ND	U	1.82	ND	U	2.46	ND	U	2.69	ND	U	2.82	ND	U	2.68	ND	U	2.44
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	1,1-DICHLOROPROPENE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2,3-TRICHLOROBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00249	ND	U	0.00183	ND	UJ	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,3-DICHLOROBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,3-DICHLOROPROPANE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	1-CHLOROHEXANE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	2,2-DICHLOROPROPANE			ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	UJ	0.00245
	2-BUTANONE			ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	2-CHLOROTOLUENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	2-HEXANONE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	2-PROPENAL	0.00015	0.64556	ND	R	0.00249	ND	R	0.00183	ND	R	0.0025	ND	R	0.00266	ND	R	0.00213	ND	R	0.00272	ND	R	0.00245
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00249	ND	R	0.00183	ND	R	0.0025	ND	R	0.00266	ND	R	0.00213	ND	R	0.00272	ND	R	0.00245
	4-CHLOROTOLUENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	ACETONE	76.89	67456	0.00748	J	0.00249	0.0102		0.00183	0.015		0.0025	0.0145		0.00266	0.00915		0.00213	0.0126		0.00272	0.00382	J	0.00245
	BENZENE	0.03696	15.49	0.000691	J	0.000623	0.000571	J	0.000458	ND	U	0.000625	ND	U	0.000665	0.000371	J	0.000533	ND	U	0.000679	ND	U	0.000613
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00187	ND	U	0.00138	ND	U	0.00188	ND	U	0.002	ND	U	0.0016	ND	U	0.00204	ND	U	0.00184
	BROMOBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	BROMOCHLOROMETHANE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	BROMOFORM			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	BROMOMETHANE	0.03877	22.35	ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	CARBON DISULFIDE	5.041	1935	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	CHLOROBENZENE	1.077	508	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	CHLOROETHANE	108.43	43576	ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	CHLOROFORM	0.00936	5.718	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00249	ND	U	0.00183	ND	U	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	DIBROMOMETHANE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	ISOPROPYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	M,P-XYLENES			ND	U	0.00125	ND	U	0.000917	ND	U	0.00125	ND	U	0.00133	ND	U	0.00107	ND	U	0.00136	ND	U	0.00123
	METHYL TERT-BUTYL ETHER			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	NAPHTHALENE	0.08389	44.95	ND	U	0.00249	ND	U	0.00183	ND	UJ	0.0025	ND	U	0.00266	ND	U	0.00213	ND	U	0.00272	ND	U	0.00245
	N-BUTYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	N-PROPYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	O-XYLENE	24.68	9548	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	P-ISOPROPYLTOLUENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	SEC-BUTYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	STYRENE	31.23	8970	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TERT-BUTYLBENZENE			ND	U	0.000623	ND	U	0.000458	ND	UJ	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TOLUENE	27.66	5570	0.00108	J	0.000623	0.00105	J	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	0.00145	J	0.000613
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	VINYL ACETATE	1.525	3646	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000623	ND	U	0.000458	ND	U	0.000625	ND	U	0.000665	ND	U	0.000533	ND	U	0.000679	ND	U	0.000613

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113		
			SAMPLE_NO	SB0080			SB0073			SB0074			SB0077			SB0075			SB0076			SB0078		
			SAMPLE_DATE	18-Jan-11			18-Jan-11			18-Jan-11			19-Jan-11			19-Jan-11			19-Jan-11			21-Jan-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	10-13 FT			20-23 FT			30-31 FT			100-103 FT			40-41 FT			50-52 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	1,3-DICHLOROBENZENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.361	ND	U	0.352	ND	U	0.362	ND	U	0.35	ND	U	0.367	ND	U	0.367	ND	U	0.377
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2,6-DICHLOROPHENOL			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2,6-DINITROTOLUENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2-CHLORONAPHTHALENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2-METHYLPHENOL			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	2-NITROANILINE			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	2-NITROPHENOL			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	3,3'-DICHLOROBENZIDINE			ND	U	0.361	ND	U	0.352	ND	U	0.362	ND	U	0.35	ND	U	0.367	ND	U	0.367	ND	U	0.377
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	3-NITROANILINE			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	4-CHLOROANILINE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	4-NITROANILINE			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	4-NITROPHENOL			ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	BENZENAMINE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BIS(2-ETHYLHEXYL)PHTHALATE			0.113	J	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	0.277	J	0.0367	0.0565	J	0.0377
	BUTYL BENZYL PHTHALATE			0.0125	J	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	CARBAZOLE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	DIBENZOFURAN			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	0.0126	J	0.0184	ND	U	0.0189
	DI-N-OCTYL PHTHALATE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
	ISOPHORONE	3.69	5119	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	NITROBENZENE	0.13727	49.41	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PHENOL	126	18331	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PYRIDINE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113		
			SAMPLE_NO	SB0080			SB0073			SB0074			SB0077			SB0075			SB0076			SB0078		
			SAMPLE_DATE	18-Jan-11			18-Jan-11			18-Jan-11			19-Jan-11			19-Jan-11			19-Jan-11			21-Jan-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	10-13 FT			20-23 FT			30-31 FT			100-103 FT			40-41 FT			50-52 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	ACENAPHTHENE	409.91	3441	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	ACENAPHTHYLENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	ANTHRACENE	6739	17203	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	CHRYSENE	652.34	621.36	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0176	ND	U	0.0181	ND	U	0.0175	ND	U	0.0184	ND	U	0.0184	ND	U	0.0189
	FLUORENE	499.58	2294	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	NAPHTHALENE	0.08389	44.95	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PHENANTHRENE	1669	1833	ND	U	0.0361	ND	U	0.0352	ND	U	0.0362	ND	U	0.035	ND	U	0.0367	ND	U	0.0367	ND	U	0.0377
	PYRENE	2238	1720	ND	U	0.181	ND	U	0.176	ND	U	0.181	ND	U	0.175	ND	U	0.184	ND	U	0.184	ND	U	0.189
Metals (mg/Kg), Method 6010	LEAD		400	5.08	J	0.26	6.23		0.26	7.3		0.26	3.9		0.25	6.48		0.26	6.81		0.27	9.04	J-	0.27

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106114		
			SAMPLE_NO	SB0079			SB0081			SB0082			SB0083			SB0084			SB0085			SB0086		
			SAMPLE_DATE	21-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			5-Feb-11			5-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			201-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			1.69	J	2.04	113		5.4	89.8		4.06	22.1		2.04	23.2		2.03	27.6		2.04	5.08		2.21
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.95	ND	U	4.3	ND	U	2.43	ND	U	2.25	ND	U	2.64	ND	U	2.85	ND	U	2.47
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.000652
	1,1-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2,3-TRICHLOROBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.00261
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.00261
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,3-DICHLOROBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,3-DICHLOROPROPANE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	1-CHLOROHEXANE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	2,2-DICHLOROPROPANE			ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.000652
	2-BUTANONE			ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	R	0.0017	ND	R	0.00171	ND	U	0.00261
	2-CHLOROTOLUENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	2-HEXANONE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.00261
	2-PROPENAL	0.00015	0.64556	ND	R	0.00225	ND	R	0.00399	ND	R	0.00218	ND	R	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.00652
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00225	ND	R	0.00399	ND	R	0.00218	ND	R	0.00235	ND	R	0.0017	ND	R	0.00171	ND	U	0.00261
	4-CHLOROTOLUENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	ACETONE	76.89	67456	ND	U	0.00225	0.0138		0.00399	0.00193	J	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	0.00496	J	0.00261
	BENZENE	0.03696	15.49	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	0.000722	J	0.000425	0.00112	J	0.000428	ND	U	0.000652
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00169	ND	U	0.00299	ND	U	0.00164	ND	U	0.00177	ND	U	0.00128	ND	U	0.00128	ND	U	0.00196
	BROMOBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	BROMOCHLOROMETHANE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	BROMOFORM			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	BROMOMETHANE	0.03877	22.35	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.00261
	CARBON DISULFIDE	5.041	1935	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	CHLOROBENZENE	1.077	508	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	CHLOROETHANE	108.43	43576	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.000652
	CHLOROFORM	0.00936	5.718	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.00261
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	DIBROMOMETHANE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	ISOPROPYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	M,P-XYLENES			ND	U	0.00113	ND	U	0.00199	ND	U	0.00109	ND	U	0.00118	ND	U	0.00085	ND	U	0.000856	ND	U	0.0013
	METHYL TERT-BUTYL ETHER			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	NAPHTHALENE	0.08389	44.95	ND	U	0.00225	ND	U	0.00399	ND	U	0.00218	ND	U	0.00235	ND	U	0.0017	ND	U	0.00171	ND	U	0.000652
	N-BUTYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	N-PROPYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	O-XYLENE	24.68	9548	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	P-ISOPROPYLTOLUENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	SEC-BUTYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	STYRENE	31.23	8970	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TERT-BUTYLBENZENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TOLUENE	27.66	5570	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	0.0014	J	0.000425	0.00135	J	0.000428	ND	U	0.000652
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	VINYL ACETATE	1.525	3646	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000564	ND	U	0.000996	ND	U	0.000546	ND	U	0.000588	ND	U	0.000425	ND	U	0.000428	ND	U	0.000652

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106114		
			SAMPLE_NO	SB0079			SB0081			SB0082			SB0083			SB0084			SB0085			SB0086		
			SAMPLE_DATE	21-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			5-Feb-11			5-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			201-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	1,3-DICHLOROBENZENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.182
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.359
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.339	ND	U	0.447	ND	U	0.334	ND	U	0.341	ND	U	0.334	ND	U	0.34	ND	U	0.359
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	2,6-DICHLOROPHENOL			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2,6-DINITROTOLUENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2-CHLORONAPHTHALENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2-METHYLPHENOL			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	2-NITROANILINE			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	2-NITROPHENOL			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	3,3'-DICHLOROBENZIDINE			ND	U	0.339	ND	U	0.447	ND	U	0.334	ND	U	0.341	ND	U	0.334	ND	U	0.34	ND	U	0.362
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.182
	3-NITROANILINE			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.359
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	4-CHLOROANILINE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0362
	4-NITROANILINE			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.182
	4-NITROPHENOL			ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.182
	BENZENAMINE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0189	J	0.0339	1.8		0.0447	0.45		0.0334	0.228	J	0.0341	0.105	J	0.0334	0.202	J	0.034	0.0339	J	0.0362
	BUTYL BENZYL PHTHALATE			ND	U	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	CARBAZOLE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	DIBENZOFURAN			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	DI-N-BUTYL PHTHALATE			ND	U	0.017	0.0193	J	0.0224	0.0101	J	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	DI-N-OCTYL PHTHALATE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0182
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0726
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.182
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0362
	ISOPHORONE	3.69	5119	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	NITROBENZENE	0.13727	49.41	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0726
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.182
	PHENOL	126	18331	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	PYRIDINE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.182

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106113			KAFB-106114		
			SAMPLE_NO	SB0079			SB0081			SB0082			SB0083			SB0084			SB0085			SB0086		
			SAMPLE_DATE	21-Jan-11			22-Jan-11			23-Jan-11			23-Jan-11			5-Feb-11			5-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			201-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	ACENAPHTHENE	409.91	3441	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	ACENAPHTHYLENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	ANTHRACENE	6739	17203	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	BENZO(GHI)PERYLENE			0.014	J	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	CHRYSENE	652.34	621.36	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	FLUORANTHENE	3108	2294	ND	U	0.017	ND	U	0.0224	ND	U	0.0167	ND	U	0.0171	ND	U	0.0168	ND	U	0.0171	ND	U	0.0182
	FLUORENE	499.58	2294	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	NAPHTHALENE	0.08389	44.95	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	PHENANTHRENE	1669	1833	ND	U	0.0339	ND	U	0.0447	ND	U	0.0334	ND	U	0.0341	ND	U	0.0334	ND	U	0.034	ND	U	0.0362
	PYRENE	2238	1720	ND	U	0.17	ND	U	0.224	ND	U	0.167	ND	U	0.171	ND	U	0.168	ND	U	0.171	ND	U	0.0362
Metals (mg/Kg), Method 6010	LEAD		400	2.97	J	0.25	20.9		0.32	2.46		0.24	3.25		0.25	2.77		0.24	2.36		0.24	5.22		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0087			SB0088			SB0089			SB0090			SB0091			SB0092			SB0093		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.74	J	2.15	1.97	J	2.17	ND	U	2.2	ND	U	2.18	1.94	J	2.2	ND	U	2.19	8.25		2.19
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.91	ND	U	2.03	ND	U	2.71	ND	U	1.92	ND	U	2.12	ND	U	1.89	ND	U	2.3
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,1-DICHLOROPROPENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2,3-TRICHLOROBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	U	0.00229
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	U	0.00229
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,3-DICHLOROBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,3-DICHLOROPROPANE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	1-CHLOROHEXANE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	2,2-DICHLOROPROPANE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	2-BUTANONE			ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	0.00641		0.00229
	2-CHLOROTOLUENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	2-HEXANONE			ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	U	0.00229
	2-PROPENAL	0.00015	0.64556	ND	U	0.00589	ND	U	0.00624	ND	U	0.00677	ND	U	0.00493	ND	U	0.00561	ND	U	0.00584	ND	R	0.00572
	2-PROPENENITRILE	0.00164	5.97	ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	R	0.00229
	4-CHLOROTOLUENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	ACETONE	76.89	67456	0.0105		0.00236	0.00656		0.0025	0.00686		0.00271	ND	U	0.00197	0.00569		0.00224	0.00448	J	0.00234	0.0151		0.00229
	BENZENE	0.03696	15.49	ND	U	0.000589	0.00287		0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00177	0.00277	J	0.00187	0.00216	J	0.00203	ND	U	0.00148	ND	U	0.00168	ND	U	0.00175	ND	U	0.00172
	BROMOBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	BROMOCHLOROMETHANE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	BROMOFORM			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	BROMOMETHANE	0.03877	22.35	ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	U	0.00229
	CARBON DISULFIDE	5.041	1935	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CHLOROBENZENE	1.077	508	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CHLOROETHANE	108.43	43576	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CHLOROFORM	0.00936	5.718	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00236	ND	U	0.0025	ND	U	0.00271	ND	U	0.00197	ND	U	0.00224	ND	U	0.00234	ND	U	0.00229
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	DIBROMOMETHANE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000589	ND	U	0.000624	0.00103	J	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	ISOPROPYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	M,P-XYLENES			ND	U	0.00118	0.00277	J	0.00125	0.00216	J	0.00135	ND	U	0.000987	ND	U	0.00112	ND	U	0.00117	ND	U	0.00114
	METHYL TERT-BUTYL ETHER			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	NAPHTHALENE	0.08389	44.95	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	N-BUTYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	N-PROPYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	O-XYLENE	24.68	9548	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	P-ISOPROPYLTOLUENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	SEC-BUTYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	STYRENE	31.23	8970	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TERT-BUTYLBENZENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TOLUENE	27.66	5570	0.000568	J	0.000589	0.0028		0.000624	0.00179	J	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	0.00137	J	0.000572
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	VINYL ACETATE	1.525	3646	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000589	ND	U	0.000624	ND	U	0.000677	ND	U	0.000493	ND	U	0.000561	ND	U	0.000584	ND	U	0.000572

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0087			SB0088			SB0089			SB0090			SB0091			SB0092			SB0093		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	1,3-DICHLOROBENZENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.357	ND	U	0.363	ND	U	0.364	ND	U	0.361	ND	U	0.364	ND	U	0.365	ND	U	0.366
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.357	ND	U	0.363	ND	U	0.364	ND	U	0.361	ND	U	0.364	ND	U	0.365	ND	U	0.366
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	2,6-DICHLOROPHENOL			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2,6-DINITROTOLUENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2-CHLORONAPHTHALENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2-METHYLPHENOL			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	2-NITROANILINE			ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	2-NITROPHENOL			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	3,3'-DICHLOROBENZIDINE			ND	U	0.36	ND	U	0.367	ND	U	0.367	ND	U	0.365	ND	U	0.367	ND	U	0.368	ND	U	0.369
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	3-NITROANILINE			ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.357	ND	U	0.363	ND	U	0.364	ND	U	0.361	ND	U	0.364	ND	U	0.365	ND	U	0.366
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	4-CHLORO-3-METHYLPHENOL			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	4-CHLOROANILINE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	4-NITROANILINE			ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	4-NITROPHENOL			ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	BENZENAMINE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	0.0605	J	0.0369
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	CARBAZOLE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	DIBENZOFURAN			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	DI-N-OCTYL PHTHALATE			ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	ISOPHORONE	3.69	5119	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	NITROBENZENE	0.13727	49.41	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0722	ND	U	0.0734	ND	U	0.0735	ND	U	0.0731	ND	U	0.0735	ND	U	0.0737	ND	U	0.0739
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185
	PHENOL	126	18331	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	PYRIDINE			ND	U	0.181	ND	U	0.184	ND	U	0.184	ND	U	0.183	ND	U	0.184	ND	U	0.185	ND	U	0.185

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0087			SB0088			SB0089			SB0090			SB0091			SB0092			SB0093		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			21-Feb-11			22-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	11-20 FT			21-30 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT			100-150 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	ACENAPHTHENE	409.91	3441	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	ACENAPHTHYLENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	ANTHRACENE	6739	17203	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	CHRYSENE	652.34	621.36	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0184	ND	U	0.0184	ND	U	0.0183	ND	U	0.0184	ND	U	0.0185	ND	U	0.0185
	FLUORENE	499.58	2294	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	INDENO(1,2,3-CD)PYRENE			ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	NAPHTHALENE	0.08389	44.95	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	PHENANTHRENE	1669	1833	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
	PYRENE	2238	1720	ND	U	0.036	ND	U	0.0367	ND	U	0.0367	ND	U	0.0365	ND	U	0.0367	ND	U	0.0368	ND	U	0.0369
Metals (mg/Kg), Method 6010	LEAD		400	5.2		0.26	7.3		0.26	6.44		0.27	5.03		0.26	4.63		0.26	7.36		0.27	3.99		0.27

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0094			SB0095			SB0096			SB1743			SB0097			SB0098			SB0099		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			200-250 FT			250-300 FT			250-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			15.9	J+	2.13	4.55	J	2.58	54		1.98	39.8		2.02	3.46	J	2.04	11.6		2.02	6.19		2.04
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.21	ND	U	3.22	ND	U	2.51	ND	U	3.72	ND	U	1.99	ND	U	2.11	ND	U	2.16
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,1-DICHLOROPROPENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2,3-TRICHLOROBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00232	ND	U	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	ND	U	0.00212
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00232	ND	U	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	ND	U	0.00212
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,3-DICHLOROBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,3-DICHLOROPROPANE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	1-CHLOROHEXANE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	2,2-DICHLOROPROPANE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	2-BUTANONE			ND	U	0.00232	0.00376	J	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	0.0202		0.00212
	2-CHLOROTOLUENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	2-HEXANONE			ND	U	0.00232	ND	U	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	ND	U	0.00212
	2-PROPENAL	0.00015	0.64556	ND	R	0.00581	ND	R	0.00717	ND	R	0.013	ND	R	0.00674	ND	R	0.00557	ND	R	0.00515	ND	R	0.00529
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00232	ND	R	0.00287	ND	R	0.00518	ND	R	0.0027	ND	R	0.00223	ND	R	0.00206	ND	R	0.00212
	4-CHLOROTOLUENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	ACETONE	76.89	67456	0.00584		0.00232	0.0102		0.00287	0.0296	J	0.00518	0.0176	J	0.0027	0.00296	J	0.00223	0.00524		0.00206	0.0776		0.00212
	BENZENE	0.03696	15.49	0.000174	J	0.000581	0.00149	J	0.000717	0.0013	J	0.0013	0.00142	J	0.000674	0.0024		0.000557	0.011		0.000515	0.00401		0.000529
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00174	0.00146	J	0.00215	ND	U	0.00389	ND	U	0.00202	ND	U	0.00167	ND	U	0.00155	ND	U	0.00159
	BROMOBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	BROMOCHLOROMETHANE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	BROMOFORM			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	BROMOMETHANE	0.03877	22.35	ND	U	0.00232	ND	U	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	ND	U	0.00212
	CARBON DISULFIDE	5.041	1935	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	CHLOROBENZENE	1.077	508	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	CHLOROETHANE	108.43	43576	ND	UJ	0.000581	ND	UJ	0.000717	ND	UJ	0.0013	ND	UJ	0.000674	ND	UJ	0.000557	ND	UJ	0.000515	ND	UJ	0.000529
	CHLOROFORM	0.00936	5.718	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00232	ND	U	0.00287	ND	U	0.00518	ND	U	0.0027	ND	U	0.00223	ND	U	0.00206	ND	U	0.00212
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	DIBROMOMETHANE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000581	ND	UJ	0.000717	ND	UJ	0.0013	ND	UJ	0.000674	ND	UJ	0.000557	ND	UJ	0.000515	ND	UJ	0.000529
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000581	0.00302		0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	ISOPROPYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	M,P-XYLENES			ND	U	0.00116	0.00146	J	0.00143	ND	U	0.00259	ND	U	0.00135	ND	U	0.00111	ND	U	0.00103	ND	U	0.00106
	METHYL TERT-BUTYL ETHER			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	NAPHTHALENE	0.08389	44.95	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	N-BUTYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	N-PROPYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	O-XYLENE	24.68	9548	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	P-ISOPROPYLTOLUENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	SEC-BUTYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	STYRENE	31.23	8970	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TERT-BUTYLBENZENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TOLUENE	27.66	5570	0.0005	J	0.000581	0.00331		0.000717	0.000978	J	0.0013	0.000486	J	0.000674	0.00224		0.000557	0.0168		0.000515	0.00687		0.000529
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	VINYL ACETATE	1.525	3646	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000581	ND	U	0.000717	ND	U	0.0013	ND	U	0.000674	ND	U	0.000557	ND	U	0.000515	ND	U	0.000529

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0094			SB0095			SB0096			SB1743			SB0097			SB0098			SB0099		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			200-250 FT			250-300 FT			250-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	1,3-DICHLOROBENZENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.351	ND	U	0.425	ND	U	0.332	ND	U	0.334	ND	U	0.339	ND	U	0.333	ND	U	0.337
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.351	ND	U	0.425	ND	U	0.332	ND	U	0.334	ND	U	0.339	ND	U	0.333	ND	U	0.337
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	2,6-DICHLOROPHENOL			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2,6-DINITROTOLUENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2-CHLORONAPHTHALENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2-METHYLPHENOL			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	2-NITROANILINE			ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	2-NITROPHENOL			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	3,3'-DICHLOROBENZIDINE			ND	U	0.354	ND	U	0.429	ND	U	0.335	ND	U	0.337	ND	U	0.342	ND	U	0.336	ND	U	0.34
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	3-NITROANILINE			ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.351	ND	U	0.425	ND	U	0.332	ND	U	0.334	ND	U	0.339	ND	U	0.333	ND	U	0.337
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	4-CHLOROANILINE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	4-NITROANILINE			ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	4-NITROPHENOL			ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	BENZENAMINE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0965	J	0.0354	0.0298	J	0.0429	0.109	J	0.0335	0.142	J	0.0337	ND	U	0.0342	0.0444	J	0.0336	ND	U	0.034
	BUTYL BENZYL PHTHALATE			ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	CARBAZOLE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	DIBENZOFURAN			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	DI-N-BUTYL PHTHALATE			ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	DI-N-OCTYL PHTHALATE			ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	ISOPHORONE	3.69	5119	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	NITROBENZENE	0.13727	49.41	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.071	ND	U	0.0859	ND	U	0.0671	ND	U	0.0674	ND	U	0.0686	ND	U	0.0673	ND	U	0.0682
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171
	PHENOL	126	18331	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	PYRIDINE			ND	U	0.178	ND	U	0.215	ND	U	0.168	ND	U	0.169	ND	U	0.172	ND	U	0.169	ND	U	0.171

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114			KAFB-106114		
			SAMPLE_NO	SB0094			SB0095			SB0096			SB1743			SB0097			SB0098			SB0099		
			SAMPLE_DATE	22-Feb-11			22-Feb-11			22-Feb-11			22-Feb-11			23-Feb-11			23-Feb-11			23-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	150-200 FT			200-250 FT			250-300 FT			250-300 FT			301-350 FT			351-400 FT			401-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	ACENAPHTHENE	409.91	3441	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	ACENAPHTHYLENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	ANTHRACENE	6739	17203	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	BENZO(GHI)PERYLENE			ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	CHRYSENE	652.34	621.36	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	FLUORANTHENE	3108	2294	ND	U	0.0178	ND	U	0.0215	ND	U	0.0168	ND	U	0.0169	ND	U	0.0172	ND	U	0.0169	ND	U	0.0171
	FLUORENE	499.58	2294	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	NAPHTHALENE	0.08389	44.95	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	PHENANTHRENE	1669	1833	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
	PYRENE	2238	1720	ND	U	0.0354	ND	U	0.0429	ND	U	0.0335	ND	U	0.0337	ND	U	0.0342	ND	U	0.0336	ND	U	0.034
Metals (mg/Kg), Method 6010	LEAD		400	3.28		0.26	7.5		0.31	3.75		0.24	4.15		0.24	2.3		0.25	2.58		0.25	1.82		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0100			SB0101			SB0102			SB0103			SB0104			SB0105			SB0106		
			SAMPLE_DATE	9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			2.42	J	2.17	2.56	J	2.22	4.81		2.26	5.98		2.46	96.1		4.41	13.6		2.25	8.01		2.11
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.9	ND	U	1.79	ND	U	2.51	ND	U	2.38	ND	U	1.84	ND	U	2.47	ND	U	2.2
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,1-DICHLOROPROPENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2,3-TRICHLOROBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,3-DICHLOROBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,3-DICHLOROPROPANE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	1-CHLOROHEXANE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	2,2-DICHLOROPROPANE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	2-BUTANONE			ND	R	0.0017	ND	R	0.00301	ND	R	0.00233	ND	R	0.00296	ND	R	0.00194	ND	R	0.00228	ND	R	0.00211
	2-CHLOROTOLUENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	2-HEXANONE			ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	2-PROPENAL	0.00015	0.64556	ND	U	0.00424	ND	U	0.00753	ND	U	0.00583	ND	U	0.00741	ND	U	0.00485	ND	U	0.00571	ND	U	0.00527
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0017	ND	R	0.00301	ND	R	0.00233	ND	R	0.00296	ND	R	0.00194	ND	R	0.00228	ND	R	0.00211
	4-CHLOROTOLUENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	ACETONE	76.89	67456	ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	BENZENE	0.03696	15.49	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	0.00314		0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00127	ND	U	0.00226	ND	U	0.00175	0.00347	J	0.00222	ND	U	0.00145	ND	U	0.00171	ND	U	0.00158
	BROMOBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	BROMOCHLOROMETHANE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	BROMOFORM			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	BROMOMETHANE	0.03877	22.35	ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	CARBON DISULFIDE	5.041	1935	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CHLOROBENZENE	1.077	508	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CHLOROETHANE	108.43	43576	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CHLOROFORM	0.00936	5.718	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CHLOROMETHANE	0.08363	35.59	ND	U	0.0017	ND	U	0.00301	ND	U	0.00233	ND	U	0.00296	ND	U	0.00194	ND	U	0.00228	ND	U	0.00211
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	DIBROMOMETHANE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	ISOPROPYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	M,P-XYLENES			ND	U	0.000848	ND	U	0.00151	ND	U	0.00117	0.00347	J	0.00148	ND	U	0.000969	ND	U	0.00114	ND	U	0.00105
	METHYL TERT-BUTYL ETHER			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	NAPHTHALENE	0.08389	44.95	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	N-BUTYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	N-PROPYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	O-XYLENE	24.68	9548	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	P-ISOPROPYLTOLUENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	SEC-BUTYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	STYRENE	31.23	8970	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TERT-BUTYLBENZENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TOLUENE	27.66	5570	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	0.00383		0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	VINYL ACETATE	1.525	3646	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000424	ND	U	0.000753	ND	U	0.000583	ND	U	0.000741	ND	U	0.000485	ND	U	0.000571	ND	U	0.000527

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0100			SB0101			SB0102			SB0103			SB0104			SB0105			SB0106		
			SAMPLE_DATE	9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	1,3-DICHLOROBENZENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.361	ND	U	0.369	ND	U	0.376	ND	U	0.41	ND	U	0.366	ND	U	0.369	ND	U	0.353
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2,6-DICHLOROPHENOL			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2,6-DINITROTOLUENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2-CHLORONAPHTHALENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2-METHYLPHENOL			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	2-NITROANILINE			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	2-NITROPHENOL			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	3,3'-DICHLOROBENZIDINE			ND	U	0.361	ND	U	0.369	ND	U	0.376	ND	U	0.41	ND	U	0.366	ND	U	0.369	ND	U	0.353
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	3-NITROANILINE			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	4-CHLOROANILINE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	4-NITROANILINE			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	4-NITROPHENOL			ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	BENZENAMINE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0629	J	0.0361	0.0461	J	0.0369	ND	U	0.0376	0.0357	J	0.041	0.415		0.0366	0.0455	J	0.0369	0.0342	J	0.0353
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	CARBAZOLE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	DIBENZOFURAN			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0185	0.0234	J	0.0189	ND	U	0.0206	0.0133	J	0.0184	ND	U	0.0185	ND	U	0.0177
	DI-N-OCTYL PHTHALATE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	0.0447	J	0.0366	ND	U	0.0369	ND	U	0.0353
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
	ISOPHORONE	3.69	5119	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	NITROBENZENE	0.13727	49.41	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PHENOL	126	18331	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PYRIDINE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0100			SB0101			SB0102			SB0103			SB0104			SB0105			SB0106		
			SAMPLE_DATE	9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			FD			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			51-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	ACENAPHTHENE	409.91	3441	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	ACENAPHTHYLENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	ANTHRACENE	6739	17203	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	CHRYSENE	652.34	621.36	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0185	ND	U	0.0189	ND	U	0.0206	ND	U	0.0184	ND	U	0.0185	ND	U	0.0177
	FLUORENE	499.58	2294	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	NAPHTHALENE	0.08389	44.95	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PHENANTHRENE	1669	1833	ND	U	0.0361	ND	U	0.0369	ND	U	0.0376	ND	U	0.041	ND	U	0.0366	ND	U	0.0369	ND	U	0.0353
	PYRENE	2238	1720	ND	U	0.181	ND	U	0.185	ND	U	0.189	ND	U	0.206	ND	U	0.184	ND	U	0.185	ND	U	0.177
Metals (mg/Kg), Method 6010	LEAD		400	3.75		0.26	3.82		0.27	6.12		0.27	8.16		0.3	5.42		0.26	6.2		0.27	3.5		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0107			SB0108			SB0109			SB0110			SB0111			SB0112			SB0113		
			SAMPLE_DATE	10-Feb-11			10-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300			301-350 FT			351-400 FT			351-400		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			12.5		2.08	5.05		2.09	3.49	J	2.17	8.85		2.05	10.5		2	4.44	J	2.03	41	J	2.03
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	3.41	ND	U	2.33	ND	U	2.31	ND	U	2.11	ND	U	2.84	ND	U	2.16	ND	U	1.76
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,1-DICHLOROPROPENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2,3-TRICHLOROBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00308	ND	U	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00308	ND	U	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,3-DICHLOROBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,3-DICHLOROPROPANE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	1-CHLOROHEXANE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	2,2-DICHLOROPROPANE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	2-BUTANONE			ND	R	0.00308	0.00659	J	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	2-CHLOROTOLUENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	2-HEXANONE			ND	U	0.00308	ND	U	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	2-PROPENAL	0.00015	0.64556	ND	U	0.0077	ND	U	0.00528	ND	R	0.00546	ND	U	0.0056	ND	U	0.0076	ND	U	0.00518	ND	U	0.00522
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00308	ND	R	0.00211	ND	R	0.00218	ND	R	0.00224	ND	R	0.00304	ND	R	0.00207	ND	R	0.00209
	4-CHLOROTOLUENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	ACETONE	76.89	67456	ND	U	0.00308	ND	U	0.00211	0.0014	J	0.00218	0.00855	J	0.00224	0.0214	J	0.00304	0.00331	J	0.00207	0.00408	J	0.00209
	BENZENE	0.03696	15.49	ND	U	0.00077	0.00121	J	0.000528	ND	U	0.000546	0.000619	J	0.00056	0.000836	J	0.00076	0.00124	J	0.000518	0.00128	J	0.000522
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00231	ND	U	0.00158	ND	U	0.00164	ND	U	0.00168	ND	U	0.00228	ND	U	0.00156	ND	U	0.00157
	BROMOBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	BROMOCHLOROMETHANE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	BROMOFORM			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	BROMOMETHANE	0.03877	22.35	ND	U	0.00308	ND	U	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	CARBON DISULFIDE	5.041	1935	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CHLOROBENZENE	1.077	508	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CHLOROETHANE	108.43	43576	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CHLOROFORM	0.00936	5.718	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00308	ND	U	0.00211	ND	U	0.00218	ND	U	0.00224	ND	U	0.00304	ND	U	0.00207	ND	U	0.00209
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	DIBROMOMETHANE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	ISOPROPYLBENZENE			ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	M,P-XYLENES			ND	U	0.00154	ND	U	0.00106	ND	U	0.00109	ND	U	0.00112	ND	U	0.00152	ND	U	0.00104	ND	U	0.00104
	METHYL TERT-BUTYL ETHER			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	UJ	0.00056	ND	UJ	0.00076	ND	UJ	0.000518	ND	UJ	0.000522
	NAPHTHALENE	0.08389	44.95	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	N-BUTYLBENZENE			ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	N-PROPYLBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	O-XYLENE	24.68	9548	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	P-ISOPROPYLTOLUENE			ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	SEC-BUTYLBENZENE			ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	STYRENE	31.23	8970	ND	UJ	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TERT-BUTYLBENZENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TOLUENE	27.66	5570	ND	U	0.00077	0.00171	J	0.000528	ND	U	0.000546	0.00102	J	0.00056	0.00142	J	0.00076	0.00266		0.000518	0.00238		0.000522
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	VINYL ACETATE	1.525	3646	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00077	ND	U	0.000528	ND	U	0.000546	ND	U	0.00056	ND	U	0.00076	ND	U	0.000518	ND	U	0.000522

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0107			SB0108			SB0109			SB0110			SB0111			SB0112			SB0113		
			SAMPLE_DATE	10-Feb-11			10-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300			301-350 FT			351-400 FT			351-400		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	1,3-DICHLOROBENZENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.171	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.338	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.352	ND	U	0.348	ND	U	0.361	ND	U	0.338	ND	U	0.338	ND	U	0.339	ND	U	0.338
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2,6-DICHLOROPHENOL			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2,6-DINITROTOLUENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2-CHLORONAPHTHALENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2-METHYLPHENOL			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	2-NITROANILINE			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	2-NITROPHENOL			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	3,3'-DICHLOROBENZIDINE			ND	U	0.352	ND	U	0.348	ND	U	0.361	ND	U	0.341	ND	U	0.338	ND	U	0.339	ND	U	0.338
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.171	ND	U	0.17	ND	U	0.17	ND	U	0.17
	3-NITROANILINE			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.338	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	4-CHLOROANILINE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0341	ND	U	0.17	ND	U	0.17	ND	U	0.17
	4-NITROANILINE			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.171	ND	U	0.17	ND	U	0.17	ND	U	0.17
	4-NITROPHENOL			ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.171	ND	U	0.17	ND	U	0.17	ND	U	0.17
	BENZENAMINE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0375	J	0.0352	0.0356	J	0.0348	ND	U	0.0361	0.086	J	0.0341	ND	U	0.0338	ND	U	0.0339	0.0734	J	0.0338
	BUTYL BENZYL PHTHALATE			ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	CARBAZOLE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	DIBENZOFURAN			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	DI-N-BUTYL PHTHALATE			ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	DI-N-OCTYL PHTHALATE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0171	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0683	ND	U	0.17	ND	U	0.17	ND	U	0.17
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.171	ND	U	0.17	ND	U	0.17	ND	U	0.17
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0341	ND	U	0.17	ND	U	0.17	ND	U	0.17
	ISOPHORONE	3.69	5119	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	NITROBENZENE	0.13727	49.41	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0683	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.171	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PHENOL	126	18331	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PYRIDINE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	UJ	0.171	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115			KAFB-106115		
			SAMPLE_NO	SB0107			SB0108			SB0109			SB0110			SB0111			SB0112			SB0113		
			SAMPLE_DATE	10-Feb-11			10-Feb-11			15-Feb-11			16-Feb-11			16-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300			301-350 FT			351-400 FT			351-400		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	ACENAPHTHENE	409.91	3441	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	ACENAPHTHYLENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	ANTHRACENE	6739	17203	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	BENZO(GHI)PERYLENE			ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	CHRYSENE	652.34	621.36	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	FLUORANTHENE	3108	2294	ND	U	0.0176	ND	U	0.0174	ND	U	0.0181	ND	U	0.0171	ND	U	0.017	ND	U	0.017	ND	U	0.017
	FLUORENE	499.58	2294	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	NAPHTHALENE	0.08389	44.95	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PHENANTHRENE	1669	1833	ND	U	0.0352	ND	U	0.0348	ND	U	0.0361	ND	U	0.0341	ND	U	0.0338	ND	U	0.0339	ND	U	0.0338
	PYRENE	2238	1720	ND	U	0.176	ND	U	0.174	ND	U	0.181	ND	U	0.0341	ND	U	0.17	ND	U	0.17	ND	U	0.17
Metals (mg/Kg), Method 6010	LEAD		400	3.74		0.25	11.5	J-	0.25	2.85		0.26	2.78		0.24	6.19		0.24	2.92		0.24	2.61		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
			SAMPLE_NO	SB0114			SB0115			SB0116			SB0117			SB0118			SB0119			SB0120		
			SAMPLE_DATE	17-Feb-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			16.2		2.06	8.14		2.09	4.74		2.29	19.1		2.12	16.5		2.21	8.24		2.15	7.1		2.14
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	3.2	ND	U	2.7	1.4	J	3.82	ND	U	2.36	ND	U	2.08	ND	U	3.41	ND	U	2.37
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,1-DICHLOROPROPENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2,3-TRICHLOROBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000722	0.0014	J	0.000667	ND	U	0.000705	ND	U	0.000625	0.000605	J	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00289	ND	U	0.00267	ND	U	0.00282	ND	UJ	0.0025	ND	U	0.0021	ND	U	0.00283	ND	U	0.00317
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00289	ND	U	0.00267	ND	U	0.00282	ND	U	0.0025	ND	U	0.0021	ND	U	0.00283	ND	U	0.00317
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000722	0.000513	J	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,3-DICHLOROBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,3-DICHLOROPROPANE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	1-CHLOROHEXANE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	2,2-DICHLOROPROPANE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	2-BUTANONE			ND	U	0.00289	0.00561	R	0.00267	0.00678	J	0.00282	0.00487	J	0.0025	0.00439	J	0.0021	0.00754	J	0.00283	0.00737	J	0.00317
	2-CHLOROTOLUENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	2-HEXANONE			ND	U	0.00289	ND	UJ	0.00267	ND	U	0.00282	ND	UJ	0.0025	ND	UJ	0.0021	ND	UJ	0.00283	ND	UJ	0.00317
	2-PROPENAL	0.00015	0.64556	ND	U	0.00722	ND	R	0.00667	ND	R	0.00705	ND	R	0.00625	ND	R	0.00524	ND	R	0.00707	ND	R	0.00794
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00289	ND	R	0.00267	ND	R	0.00282	ND	R	0.0025	ND	R	0.0021	ND	R	0.00283	ND	R	0.00317
	4-CHLOROTOLUENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000722	ND	UJ	0.000667	ND	U	0.000705	ND	UJ	0.000625	ND	UJ	0.000524	ND	UJ	0.000707	ND	UJ	0.000794
	ACETONE	76.89	67456	0.0054	J	0.00289	0.0164	J	0.00267	0.0207		0.00282	ND	U	0.0025	0.0134	J	0.0021	0.0211	J	0.00283	0.0177	J	0.00317
	BENZENE	0.03696	15.49	0.00233	J	0.000722	0.00259	J	0.000667	0.000478	J	0.000705	0.00284		0.000625	0.000695	J	0.000524	0.000809	J	0.000707	0.000822	J	0.000794
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00217	0.0071	J	0.002	ND	U	0.00211	ND	U	0.00187	0.000537	J	0.00157	ND	U	0.00212	ND	U	0.00238
	BROMOBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	BROMOCHLOROMETHANE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	BROMOFORM			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	BROMOMETHANE	0.03877	22.35	ND	U	0.00289	ND	U	0.00267	ND	U	0.00282	ND	U	0.0025	ND	U	0.0021	ND	U	0.00283	ND	U	0.00317
	CARBON DISULFIDE	5.041	1935	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CHLOROBENZENE	1.077	508	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CHLOROETHANE	108.43	43576	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CHLOROFORM	0.00936	5.718	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00289	ND	U	0.00267	ND	U	0.00282	ND	U	0.0025	ND	U	0.0021	ND	U	0.00283	ND	U	0.00317
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	DIBROMOMETHANE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000722	ND	UJ	0.000667	ND	UJ	0.000705	ND	U	0.000625	ND	UJ	0.000524	ND	UJ	0.000707	ND	UJ	0.000794
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000722	0.000956	J	0.000667	ND	U	0.000705	ND	U	0.000625	0.000624	J	0.000524	0.000495	J	0.000707	0.000509	J	0.000794
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	ISOPROPYLBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	M,P-XYLENES			ND	U	0.00144	0.00257	J	0.00133	ND	U	0.00141	ND	U	0.00125	0.000537	J	0.00105	0.00056	J	0.00141	0.000607	J	0.00159
	METHYL TERT-BUTYL ETHER			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	NAPHTHALENE	0.08389	44.95	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	N-BUTYLBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	UJ	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	N-PROPYLBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	UJ	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	O-XYLENE	24.68	9548	ND	U	0.000722	0.00453		0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	P-ISOPROPYLTOLUENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	SEC-BUTYLBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	UJ	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	STYRENE	31.23	8970	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TERT-BUTYLBENZENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TOLUENE	27.66	5570	0.00518		0.000722	0.00301		0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	VINYL ACETATE	1.525	3646	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000722	ND	U	0.000667	ND	U	0.000705	ND	U	0.000625	ND	U	0.000524	ND	U	0.000707	ND	U	0.000794

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106115			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
			SAMPLE_NO	SB0114			SB0115			SB0116			SB0117			SB0118			SB0119			SB0120		
			SAMPLE_DATE	17-Feb-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	1,3-DICHLOROBENZENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.336	ND	U	0.341	ND	U	0.383	ND	U	0.355	ND	U	0.363	ND	U	0.355	ND	U	0.349
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.336	ND	U	0.341	ND	U	0.383	ND	U	0.355	ND	U	0.363	ND	U	0.355	ND	U	0.349
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	2,6-DICHLOROPHENOL			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2,6-DINITROTOLUENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2-CHLORONAPHTHALENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2-METHYLPHENOL			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	2-NITROANILINE			ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	2-NITROPHENOL			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	3,3'-DICHLOROBENZIDINE			ND	U	0.339	ND	U	0.344	ND	U	0.387	ND	U	0.359	ND	U	0.367	ND	U	0.358	ND	U	0.353
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	3-NITROANILINE			ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.336	ND	U	0.341	ND	U	0.383	ND	U	0.355	ND	U	0.363	ND	U	0.355	ND	U	0.349
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	4-CHLOROANILINE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	4-NITROANILINE			ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	4-NITROPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	BENZENAMINE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BIS(2-ETHYLHEXYL)PHTHALATE			0.062	J	0.0339	ND	U	0.0344	0.714		0.0387	0.51		0.0359	0.103	J	0.0367	ND	U	0.0358	ND	U	0.0353
	BUTYL BENZYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	CARBAZOLE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	DIBENZOFURAN			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	DI-N-BUTYL PHTHALATE			0.0968	J	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	DI-N-OCTYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	ISOPHORONE	3.69	5119	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	NITROBENZENE	0.13727	49.41	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0678	ND	U	0.0689	ND	U	0.0775	ND	U	0.0718	ND	U	0.0734	ND	U	0.0717	ND	U	0.0706
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177
	PHENOL	126	18331	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	PYRIDINE			ND	UJ	0.17	ND	U	0.172	ND	U	0.194	ND	U	0.18	ND	U	0.184	ND	U	0.18	ND	U	0.177

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106115			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
		SAMPLE_NO		SB0114			SB0115			SB0116			SB0117			SB0118			SB0119			SB0120		
		SAMPLE_DATE		17-Feb-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			FD		
		SAMPLE_DEPTH		401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	ACENAPHTHENE	409.91	3441	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	ACENAPHTHYLENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	ANTHRACENE	6739	17203	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	BENZO(GHI)PERYLENE			ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	CHRYSENE	652.34	621.36	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	FLUORANTHENE	3108	2294	ND	U	0.017	ND	U	0.0172	ND	U	0.0194	ND	U	0.018	ND	U	0.0184	ND	U	0.018	ND	U	0.0177
	FLUORENE	499.58	2294	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	NAPHTHALENE	0.08389	44.95	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	PHENANTHRENE	1669	1833	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
	PYRENE	2238	1720	ND	U	0.0339	ND	U	0.0344	ND	U	0.0387	ND	U	0.0359	ND	U	0.0367	ND	U	0.0358	ND	U	0.0353
Metals (mg/Kg), Method 6010	LEAD		400	2.92		0.25	4.45		0.25	8.91		0.28	6.79		0.26	6.15		0.26	5.97		0.26	5.77		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
			SAMPLE_NO	SB0122			SB0123			SB0124			SB0125			SB0121			SB0126			SB0127		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300 FT			51-100 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			12.5		2.06	13.3		2.07	8.08		2.53	49.3		2.05	31.3		2.26	3.96	J	2.04	4.26		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.36	ND	U	3	1.11	J	3.23	ND	U	3.08	ND	U	2.61	1.43	J	3.95	ND	U	2.09
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,1-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2,3-TRICHLOROBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	UJ	0.00213	ND	UJ	0.00363	ND	UJ	0.00415	ND	UJ	0.00319	ND	UJ	0.00351	ND	UJ	0.00223	ND	UJ	0.00276
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00213	ND	U	0.00363	ND	U	0.00415	ND	U	0.00319	ND	U	0.00351	ND	U	0.00223	ND	U	0.00276
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,3-DICHLOROBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,3-DICHLOROPROPANE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	1-CHLOROHEXANE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	2,2-DICHLOROPROPANE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	2-BUTANONE			0.00439	R	0.00213	ND	R	0.00363	ND	R	0.00415	ND	R	0.00319	ND	R	0.00351	ND	R	0.00223	ND	R	0.00276
	2-CHLOROTOLUENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	2-HEXANONE			ND	UJ	0.00213	ND	UJ	0.00363	ND	UJ	0.00415	ND	UJ	0.00319	ND	UJ	0.00351	ND	UJ	0.00223	ND	UJ	0.00276
	2-PROPENAL	0.00015	0.64556	ND	R	0.00533	ND	R	0.00907	ND	R	0.0104	ND	R	0.00798	ND	R	0.00878	ND	R	0.00557	ND	R	0.00691
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00213	ND	R	0.00363	ND	R	0.00415	ND	R	0.00319	ND	R	0.00351	ND	R	0.00223	ND	R	0.00276
	4-CHLOROTOLUENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.000533	ND	UJ	0.000907	ND	UJ	0.00104	ND	UJ	0.000798	ND	UJ	0.000878	ND	UJ	0.000557	ND	UJ	0.000691
	ACETONE	76.89	67456	0.0391		0.00213	ND	U	0.00363	0.0396		0.00415	ND	U	0.00319	ND	U	0.00351	ND	U	0.00223	ND	U	0.00276
	BENZENE	0.03696	15.49	0.00305		0.000533	ND	U	0.000907	0.0125		0.00104	0.0254		0.000798	ND	U	0.000878	0.00621		0.000557	0.0057		0.000691
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.0016	ND	U	0.00272	ND	U	0.00312	ND	U	0.00239	ND	U	0.00263	ND	U	0.00167	ND	U	0.00207
	BROMOBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	BROMOCHLOROMETHANE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	BROMOFORM			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	BROMOMETHANE	0.03877	22.35	ND	U	0.00213	ND	U	0.00363	ND	U	0.00415	ND	U	0.00319	ND	U	0.00351	ND	U	0.00223	ND	U	0.00276
	CARBON DISULFIDE	5.041	1935	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CHLOROBENZENE	1.077	508	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CHLOROETHANE	108.43	43576	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CHLOROFORM	0.00936	5.718	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00213	ND	U	0.00363	ND	U	0.00415	ND	U	0.00319	ND	U	0.00351	ND	U	0.00223	ND	U	0.00276
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	DIBROMOMETHANE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	ISOPROPYLBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	M,P-XYLENES			ND	U	0.00107	ND	U	0.00181	ND	U	0.00208	ND	U	0.0016	ND	U	0.00176	ND	U	0.00111	ND	U	0.00138
	METHYL TERT-BUTYL ETHER			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	NAPHTHALENE	0.08389	44.95	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	N-BUTYLBENZENE			ND	UJ	0.000533	ND	UJ	0.000907	ND	UJ	0.00104	ND	UJ	0.000798	ND	UJ	0.000878	ND	UJ	0.000557	ND	UJ	0.000691
	N-PROPYLBENZENE			ND	UJ	0.000533	ND	UJ	0.000907	ND	UJ	0.00104	ND	UJ	0.000798	ND	UJ	0.000878	ND	UJ	0.000557	ND	UJ	0.000691
	O-XYLENE	24.68	9548	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	P-ISOPROPYLTOLUENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	SEC-BUTYLBENZENE			ND	UJ	0.000533	ND	UJ	0.000907	ND	UJ	0.00104	ND	UJ	0.000798	ND	UJ	0.000878	ND	UJ	0.000557	ND	UJ	0.000691
	STYRENE	31.23	8970	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TERT-BUTYLBENZENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TOLUENE	27.66	5570	0.00156	J	0.000533	ND	U	0.000907	0.0287		0.00104	0.0268		0.000798	ND	U	0.000878	0.00684		0.000557	0.00726		0.000691
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	VINYL ACETATE	1.525	3646	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000533	ND	U	0.000907	ND	U	0.00104	ND	U	0.000798	ND	U	0.000878	ND	U	0.000557	ND	U	0.000691

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
			SAMPLE_NO	SB0122			SB0123			SB0124			SB0125			SB0121			SB0126			SB0127		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300 FT			51-100 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	1,3-DICHLOROBENZENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.342	ND	U	0.347	ND	U	0.417	ND	U	0.339	ND	U	0.374	ND	U	0.336	ND	U	0.34
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.342	ND	U	0.347	ND	U	0.417	ND	U	0.339	ND	U	0.374	ND	U	0.336	ND	U	0.34
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	2,6-DICHLOROPHENOL			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2,6-DINITROTOLUENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2-CHLORONAPHTHALENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2-METHYLPHENOL			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	2-NITROANILINE			ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	2-NITROPHENOL			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	3,3'-DICHLOROBENZIDINE			ND	U	0.345	ND	U	0.35	ND	U	0.42	ND	U	0.342	ND	U	0.378	ND	U	0.339	ND	U	0.343
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	3-NITROANILINE			ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.342	ND	U	0.347	ND	U	0.417	ND	U	0.339	ND	U	0.374	ND	U	0.336	ND	U	0.34
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	4-CHLOROANILINE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	4-NITROANILINE			ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	4-NITROPHENOL			ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	BENZENAMINE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0535	J	0.0345	0.103	J	0.035	ND	U	0.042	0.365		0.0342	0.147	J	0.0378	0.0288	J	0.0339	0.0563	J	0.0343
	BUTYL BENZYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	CARBAZOLE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	DIBENZOFURAN			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	DI-N-BUTYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	DI-N-OCTYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	ISOPHORONE	3.69	5119	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	NITROBENZENE	0.13727	49.41	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0691	ND	U	0.0702	ND	U	0.0842	ND	U	0.0685	ND	U	0.0757	ND	U	0.0679	ND	U	0.0688
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172
	PHENOL	126	18331	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	PYRIDINE			ND	U	0.173	ND	U	0.176	ND	U	0.211	ND	U	0.172	ND	U	0.189	ND	U	0.17	ND	U	0.172

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116			KAFB-106116		
			SAMPLE_NO	SB0122			SB0123			SB0124			SB0125			SB0121			SB0126			SB0127		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	101-150 FT			151-200 FT			201-250 FT			251-300 FT			51-100 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	ACENAPHTHENE	409.91	3441	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	ACENAPHTHYLENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	ANTHRACENE	6739	17203	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	BENZO(GHI)PERYLENE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	CHRYSENE	652.34	621.36	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	FLUORANTHENE	3108	2294	ND	U	0.0173	ND	U	0.0176	ND	U	0.0211	ND	U	0.0172	ND	U	0.0189	ND	U	0.017	ND	U	0.0172
	FLUORENE	499.58	2294	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	NAPHTHALENE	0.08389	44.95	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	PHENANTHRENE	1669	1833	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
	PYRENE	2238	1720	ND	U	0.0345	ND	U	0.035	ND	U	0.042	ND	U	0.0342	ND	U	0.0378	ND	U	0.0339	ND	U	0.0343
Metals (mg/Kg), Method 6010	LEAD		400	2.38		0.25	2.78		0.25	7.74		0.3	5.1		0.25	7.47		0.27	2.04		0.24	2.46		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0128			SB0129			SB0135			SB0130			SB0131			SB0132			SB0133		
			SAMPLE_DATE	6-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			101-150 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.05	30.3		4.3	19.9		2.21	6.54		2.19	51.5		2.18	17.5		2.23	280		10.7
Method 8015B	GASOLINE RANGE ORGANICS			2.34	J	2.12	ND	U	2.44	ND	U	2.71	ND	U	2.96	ND	U	3.82	ND	U	2.19	ND	U	3.43
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,1-DICHLOROPROPENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2,3-TRICHLOROBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	UJ	0.000666
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00224	ND	U	0.00465	ND	U	0.00221	ND	U	0.0031	ND	U	0.00284	ND	U	0.00364	ND	U	0.00266
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00224	ND	U	0.00465	ND	U	0.00221	ND	U	0.0031	ND	U	0.00284	ND	U	0.00364	ND	U	0.00266
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000559	0.000376	J	0.00116	ND	U	0.000553	0.000471	J	0.000774	0.000405	J	0.00071	0.000245	J	0.00091	ND	U	0.000666
	1,3-DICHLOROBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,3-DICHLOROPROPANE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	1-CHLOROHEXANE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	2,2-DICHLOROPROPANE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	2-BUTANONE			1.55		0.257	0.0068	J	0.00465	0.00292	J	0.00221	0.00727	J	0.0031	0.00397	J	0.00284	0.0075	J	0.00364	0.00479	J	0.00266
	2-CHLOROTOLUENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	2-HEXANONE			0.0746	J	0.00224	ND	U	0.00465	ND	U	0.00221	ND	U	0.0031	ND	U	0.00284	ND	U	0.00364	ND	U	0.00266
	2-PROPENAL	0.00015	0.64556	ND	R	0.00559	ND	R	0.0116	ND	R	0.00553	ND	R	0.00774	ND	R	0.0071	ND	R	0.0091	ND	R	0.00666
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00224	ND	R	0.00465	ND	R	0.00221	ND	R	0.0031	ND	R	0.00284	ND	R	0.00364	ND	R	0.00266
	4-CHLOROTOLUENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	4-METHYL-2-PENTANONE	7.579	5949	0.0311		0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	ACETONE	76.89	67456	4.06	J	0.257	0.0162		0.00465	0.00682		0.00221	0.0207		0.0031	0.00961		0.00284	0.0224		0.00364	0.0132		0.00266
	BENZENE	0.03696	15.49	0.00623		0.000559	0.00113	J	0.00116	0.000487	J	0.000553	0.00281	J	0.000774	0.00263	J	0.00071	0.00144	J	0.00091	0.000517	J	0.000666
	BENZENE, DIMETHYL-	3.523	1086	0.00903		0.00168	ND	U	0.00348	ND	U	0.00166	ND	U	0.00232	ND	U	0.00213	ND	U	0.00273	ND	U	0.002
	BROMOBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	BROMOCHLOROMETHANE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	BROMOFORM			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	BROMOMETHANE	0.03877	22.35	ND	U	0.00224	ND	U	0.00465	ND	U	0.00221	ND	U	0.0031	ND	U	0.00284	ND	U	0.00364	ND	U	0.00266
	CARBON DISULFIDE	5.041	1935	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CHLOROBENZENE	1.077	508	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CHLOROETHANE	108.43	43576	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CHLOROFORM	0.00936	5.718	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00224	ND	U	0.00465	ND	U	0.00221	ND	U	0.0031	ND	U	0.00284	ND	U	0.00364	ND	U	0.00266
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	DIBROMOMETHANE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000559	ND	UJ	0.00116	ND	UJ	0.000553	ND	UJ	0.000774	ND	UJ	0.00071	ND	UJ	0.00091	ND	UJ	0.000666
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	UJ	0.000666
	ISOPROPYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	M,P-XYLENES			0.00411	J	0.00112	ND	U	0.00232	ND	U	0.00111	ND	U	0.00155	ND	U	0.00142	ND	U	0.00182	ND	U	0.00133
	METHYL TERT-BUTYL ETHER			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	NAPHTHALENE	0.08389	44.95	0.0146		0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	N-BUTYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	UJ	0.000666
	N-PROPYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	O-XYLENE	24.68	9548	0.00491		0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	P-ISOPROPYLTOLUENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	UJ	0.000666
	SEC-BUTYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	STYRENE	31.23	8970	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TERT-BUTYLBENZENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TOLUENE	27.66	5570	0.0091		0.000559	ND	U	0.00116	ND	U	0.000553	0.00182	J	0.000774	0.0022	J	0.00071	ND	U	0.00091	ND	U	0.000666
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	VINYL ACETATE	1.525	3646	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000559	ND	U	0.00116	ND	U	0.000553	ND	U	0.000774	ND	U	0.00071	ND	U	0.00091	ND	U	0.000666

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0128			SB0129			SB0135			SB0130			SB0131			SB0132			SB0133		
			SAMPLE_DATE	6-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			101-150 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	1,3-DICHLOROBENZENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.339	ND	U	0.356	ND	U	0.364	ND	U	0.362	ND	U	0.361	ND	U	0.372	ND	U	0.358
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.339	ND	U	0.356	ND	U	0.364	ND	U	0.362	ND	U	0.361	ND	U	0.372	ND	U	0.358
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	2,6-DICHLOROPHENOL			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2,6-DINITROTOLUENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2-CHLORONAPHTHALENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2-METHYLPHENOL			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	2-NITROANILINE			ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	2-NITROPHENOL			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	3,3'-DICHLOROBENZIDINE			ND	U	0.342	ND	U	0.359	ND	U	0.367	ND	U	0.365	ND	U	0.364	ND	U	0.376	ND	U	0.361
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	3-NITROANILINE			ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.339	ND	U	0.356	ND	U	0.364	ND	U	0.362	ND	U	0.361	ND	U	0.372	ND	U	0.358
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	4-CHLOROANILINE			ND	U	0.0342	ND	UJ	0.0359	ND	UJ	0.0367	ND	UJ	0.0365	ND	UJ	0.0364	ND	UJ	0.0376	ND	UJ	0.0361
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	4-NITROANILINE			ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	4-NITROPHENOL			ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	BENZENAMINE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0249	J	0.0342	2.45		0.0359	0.606		0.0367	1.73		0.0365	1.9		0.0364	2.02		0.0376	5.44		0.0361
	BUTYL BENZYL PHTHALATE			ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	CARBAZOLE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	DIBENZOFURAN			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	DI-N-BUTYL PHTHALATE			ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	DI-N-OCTYL PHTHALATE			ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	ISOPHORONE	3.69	5119	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	NITROBENZENE	0.13727	49.41	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0685	ND	U	0.0719	ND	U	0.0735	ND	U	0.0732	ND	U	0.0729	ND	U	0.0752	ND	U	0.0723
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	0.0336	J	0.0361
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181
	PHENOL	126	18331	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	PYRIDINE			ND	U	0.172	ND	U	0.18	ND	U	0.184	ND	U	0.183	ND	U	0.183	ND	U	0.188	ND	U	0.181

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106116			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0128			SB0129			SB0135			SB0130			SB0131			SB0132			SB0133		
			SAMPLE_DATE	6-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11			7-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			101-150 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	ACENAPHTHENE	409.91	3441	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	ACENAPHTHYLENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	ANTHRACENE	6739	17203	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	BENZO(GHI)PERYLENE			ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	CHRYSENE	652.34	621.36	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0172	ND	U	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	FLUORANTHENE	3108	2294	ND	U	0.0172	0.00907	J	0.018	ND	U	0.0184	ND	U	0.0183	ND	U	0.0183	ND	U	0.0188	ND	U	0.0181
	FLUORENE	499.58	2294	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	NAPHTHALENE	0.08389	44.95	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	PHENANTHRENE	1669	1833	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
	PYRENE	2238	1720	ND	U	0.0342	ND	U	0.0359	ND	U	0.0367	ND	U	0.0365	ND	U	0.0364	ND	U	0.0376	ND	U	0.0361
Metals (mg/Kg), Method 6010	LEAD		400	3.94		0.25	5.52		0.26	5.67		0.27	9.79		0.27	6.36		0.26	7.15		0.27	6.18	J-	0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0134			SB0136			SB0137			SB0138			SB0139			SB0140			SB0141		
			SAMPLE_DATE	7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 ft			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			16		2.07	27.2		2.11	31		2.08	19.1		2.37	27.7		2.02	13.4		2.05	5.97		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.38	ND	U	2.82	ND	U	4.45	2.04	J	3.03	ND	U	3.31	ND	U	2.86	ND	U	2.53
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,1-DICHLOROPROPENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2,3-TRICHLOROBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	0.00265	J	0.00127	0.00105	J	0.000543	ND	U	0.00043
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	ND	U	0.00508	ND	U	0.00217	ND	R	0.00172
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	**0.00387**	J	0.00508	**0.00243**		0.00217	**0.00218**		0.00172
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,3-DICHLOROBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,3-DICHLOROPROPANE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	1-CHLOROHEXANE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	2,2-DICHLOROPROPANE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	2-BUTANONE			0.0025	J	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	1.12	J	0.454	ND	U	0.00217	ND	UJ	0.00172
	2-CHLOROTOLUENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	2-HEXANONE			ND	U	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	0.0444		0.00508	0.0291		0.00217	ND	UJ	0.00172
	2-PROPENAL	0.00015	0.64556	ND	R	0.00567	ND	R	0.0109	ND	R	0.0107	ND	U	0.379	ND	R	0.0127	ND	R	0.00543	ND	R	0.0043
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00227	ND	R	0.00436	ND	R	0.00429	ND	R	0.152	ND	R	0.00508	ND	R	0.00217	ND	R	0.00172
	4-CHLOROTOLUENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	0.0306		0.00127	0.0231		0.000543	0.0145		0.00043
	ACETONE	76.89	67456	0.00682		0.00227	ND	U	0.00436	ND	U	0.00429	0.262	J	0.152	2.45	J	0.454	0.538	J	0.249	0.29	J	0.127
	BENZENE	0.03696	15.49	ND	U	0.000567	ND	U	0.00109	0.000271	J	0.00107	**0.284**		0.0379	**0.0709**		0.00127	0.0229		0.000543	0.0222		0.00043
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.0017	ND	U	0.00327	ND	U	0.00322	ND	U	0.114	0.0261		0.00381	0.00816		0.00163	0.0086		0.00129
	BROMOBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	BROMOCHLOROMETHANE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	BROMOFORM			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	BROMOMETHANE	0.03877	22.35	ND	U	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	ND	U	0.00508	ND	U	0.00217	ND	U	0.00172
	CARBON DISULFIDE	5.041	1935	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CHLOROBENZENE	1.077	508	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CHLOROETHANE	108.43	43576	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CHLOROFORM	0.00936	5.718	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00227	ND	U	0.00436	ND	U	0.00429	ND	U	0.152	ND	U	0.00508	ND	U	0.00217	ND	U	0.00172
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	DIBROMOMETHANE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000567	ND	UJ	0.00109	ND	UJ	0.00107	ND	U	0.0379	ND	UJ	0.00127	ND	UJ	0.000543	ND	UJ	0.00043
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	0.00608		0.00127	ND	U	0.000543	0.00115	J	0.00043
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	ISOPROPYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	M,P-XYLENES			ND	U	0.00113	ND	U	0.00218	ND	U	0.00214	ND	U	0.0759	0.0124		0.00254	ND	U	0.00109	0.00443		0.000859
	METHYL TERT-BUTYL ETHER			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	NAPHTHALENE	0.08389	44.95	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	0.0127		0.000543	ND	U	0.00043
	N-BUTYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	N-PROPYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	O-XYLENE	24.68	9548	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	0.0138		0.00127	0.00469		0.000543	0.00417		0.00043
	P-ISOPROPYLTOLUENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	SEC-BUTYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	STYRENE	31.23	8970	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TERT-BUTYLBENZENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TOLUENE	27.66	5570	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	0.691		0.0379	0.111		0.00127	0.0336		0.000543	0.0296		0.00043
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	VINYL ACETATE	1.525	3646	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000567	ND	U	0.00109	ND	U	0.00107	ND	U	0.0379	ND	U	0.00127	ND	U	0.000543	ND	U	0.00043

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0134			SB0136			SB0137			SB0138			SB0139			SB0140			SB0141		
			SAMPLE_DATE	7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 ft			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	1,3-DICHLOROBENZENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.341	ND	U	0.347	ND	U	0.348	ND	U	0.389	ND	U	0.338	ND	U	0.338	ND	U	0.339
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.341	ND	U	0.347	ND	U	0.348	ND	U	0.389	ND	U	0.338	ND	U	0.338	ND	U	0.339
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	2,6-DICHLOROPHENOL			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2,6-DINITROTOLUENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2-CHLORONAPHTHALENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2-METHYLPHENOL			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	2-NITROANILINE			ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	2-NITROPHENOL			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	3,3'-DICHLOROBENZIDINE			ND	U	0.344	ND	U	0.35	ND	U	0.351	ND	U	0.393	ND	U	0.341	ND	U	0.341	ND	U	0.342
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	3-NITROANILINE			ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.341	ND	U	0.347	ND	U	0.348	ND	U	0.389	ND	U	0.338	ND	U	0.338	ND	U	0.339
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	4-CHLOROANILINE			ND	UJ	0.0344	ND	UJ	0.035	ND	UJ	0.0351	ND	UJ	0.0393	ND	UJ	0.0341	ND	UJ	0.0341	ND	UJ	0.0342
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	4-NITROANILINE			ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	4-NITROPHENOL			ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	BENZENAMINE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BIS(2-ETHYLHEXYL)PHTHALATE			1.18		0.0344	0.975		0.035	0.899		0.0351	2.47		0.0393	3.98		0.0341	1.64		0.0341	1.4		0.0342
	BUTYL BENZYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	CARBAZOLE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	DIBENZOFURAN			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	DI-N-BUTYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	DI-N-OCTYL PHTHALATE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	ISOPHORONE	3.69	5119	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	NITROBENZENE	0.13727	49.41	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.069	ND	U	0.0701	ND	U	0.0704	ND	U	0.0787	ND	U	0.0684	ND	U	0.0683	ND	U	0.0684
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171
	PHENOL	126	18331	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	PYRIDINE			ND	U	0.173	ND	U	0.176	ND	U	0.176	ND	U	0.197	ND	U	0.171	ND	U	0.171	ND	U	0.171

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117			KAFB-106117		
			SAMPLE_NO	SB0134			SB0136			SB0137			SB0138			SB0139			SB0140			SB0141		
			SAMPLE_DATE	7-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11			8-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			151-200 FT			151-200 FT			201-250 FT			251-300 FT			301-350 ft			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	ACENAPHTHENE	409.91	3441	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	ACENAPHTHYLENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	ANTHRACENE	6739	17203	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	BENZO(GHI)PERYLENE			ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	CHRYSENE	652.34	621.36	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	FLUORANTHENE	3108	2294	ND	U	0.0173	ND	U	0.0176	ND	U	0.0176	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171	ND	U	0.0171
	FLUORENE	499.58	2294	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	NAPHTHALENE	0.08389	44.95	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	PHENANTHRENE	1669	1833	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
	PYRENE	2238	1720	ND	U	0.0344	ND	U	0.035	ND	U	0.0351	ND	U	0.0393	ND	U	0.0341	ND	U	0.0341	ND	U	0.0342
Metals (mg/Kg), Method 6010	LEAD		400	2.91		0.25	2.48		0.25	2.61		0.25	7.42		0.28	5.36		0.24	2		0.24	2.4		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106117			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
			SAMPLE_NO	SB0142			SB0143			SB0144			SB0145			SB0146			SB0147			SB0148		
			SAMPLE_DATE	8-Mar-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			11-20 FT			20-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			14.3		2.05	45.7		2.11	28.7		2.34	13.4		2.25	14.9		2.17	3.24	J	2.23	44.3		2.03
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.13	ND	U	1.96	ND	U	3.45	ND	U	2.38	ND	U	2.64	ND	U	2.2	ND	U	2.03
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,1-DICHLOROPROPENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2,3-TRICHLOROBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00231	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00231	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,3-DICHLOROBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,3-DICHLOROPROPANE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	1-CHLOROHEXANE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	2,2-DICHLOROPROPANE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	2-BUTANONE			ND	UJ	0.113	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	2-CHLOROTOLUENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	2-HEXANONE			0.0676	J	0.00231	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	2-PROPENAL	0.00015	0.64556	ND	R	0.00577	ND	R	0.006	ND	R	0.00664	ND	R	0.00664	ND	R	0.00612	ND	R	0.00476	ND	R	0.0042
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00231	ND	R	0.0024	ND	R	0.00266	ND	R	0.00266	ND	R	0.00245	ND	R	0.00191	ND	R	0.00168
	4-CHLOROTOLUENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	ACETONE	76.89	67456	0.23	J	0.113	0.0117		0.0024	0.00737		0.00266	0.0107		0.00266	0.0101		0.00245	0.00671		0.00191	0.00428		0.00168
	BENZENE	0.03696	15.49	0.00818		0.000577	ND	U	0.0006	0.00336		0.000664	0.00133	J	0.000664	0.000839	J	0.000612	0.000497	J	0.000476	0.000421	J	0.00042
	BENZENE, DIMETHYL-	3.523	1086	0.00911		0.00173	ND	U	0.0018	ND	U	0.00199	ND	U	0.00199	ND	U	0.00183	ND	U	0.00143	ND	U	0.00126
	BROMOBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	BROMOCHLOROMETHANE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	BROMOFORM			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	BROMOMETHANE	0.03877	22.35	ND	U	0.00231	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	CARBON DISULFIDE	5.041	1935	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CHLOROBENZENE	1.077	508	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CHLOROETHANE	108.43	43576	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CHLOROFORM	0.00936	5.718	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00231	ND	U	0.0024	ND	U	0.00266	ND	U	0.00266	ND	U	0.00245	ND	U	0.00191	ND	U	0.00168
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	DIBROMOMETHANE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000577	ND	UJ	0.0006	ND	UJ	0.000664	ND	UJ	0.000664	ND	UJ	0.000612	ND	UJ	0.000476	ND	UJ	0.00042
	ETHYLBENZENE	0.29128	69.66	0.000868	J	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	ISOPROPYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	M,P-XYLENES			0.0042	J	0.00115	ND	U	0.0012	ND	U	0.00133	ND	U	0.00133	ND	U	0.00122	ND	U	0.000953	ND	U	0.000841
	METHYL TERT-BUTYL ETHER			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	NAPHTHALENE	0.08389	44.95	0.0138		0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	N-BUTYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	N-PROPYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	O-XYLENE	24.68	9548	0.00492		0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	P-ISOPROPYLTOLUENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	SEC-BUTYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	STYRENE	31.23	8970	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TERT-BUTYLBENZENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TOLUENE	27.66	5570	0.012		0.000577	ND	U	0.0006	0.00279		0.000664	0.000643	J	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	VINYL ACETATE	1.525	3646	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000577	ND	U	0.0006	ND	U	0.000664	ND	U	0.000664	ND	U	0.000612	ND	U	0.000476	ND	U	0.00042

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106117			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
			SAMPLE_NO	SB0142			SB0143			SB0144			SB0145			SB0146			SB0147			SB0148		
			SAMPLE_DATE	8-Mar-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			11-20 FT			20-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	1,3-DICHLOROBENZENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.334	ND	U	0.351	ND	U	0.392	ND	U	0.368	ND	U	0.359	ND	U	0.361	ND	U	0.333
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.334	ND	U	0.351	ND	U	0.392	ND	U	0.368	ND	U	0.359	ND	U	0.361	ND	U	0.333
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	2,6-DICHLOROPHENOL			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2,6-DINITROTOLUENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2-CHLORONAPHTHALENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2-METHYLPHENOL			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	2-NITROANILINE			ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	2-NITROPHENOL			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	3,3'-DICHLOROBENZIDINE			ND	U	0.337	ND	U	0.354	ND	U	0.395	ND	U	0.372	ND	U	0.362	ND	U	0.365	ND	U	0.336
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	3-NITROANILINE			ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.334	ND	U	0.351	ND	U	0.392	ND	U	0.368	ND	U	0.359	ND	U	0.361	ND	U	0.333
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	4-CHLOROANILINE			ND	UJ	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	4-NITROANILINE			ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	4-NITROPHENOL			ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	BENZENAMINE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BIS(2-ETHYLHEXYL)PHTHALATE			0.717		0.0337	0.237	J	0.0354	0.205	J	0.0395	0.216	J	0.0372	0.431		0.0362	0.0608	J	0.0365	0.42		0.0336
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	CARBAZOLE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	DIBENZOFURAN			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0337	0.0234	J	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	0.0145	J	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	ISOPHORONE	3.69	5119	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	NITROBENZENE	0.13727	49.41	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0676	ND	U	0.0709	ND	U	0.0792	ND	U	0.0744	ND	U	0.0725	ND	U	0.073	ND	U	0.0674
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169
	PHENOL	126	18331	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	PYRIDINE			ND	U	0.169	ND	U	0.177	ND	U	0.198	ND	U	0.186	ND	U	0.181	ND	U	0.183	ND	U	0.169

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106117			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
		SAMPLE_NO		SB0142			SB0143			SB0144			SB0145			SB0146			SB0147			SB0148		
		SAMPLE_DATE		8-Mar-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11			24-Feb-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG		
		SAMPLE_DEPTH		401-450 FT			0-10 FT			11-20 FT			20-30 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	ACENAPHTHENE	409.91	3441	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	ACENAPHTHYLENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	ANTHRACENE	6739	17203	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	CHRYSENE	652.34	621.36	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0177	ND	U	0.0198	ND	U	0.0186	ND	U	0.0181	ND	U	0.0183	ND	U	0.0169
	FLUORENE	499.58	2294	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	NAPHTHALENE	0.08389	44.95	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	PHENANTHRENE	1669	1833	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
	PYRENE	2238	1720	ND	U	0.0337	ND	U	0.0354	ND	U	0.0395	ND	U	0.0372	ND	U	0.0362	ND	U	0.0365	ND	U	0.0336
Metals (mg/Kg), Method 6010	LEAD		400	1.89		0.24	4.72		0.26	7.75		0.28	7.36	J-	0.27	5.63	J-	0.26	7.32		0.26	2.4		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
			SAMPLE_NO	SB0149			SB0150			SB0151			SB0152			SB0153			SB0154			SB0155		
			SAMPLE_DATE	24-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			4.36		2.03	ND	U	2.16	3.87	J	2.04	2.58	J	2.05	6.35		2.03	9.17		2.03	17.5		2.02
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.63	ND	U	2.82	ND	U	2.09	ND	U	2.21	ND	U	2.07	ND	U	2.12	ND	U	2.07
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,1-DICHLOROPROPENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2,3-TRICHLOROBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00196	ND	R	0.00237	ND	R	0.00224	ND	R	0.00259	ND	R	0.00221	ND	R	0.00215	ND	R	0.00232
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00196	ND	U	0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,3-DICHLOROBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,3-DICHLOROPROPANE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	1-CHLOROHEXANE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	2,2-DICHLOROPROPANE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	2-BUTANONE			0.00315	J	0.00196	0.0136		0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	2-CHLOROTOLUENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	2-HEXANONE			ND	U	0.00196	ND	U	0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	2-PROPENAL	0.00015	0.64556	ND	R	0.00491	ND	U	0.00593	ND	U	0.00559	ND	U	0.00647	ND	U	0.00552	ND	U	0.00537	ND	U	0.00581
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00196	ND	R	0.00237	ND	R	0.00224	ND	R	0.00259	ND	R	0.00221	ND	R	0.00215	ND	R	0.00232
	4-CHLOROTOLUENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	ACETONE	76.89	67456	0.0127		0.00196	0.199		0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	BENZENE	0.03696	15.49	0.000342	J	0.000491	0.00047	J	0.000593	0.000152	J	0.000559	0.00337		0.000647	0.000359	J	0.000552	0.00103	J	0.000537	0.000241	J	0.000581
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00147	ND	U	0.00178	ND	U	0.00168	ND	U	0.00194	ND	U	0.00166	ND	U	0.00161	ND	U	0.00174
	BROMOBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	BROMOCHLOROMETHANE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	BROMOFORM			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	BROMOMETHANE	0.03877	22.35	ND	U	0.00196	ND	U	0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	CARBON DISULFIDE	5.041	1935	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CHLOROBENZENE	1.077	508	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CHLOROETHANE	108.43	43576	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CHLOROFORM	0.00936	5.718	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00196	ND	U	0.00237	ND	U	0.00224	ND	U	0.00259	ND	U	0.00221	ND	U	0.00215	ND	U	0.00232
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	DIBROMOMETHANE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	ISOPROPYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	M,P-XYLENES			ND	U	0.000981	ND	U	0.00119	ND	U	0.00112	ND	U	0.00129	ND	U	0.0011	ND	U	0.00107	ND	U	0.00116
	METHYL TERT-BUTYL ETHER			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	NAPHTHALENE	0.08389	44.95	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	N-BUTYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	N-PROPYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	O-XYLENE	24.68	9548	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	P-ISOPROPYLTOLUENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	SEC-BUTYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	STYRENE	31.23	8970	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TERT-BUTYLBENZENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TOLUENE	27.66	5570	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	0.0113		0.000647	ND	U	0.000552	0.0029		0.000537	ND	U	0.000581
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	VINYL ACETATE	1.525	3646	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000491	ND	U	0.000593	ND	U	0.000559	ND	U	0.000647	ND	U	0.000552	ND	U	0.000537	ND	U	0.000581

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
			SAMPLE_NO	SB0149			SB0150			SB0151			SB0152			SB0153			SB0154			SB0155		
			SAMPLE_DATE	24-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	1,3-DICHLOROBENZENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.329	ND	U	0.351	ND	U	0.336	ND	U	0.343	ND	U	0.332	ND	U	0.335	ND	U	0.33
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.329	ND	UJ	0.351	ND	UJ	0.336	ND	UJ	0.343	ND	UJ	0.332	ND	UJ	0.335	ND	U	0.33
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	2,6-DICHLOROPHENOL			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2,6-DINITROTOLUENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2-CHLORONAPHTHALENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2-METHYLPHENOL			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	2-NITROANILINE			ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	2-NITROPHENOL			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	3,3'-DICHLOROBENZIDINE			ND	U	0.332	ND	U	0.354	ND	U	0.34	ND	U	0.347	ND	U	0.335	ND	U	0.338	ND	U	0.333
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	3-NITROANILINE			ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.329	ND	U	0.351	ND	U	0.336	ND	U	0.343	ND	U	0.332	ND	U	0.335	ND	U	0.33
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	4-CHLOROANILINE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	4-NITROANILINE			ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	4-NITROPHENOL			ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	BENZENAMINE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0253	J	0.0332	ND	U	0.0354	0.0734	J	0.034	0.0275	J	0.0347	0.118	J	0.0335	0.171	J	0.0338	0.108	J	0.0333
	BUTYL BENZYL PHTHALATE			ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	CARBAZOLE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	DIBENZOFURAN			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	DI-N-BUTYL PHTHALATE			ND	U	0.0167	0.0969	J	0.0178	0.0874	J	0.017	0.071	J	0.0174	0.0534	J	0.0168	ND	U	0.017	ND	U	0.0167
	DI-N-OCTYL PHTHALATE			ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	ISOPHORONE	3.69	5119	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	NITROBENZENE	0.13727	49.41	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0666	ND	U	0.071	ND	U	0.068	ND	U	0.0694	ND	U	0.0671	ND	U	0.0678	ND	U	0.0666
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.167	ND	U	0.178	ND	U	0.17	ND	U	0.174	ND	U	0.168	ND	U	0.17	ND	U	0.167
	PHENOL	126	18331	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	PYRIDINE			ND	U	0.167	ND	UJ	0.178	ND	UJ	0.17	ND	UJ	0.174	ND	UJ	0.168	ND	UJ	0.17	ND	U	0.167

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118			KAFB-106118		
			SAMPLE_NO	SB0149			SB0150			SB0151			SB0152			SB0153			SB0154			SB0155		
			SAMPLE_DATE	24-Feb-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	ACENAPHTHENE	409.91	3441	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	ACENAPHTHYLENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	ANTHRACENE	6739	17203	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	BENZO(GHI)PERYLENE			ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	CHRYSENE	652.34	621.36	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	FLUORANTHENE	3108	2294	ND	U	0.0167	ND	U	0.0178	ND	U	0.017	ND	U	0.0174	ND	U	0.0168	ND	U	0.017	ND	U	0.0167
	FLUORENE	499.58	2294	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	NAPHTHALENE	0.08389	44.95	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	PHENANTHRENE	1669	1833	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
	PYRENE	2238	1720	ND	U	0.0332	ND	U	0.0354	ND	U	0.034	ND	U	0.0347	ND	U	0.0335	ND	U	0.0338	ND	U	0.0333
Metals (mg/Kg), Method 6010	LEAD		400	2.57		0.24	4.45		0.26	2.92		0.24	5.87		0.25	2.66		0.24	3.23		0.24	2.72		0.24

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0156			SB0157			SB0158			SB0159			SB0160			SB0161			SB0162		
			SAMPLE_DATE	3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			39.3		2.42	3.98	J	2.34	2.72	J	2.22	2.84	J	2.24	8.55		2.29	ND	U	2.18	8.98		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.16	ND	U	2.21	ND	U	2.45	ND	U	3.06	ND	U	2.27	ND	U	2.08	1.01	J	1.85
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,1-DICHLOROPROPENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2,3-TRICHLOROBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000586	0.00117	J	0.000535	0.00197	J	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00234	ND	R	0.00214	ND	R	0.00275	ND	R	0.00318	ND	U	0.00272	ND	R	0.00226	ND	R	0.003
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00234	ND	U	0.00214	ND	U	0.00275	ND	U	0.00318	ND	U	0.00272	ND	U	0.00226	ND	U	0.003
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,3-DICHLOROBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,3-DICHLOROPROPANE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	1-CHLOROHEXANE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	2,2-DICHLOROPROPANE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	2-BUTANONE			0.00358	J	0.00234	0.00493	J	0.00214	0.0073		0.00275	0.00836		0.00318	0.00441	J	0.00272	0.00465	J	0.00226	ND	U	0.003
	2-CHLOROTOLUENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	2-HEXANONE			ND	U	0.00234	ND	U	0.00214	ND	U	0.00275	ND	U	0.00318	ND	U	0.00272	ND	U	0.00226	ND	U	0.003
	2-PROPENAL	0.00015	0.64556	ND	U	0.00586	ND	U	0.00535	ND	U	0.00689	ND	U	0.00794	ND	R	0.00681	ND	U	0.00565	ND	U	0.00749
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00234	ND	R	0.00214	ND	R	0.00275	ND	R	0.00318	ND	R	0.00272	ND	R	0.00226	ND	R	0.003
	4-CHLOROTOLUENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	ACETONE	76.89	67456	0.00147	J	0.00234	0.00906		0.00214	0.0142		0.00275	0.0163		0.00318	0.0116		0.00272	0.00943		0.00226	ND	U	0.003
	BENZENE	0.03696	15.49	0.000473	J	0.000586	0.00215		0.000535	0.00126	J	0.000689	0.000512	J	0.000794	0.00377		0.000681	0.000337	J	0.000565	ND	U	0.000749
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00176	0.0061	J	0.00161	0.00696	J	0.00207	ND	U	0.00238	ND	U	0.00204	ND	U	0.00169	ND	U	0.00225
	BROMOBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	BROMOCHLOROMETHANE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	BROMOFORM			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	BROMOMETHANE	0.03877	22.35	ND	U	0.00234	ND	U	0.00214	ND	U	0.00275	ND	U	0.00318	ND	U	0.00272	ND	U	0.00226	ND	U	0.003
	CARBON DISULFIDE	5.041	1935	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CHLOROBENZENE	1.077	508	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CHLOROETHANE	108.43	43576	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CHLOROFORM	0.00936	5.718	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00234	ND	U	0.00214	ND	U	0.00275	ND	U	0.00318	ND	U	0.00272	ND	U	0.00226	ND	U	0.003
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	DIBROMOMETHANE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000586	0.000713	J	0.000535	0.000981	J	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	ISOPROPYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	M,P-XYLENES			ND	U	0.00117	0.00281	J	0.00107	0.00276	J	0.00138	ND	U	0.00159	ND	U	0.00136	ND	U	0.00113	ND	U	0.0015
	METHYL TERT-BUTYL ETHER			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	NAPHTHALENE	0.08389	44.95	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	N-BUTYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	N-PROPYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	O-XYLENE	24.68	9548	ND	U	0.000586	0.00328		0.000535	0.00419		0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	P-ISOPROPYLTOLUENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	SEC-BUTYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	STYRENE	31.23	8970	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TERT-BUTYLBENZENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TOLUENE	27.66	5570	ND	U	0.000586	0.00225		0.000535	0.00113	J	0.000689	ND	U	0.000794	0.00355		0.000681	ND	U	0.000565	ND	U	0.000749
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	0.0181		0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	VINYL ACETATE	1.525	3646	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000586	ND	U	0.000535	ND	U	0.000689	ND	U	0.000794	ND	U	0.000681	ND	U	0.000565	ND	U	0.000749

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0156			SB0157			SB0158			SB0159			SB0160			SB0161			SB0162		
			SAMPLE_DATE	3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	1,3-DICHLOROBENZENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.398	ND	U	0.391	ND	U	0.371	ND	U	0.368	ND	U	0.378	ND	U	0.364	ND	U	0.335
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.398	ND	U	0.391	ND	U	0.371	ND	U	0.368	ND	U	0.378	ND	U	0.364	ND	U	0.335
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	2,6-DICHLOROPHENOL			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2,6-DINITROTOLUENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2-CHLORONAPHTHALENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2-METHYLPHENOL			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	2-NITROANILINE			ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	2-NITROPHENOL			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	3,3'-DICHLOROBENZIDINE			ND	U	0.401	ND	U	0.395	ND	U	0.374	ND	U	0.371	ND	U	0.382	ND	U	0.367	ND	U	0.338
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	3-NITROANILINE			ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.398	ND	U	0.391	ND	U	0.371	ND	U	0.368	ND	U	0.378	ND	U	0.364	ND	U	0.335
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	4-CHLOROANILINE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	4-NITROANILINE			ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	4-NITROPHENOL			ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	BENZENAMINE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BIS(2-ETHYLHEXYL)PHTHALATE			0.282	J	0.0401	ND	U	0.0395	0.0261	J	0.0374	0.05	J	0.0371	0.195	J	0.0382	0.145	J	0.0367	0.335		0.0338
	BUTYL BENZYL PHTHALATE			ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	CARBAZOLE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	DIBENZOFURAN			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	DI-N-BUTYL PHTHALATE			0.0346	J	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	DI-N-OCTYL PHTHALATE			ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	ISOPHORONE	3.69	5119	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	NITROBENZENE	0.13727	49.41	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0804	ND	U	0.0791	ND	U	0.0749	ND	U	0.0744	ND	U	0.0765	ND	U	0.0736	ND	U	0.0677
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169
	PHENOL	126	18331	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	PYRIDINE			ND	U	0.201	ND	U	0.198	ND	U	0.188	ND	U	0.186	ND	U	0.191	ND	U	0.184	ND	U	0.169

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106118			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0156			SB0157			SB0158			SB0159			SB0160			SB0161			SB0162		
			SAMPLE_DATE	3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	401-450 FT			0-10 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	ACENAPHTHENE	409.91	3441	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	ACENAPHTHYLENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	ANTHRACENE	6739	17203	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	BENZO(GHI)PERYLENE			ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	CHRYSENE	652.34	621.36	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	FLUORANTHENE	3108	2294	ND	U	0.0201	ND	U	0.0198	ND	U	0.0188	ND	U	0.0186	ND	U	0.0191	ND	U	0.0184	ND	U	0.0169
	FLUORENE	499.58	2294	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	NAPHTHALENE	0.08389	44.95	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	PHENANTHRENE	1669	1833	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
	PYRENE	2238	1720	ND	U	0.0401	ND	U	0.0395	ND	U	0.0374	ND	U	0.0371	ND	U	0.0382	ND	U	0.0367	ND	U	0.0338
Metals (mg/Kg), Method 6010	LEAD		400	6.52		0.29	8.89		0.28	6.43		0.27	5.01		0.27	6.42	J-	0.28	7.41		0.26	4.19		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0163			SB0164			SB0165			SB0166			SB0167			SB0168			SB0169		
			SAMPLE_DATE	3-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.98	J	2.43	1.5	J	2.3	3.22	J	2.06	6.87		2.05	ND	U	2.33	ND	U	2.06	3.62	J	2.04
Method 8015B	GASOLINE RANGE ORGANICS			0.968	J	2.04	ND	U	2.32	ND	U	2.59	ND	U	2.28	3.38	J	1.95	ND	U	1.82	ND	U	2.2
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,1-DICHLOROPROPENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2,3-TRICHLOROBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00273	ND	U	0.00239	ND	UJ	0.00243	ND	UJ	0.00241	ND	U	0.106	ND	U	0.0023	ND	U	0.00224
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00273	ND	U	0.00239	ND	U	0.00243	ND	U	0.00241	ND	U	0.106	ND	U	0.0023	ND	U	0.00224
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,3-DICHLOROBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,3-DICHLOROPROPANE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	1-CHLOROHEXANE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	2,2-DICHLOROPROPANE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	2-BUTANONE			0.00523	J	0.00273	ND	R	0.00239	ND	R	0.00243	0.00646	J	0.00241	ND	U	0.106	ND	R	0.0023	ND	R	0.00224
	2-CHLOROTOLUENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	2-HEXANONE			ND	U	0.00273	ND	UJ	0.00239	ND	UJ	0.00243	ND	UJ	0.00241	ND	U	0.106	ND	UJ	0.0023	ND	UJ	0.00224
	2-PROPENAL	0.00015	0.64556	ND	U	0.00682	ND	R	0.00597	ND	R	0.00607	ND	R	0.00603	ND	U	0.265	ND	R	0.00575	ND	R	0.0056
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00273	ND	R	0.00239	ND	R	0.00243	ND	R	0.00241	ND	R	0.106	ND	R	0.0023	ND	R	0.00224
	4-CHLOROTOLUENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	4-METHYL-2-PENTANONE	7.579	5949	0.0075		0.000682	ND	UJ	0.000597	ND	UJ	0.000607	ND	UJ	0.000603	ND	U	0.0265	ND	UJ	0.000575	ND	UJ	0.00056
	ACETONE	76.89	67456	0.0166		0.00273	0.00622	J	0.00239	ND	U	0.00243	0.0417		0.00241	ND	R	0.106	0.00218	J	0.0023	ND	UJ	0.00224
	BENZENE	0.03696	15.49	0.0244		0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	**0.309**		0.0265	0.0142		0.000575	0.0108		0.00056
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00205	ND	U	0.00179	ND	U	0.00182	ND	U	0.00181	ND	U	0.0795	0.0017	J	0.00172	0.00137	J	0.00168
	BROMOBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	BROMOCHLOROMETHANE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	BROMOFORM			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	BROMOMETHANE	0.03877	22.35	ND	U	0.00273	ND	U	0.00239	ND	U	0.00243	ND	U	0.00241	ND	U	0.106	ND	U	0.0023	ND	U	0.00224
	CARBON DISULFIDE	5.041	1935	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CHLOROBENZENE	1.077	508	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CHLOROETHANE	108.43	43576	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CHLOROFORM	0.00936	5.718	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00273	ND	U	0.00239	ND	U	0.00243	ND	U	0.00241	ND	U	0.106	ND	U	0.0023	ND	U	0.00224
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	DIBROMOMETHANE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000682	ND	UJ	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	UJ	0.000575	ND	UJ	0.00056
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	0.000647	J	0.000575	0.000401	J	0.00056
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	ISOPROPYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	M,P-XYLENES			ND	U	0.00136	ND	U	0.00119	ND	U	0.00121	ND	U	0.00121	ND	U	0.053	0.0017	J	0.00115	0.00137	J	0.00112
	METHYL TERT-BUTYL ETHER			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	NAPHTHALENE	0.08389	44.95	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	N-BUTYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	UJ	0.000607	ND	UJ	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	N-PROPYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	UJ	0.000607	ND	UJ	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	O-XYLENE	24.68	9548	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	P-ISOPROPYLTOLUENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	SEC-BUTYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	UJ	0.000607	ND	UJ	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	STYRENE	31.23	8970	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TERT-BUTYLBENZENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TOLUENE	27.66	5570	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	0.714		0.0265	0.026		0.000575	0.0203	J	0.00056
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	VINYL ACETATE	1.525	3646	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000682	ND	U	0.000597	ND	U	0.000607	ND	U	0.000603	ND	U	0.0265	ND	U	0.000575	ND	U	0.00056

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0163			SB0164			SB0165			SB0166			SB0167			SB0168			SB0169		
			SAMPLE_DATE	3-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	1,3-DICHLOROBENZENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.407	ND	U	0.378	ND	U	0.346	ND	U	0.338	ND	U	0.389	ND	U	0.339	ND	U	0.337
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.407	ND	U	0.378	ND	U	0.346	ND	U	0.338	ND	U	0.389	ND	U	0.339	ND	U	0.337
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	2,6-DICHLOROPHENOL			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2,6-DINITROTOLUENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2-CHLORONAPHTHALENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2-METHYLPHENOL			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	2-NITROANILINE			ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	2-NITROPHENOL			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	3,3'-DICHLOROBENZIDINE			ND	U	0.411	ND	U	0.381	ND	U	0.349	ND	U	0.341	ND	U	0.393	ND	U	0.342	ND	U	0.34
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	3-NITROANILINE			ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.407	ND	U	0.378	ND	U	0.346	ND	U	0.338	ND	U	0.389	ND	U	0.339	ND	U	0.337
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	4-CHLOROANILINE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	4-NITROANILINE			ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	4-NITROPHENOL			ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	BENZENAMINE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0511	J	0.0411	ND	U	0.0381	0.0675	J	0.0349	0.17	J	0.0341	ND	U	0.0393	ND	U	0.0342	0.0594	J	0.034
	BUTYL BENZYL PHTHALATE			ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	CARBAZOLE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	DIBENZOFURAN			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	DI-N-BUTYL PHTHALATE			ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	DI-N-OCTYL PHTHALATE			ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	ISOPHORONE	3.69	5119	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	NITROBENZENE	0.13727	49.41	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0822	ND	U	0.0763	ND	U	0.0699	ND	U	0.0684	ND	U	0.0787	ND	U	0.0685	ND	U	0.0682
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171
	PHENOL	126	18331	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	PYRIDINE			ND	U	0.206	ND	U	0.191	ND	U	0.175	ND	U	0.171	ND	U	0.197	ND	U	0.171	ND	U	0.171

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119			KAFB-106119		
			SAMPLE_NO	SB0163			SB0164			SB0165			SB0166			SB0167			SB0168			SB0169		
			SAMPLE_DATE	3-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11			4-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT			301-350 FT			351-400 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	ACENAPHTHENE	409.91	3441	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	ACENAPHTHYLENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	ANTHRACENE	6739	17203	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	BENZO(GHI)PERYLENE			ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	CHRYSENE	652.34	621.36	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	FLUORANTHENE	3108	2294	ND	U	0.0206	ND	U	0.0191	ND	U	0.0175	ND	U	0.0171	ND	U	0.0197	ND	U	0.0171	ND	U	0.0171
	FLUORENE	499.58	2294	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	NAPHTHALENE	0.08389	44.95	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	PHENANTHRENE	1669	1833	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
	PYRENE	2238	1720	ND	U	0.0411	ND	U	0.0381	ND	U	0.0349	ND	U	0.0341	ND	U	0.0393	ND	U	0.0342	ND	U	0.034
Metals (mg/Kg), Method 6010	LEAD		400	9.28		0.3	5.53		0.28	3.43		0.25	4.82		0.25	11.3		0.28	2.33		0.25	2.69		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0170			SB0171			SB0286			SB0287			SB0288			SB0289			SB0291		
			SAMPLE_DATE	4-Mar-11			4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			46		2.03	ND	U	2.05	2.52	J	2.23	7.9		2.11	1.95	J	2.25	3.44	J	2.33	3.09	J	2.04
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.19	ND	U	2.08	ND	U	3.14	ND	U	2.43	ND	U	2.14	ND	U	1.92	ND	U	1.72
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,1-DICHLOROPROPENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2,3-TRICHLOROBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2,4-TRIMETHYLBENZENE			0.00131	J	0.000617	ND	U	0.000445	0.00111	J	0.000549	ND	U	0.000482	ND	U	0.000625	0.00082	J	0.000591	0.000662	J	0.00055
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00247	ND	U	0.00178	ND	U	0.00219	ND	UJ	0.00193	ND	U	0.0025	ND	U	0.00236	ND	U	0.0022
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00247	ND	U	0.00178	ND	U	0.00219	ND	U	0.00193	ND	U	0.0025	ND	U	0.00236	ND	U	0.0022
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,3,5-TRIMETHYLBENZENE			0.000523	J	0.000617	ND	U	0.000445	0.000437	J	0.000549	ND	U	0.000482	ND	U	0.000625	0.000222	J	0.000591	ND	U	0.00055
	1,3-DICHLOROBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,3-DICHLOROPROPANE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	1-CHLOROHEXANE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	2,2-DICHLOROPROPANE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	2-BUTANONE			ND	R	0.00247	0.00994	J	0.00178	0.00378	R	0.00219	ND	R	0.00193	ND	U	0.0025	0.00632	J	0.00236	0.00554	J	0.0022
	2-CHLOROTOLUENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	2-HEXANONE			ND	UJ	0.00247	ND	UJ	0.00178	ND	UJ	0.00219	ND	UJ	0.00193	ND	U	0.0025	ND	UJ	0.00236	ND	UJ	0.0022
	2-PROPENAL	0.00015	0.64556	ND	R	0.00617	ND	R	0.00445	ND	R	0.00549	ND	R	0.00482	ND	R	0.00625	ND	R	0.00591	ND	R	0.0055
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00247	ND	R	0.00178	ND	R	0.00219	ND	R	0.00193	ND	R	0.0025	ND	R	0.00236	ND	R	0.0022
	4-CHLOROTOLUENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.000617	ND	UJ	0.000445	ND	UJ	0.000549	ND	UJ	0.000482	ND	U	0.000625	ND	UJ	0.000591	ND	UJ	0.00055
	ACETONE	76.89	67456	0.00423	J	0.00247	0.0329	J	0.00178	0.011	J	0.00219	ND	U	0.00193	0.00356	J	0.0025	0.018	J	0.00236	0.0165	J	0.0022
	BENZENE	0.03696	15.49	0.00789		0.000617	0.00332		0.000445	0.0026		0.000549	ND	U	0.000482	0.00139	J	0.000625	0.00237		0.000591	0.00124	J	0.00055
	BENZENE, DIMETHYL-	3.523	1086	0.031		0.00185	0.000548	J	0.00133	0.00218	J	0.00165	ND	U	0.00144	ND	U	0.00188	0.0014	J	0.00177	0.000774	J	0.00165
	BROMOBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	BROMOCHLOROMETHANE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	BROMOFORM			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	BROMOMETHANE	0.03877	22.35	ND	U	0.00247	ND	U	0.00178	ND	U	0.00219	ND	U	0.00193	ND	U	0.0025	ND	U	0.00236	ND	U	0.0022
	CARBON DISULFIDE	5.041	1935	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CHLOROBENZENE	1.077	508	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CHLOROETHANE	108.43	43576	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CHLOROFORM	0.00936	5.718	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00247	ND	U	0.00178	ND	U	0.00219	ND	U	0.00193	ND	U	0.0025	ND	U	0.00236	ND	U	0.0022
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	DIBROMOMETHANE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000617	ND	UJ	0.000445	ND	UJ	0.000549	ND	U	0.000482	ND	UJ	0.000625	ND	UJ	0.000591	ND	UJ	0.00055
	ETHYLBENZENE	0.29128	69.66	0.0031		0.000617	0.000278	J	0.000445	0.000693	J	0.000549	ND	U	0.000482	ND	U	0.000625	0.000927	J	0.000591	0.000707	J	0.00055
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	ISOPROPYLBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	M,P-XYLENES			0.0205		0.00123	0.000548	J	0.000889	0.00218	J	0.0011	ND	U	0.000963	ND	U	0.00125	0.0014	J	0.00118	0.000774	J	0.0011
	METHYL TERT-BUTYL ETHER			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	NAPHTHALENE	0.08389	44.95	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	N-BUTYLBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	UJ	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	N-PROPYLBENZENE			0.000655	J	0.000617	ND	U	0.000445	ND	U	0.000549	ND	UJ	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	O-XYLENE	24.68	9548	0.0106		0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	P-ISOPROPYLTOLUENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	SEC-BUTYLBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	UJ	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	STYRENE	31.23	8970	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TERT-BUTYLBENZENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TOLUENE	27.66	5570	0.0476	J	0.000617	0.00291		0.000445	0.00258		0.000549	ND	U	0.000482	ND	U	0.000625	0.00177	J	0.000591	ND	U	0.00055
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	TRICHLOROFLUOROMETHANE	18.03	2008	0.0158		0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	VINYL ACETATE	1.525	3646	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000617	ND	U	0.000445	ND	U	0.000549	ND	U	0.000482	ND	U	0.000625	ND	U	0.000591	ND	U	0.00055

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0170			SB0171			SB0286			SB0287			SB0288			SB0289			SB0291		
			SAMPLE_DATE	4-Mar-11			4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	1,3-DICHLOROBENZENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.335	ND	U	0.334	ND	U	0.367	ND	U	0.35	ND	U	0.373	ND	U	0.384	ND	U	0.336
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.335	ND	U	0.334	ND	U	0.367	ND	U	0.35	ND	U	0.373	ND	U	0.384	ND	U	0.336
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	2,6-DICHLOROPHENOL			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2,6-DINITROTOLUENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2-CHLORONAPHTHALENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2-METHYLPHENOL			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	2-NITROANILINE			ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	2-NITROPHENOL			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	3,3'-DICHLOROBENZIDINE			ND	U	0.338	ND	U	0.337	ND	U	0.371	ND	U	0.353	ND	U	0.376	ND	U	0.387	ND	U	0.339
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	3-NITROANILINE			ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.335	ND	U	0.334	ND	U	0.367	ND	U	0.35	ND	U	0.373	ND	U	0.384	ND	U	0.336
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	4-CHLOROANILINE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	4-NITROANILINE			ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	4-NITROPHENOL			ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	BENZENAMINE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BIS(2-ETHYLHEXYL)PHTHALATE			1.01		0.0338	0.0443	J	0.0337	ND	U	0.0371	0.065	J	0.0353	ND	U	0.0376	0.0406	J	0.0387	ND	U	0.0339
	BUTYL BENZYL PHTHALATE			ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	CARBAZOLE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	DIBENZOFURAN			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	DI-N-BUTYL PHTHALATE			ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	DI-N-OCTYL PHTHALATE			ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	ISOPHORONE	3.69	5119	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	NITROBENZENE	0.13727	49.41	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0678	ND	U	0.0676	ND	U	0.0742	ND	U	0.0708	ND	U	0.0753	ND	U	0.0775	ND	U	0.0679
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	N-NITROSODIPHENYLAMINE	25.79	992.54	0.0222	J	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17
	PHENOL	126	18331	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	PYRIDINE			ND	U	0.17	ND	U	0.169	ND	U	0.186	ND	U	0.177	ND	U	0.189	ND	U	0.194	ND	U	0.17

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106119			KAFB-106119			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0170			SB0171			SB0286			SB0287			SB0288			SB0289			SB0291		
			SAMPLE_DATE	4-Mar-11			4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	ACENAPHTHENE	409.91	3441	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	ACENAPHTHYLENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	ANTHRACENE	6739	17203	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	BENZO(GHI)PERYLENE			ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	CHRYSENE	652.34	621.36	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	FLUORANTHENE	3108	2294	ND	U	0.017	ND	U	0.0169	ND	U	0.0186	ND	U	0.0177	ND	U	0.0189	ND	U	0.0194	ND	U	0.017
	FLUORENE	499.58	2294	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	NAPHTHALENE	0.08389	44.95	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	PHENANTHRENE	1669	1833	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
	PYRENE	2238	1720	ND	U	0.0338	ND	U	0.0337	ND	U	0.0371	ND	U	0.0353	ND	U	0.0376	ND	U	0.0387	ND	U	0.0339
Metals (mg/Kg), Method 6010	LEAD		400	2.77		0.24	2.2		0.25	8.41		0.27	6.21		0.25	9.02		0.27	12.1		0.28	3.75		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0290			SB0292			SB0293			SB0294			SB0295			SB0296			SB1747		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			250-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			7.79		2.06	1.57	J	2.05	20.8		2.26	2.39	J	2.09	2.17	J	2.19	8.22	J	2.18	49.3	J	2.09
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.28	ND	U	2.38	ND	U	2.17	ND	U	2.4	ND	U	2.71	10.8	J	2.04	2.56	J	2.01
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,1-DICHLOROPROPENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2,3-TRICHLOROBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	0.00417		0.000478
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	UJ	0.00838	ND	UJ	0.00247	ND	UJ	0.00231	ND	UJ	0.00249	ND	UJ	0.0026	ND	U	0.111	ND	UJ	0.00191
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00838	ND	U	0.00247	ND	U	0.00231	ND	U	0.00249	ND	U	0.0026	**0.198**	J	0.111	**0.0063**	J	0.00191
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	0.0405	J	0.0278	ND	U	0.000478
	1,3-DICHLOROBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,3-DICHLOROPROPANE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	1-CHLOROHEXANE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	2,2-DICHLOROPROPANE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	2-BUTANONE			ND	R	0.00838	ND	R	0.00247	0.00345	J	0.00231	ND	R	0.00249	ND	R	0.0026	1.46	J	0.111	0.149	J	0.00191
	2-CHLOROTOLUENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	2-HEXANONE			ND	UJ	0.00838	ND	UJ	0.00247	ND	UJ	0.00231	ND	UJ	0.00249	ND	UJ	0.0026	0.58		0.111	ND	UJ	0.00191
	2-PROPENAL	0.00015	0.64556	ND	R	0.0209	ND	R	0.00617	ND	R	0.00578	ND	R	0.00623	ND	R	0.00649	ND	U	0.278	ND	R	0.00478
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00838	ND	R	0.00247	ND	R	0.00231	ND	R	0.00249	ND	R	0.0026	ND	R	0.111	ND	R	0.00191
	4-CHLOROTOLUENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.00209	ND	UJ	0.000617	ND	UJ	0.000578	ND	UJ	0.000623	ND	UJ	0.000649	0.474	J	0.0278	0.0414	J	0.000478
	ACETONE	76.89	67456	ND	U	0.00838	ND	U	0.00247	ND	U	0.00231	ND	U	0.00249	ND	U	0.0026	3.2	J	0.111	0.325	J	0.19
	BENZENE	0.03696	15.49	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	**0.615**	J	0.0278	0.0111	J	0.000478
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00628	ND	U	0.00185	ND	U	0.00174	ND	U	0.00187	ND	U	0.00195	0.472	J	0.0835	0.0172	J	0.00143
	BROMOBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	BROMOCHLOROMETHANE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	BROMOFORM			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	BROMOMETHANE	0.03877	22.35	ND	U	0.00838	ND	U	0.00247	ND	U	0.00231	ND	U	0.00249	ND	U	0.0026	ND	U	0.111	ND	U	0.00191
	CARBON DISULFIDE	5.041	1935	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CHLOROBENZENE	1.077	508	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CHLOROETHANE	108.43	43576	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CHLOROFORM	0.00936	5.718	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00838	ND	U	0.00247	ND	U	0.00231	ND	U	0.00249	ND	U	0.0026	ND	U	0.111	ND	U	0.00191
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	DIBROMOMETHANE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	0.0528	J	0.0278	ND	U	0.000478
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	ISOPROPYLBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	M,P-XYLENES			ND	U	0.00419	ND	U	0.00123	ND	U	0.00116	ND	U	0.00125	ND	U	0.0013	0.309	J	0.0557	0.0104	J	0.000955
	METHYL TERT-BUTYL ETHER			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	NAPHTHALENE	0.08389	44.95	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	0.0101		0.000478
	N-BUTYLBENZENE			ND	UJ	0.00209	ND	UJ	0.000617	ND	UJ	0.000578	ND	UJ	0.000623	ND	UJ	0.000649	ND	U	0.0278	0.0023	J	0.000478
	N-PROPYLBENZENE			ND	UJ	0.00209	ND	UJ	0.000617	ND	UJ	0.000578	ND	UJ	0.000623	ND	UJ	0.000649	ND	U	0.0278	ND	UJ	0.000478
	O-XYLENE	24.68	9548	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	0.163	J	0.0278	0.00688	J	0.000478
	P-ISOPROPYLTOLUENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	SEC-BUTYLBENZENE			ND	UJ	0.00209	ND	UJ	0.000617	ND	UJ	0.000578	ND	UJ	0.000623	ND	UJ	0.000649	ND	U	0.0278	ND	UJ	0.000478
	STYRENE	31.23	8970	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TERT-BUTYLBENZENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TOLUENE	27.66	5570	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	2.59	J	0.0278	0.0479	J	0.000478
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	VINYL ACETATE	1.525	3646	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00209	ND	U	0.000617	ND	U	0.000578	ND	U	0.000623	ND	U	0.000649	ND	U	0.0278	ND	U	0.000478

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0290			SB0292			SB0293			SB0294			SB0295			SB0296			SB1747		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			250-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	1,3-DICHLOROBENZENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.343	ND	U	0.341	ND	U	0.373	ND	U	0.351	ND	U	0.362	ND	U	0.356	ND	U	0.339
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.343	ND	U	0.341	ND	U	0.373	ND	U	0.351	ND	U	0.362	ND	U	0.356	ND	U	0.339
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	2,6-DICHLOROPHENOL			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2,6-DINITROTOLUENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2-CHLORONAPHTHALENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2-METHYLPHENOL			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	2-NITROANILINE			ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	2-NITROPHENOL			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	3,3'-DICHLOROBENZIDINE			ND	U	0.346	ND	U	0.344	ND	U	0.376	ND	U	0.354	ND	U	0.365	ND	U	0.359	ND	U	0.342
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	3-NITROANILINE			ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.343	ND	U	0.341	ND	U	0.373	ND	U	0.351	ND	U	0.362	ND	U	0.356	ND	U	0.339
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	4-CHLOROANILINE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	UJ	0.0359	ND	U	0.0342
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	4-NITROANILINE			ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	4-NITROPHENOL			ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	BENZENAMINE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0595	J	0.0346	0.07	J	0.0344	0.847		0.0376	0.0708	J	0.0354	0.0583	J	0.0365	0.0412	J	0.0359	5.71		0.0342
	BUTYL BENZYL PHTHALATE			ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	CARBAZOLE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	DIBENZOFURAN			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	DI-N-BUTYL PHTHALATE			ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	0.0213	J	0.0172
	DI-N-OCTYL PHTHALATE			ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	ISOPHORONE	3.69	5119	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	NITROBENZENE	0.13727	49.41	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0693	ND	U	0.0688	ND	U	0.0753	ND	U	0.071	ND	U	0.0731	ND	U	0.0719	ND	U	0.0686
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0346	ND	U	0.0344	0.0124	J	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	0.164	J	0.0342
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172
	PHENOL	126	18331	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	PYRIDINE			ND	U	0.173	ND	U	0.172	ND	U	0.189	ND	U	0.178	ND	U	0.183	ND	U	0.18	ND	U	0.172

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106128		
			SAMPLE_NO	SB0290			SB0292			SB0293			SB0294			SB0295			SB0296			SB1747		
			SAMPLE_DATE	5-Mar-11			5-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11			6-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	41-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			250-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	0.0377	J	0.0342
	ACENAPHTHENE	409.91	3441	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	ACENAPHTHYLENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	ANTHRACENE	6739	17203	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	BENZO(GHI)PERYLENE			ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	CHRYSENE	652.34	621.36	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	FLUORANTHENE	3108	2294	ND	U	0.0173	ND	U	0.0172	ND	U	0.0189	ND	U	0.0178	ND	U	0.0183	ND	U	0.018	ND	U	0.0172
	FLUORENE	499.58	2294	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	NAPHTHALENE	0.08389	44.95	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	**0.0907**	J	0.0342
	PHENANTHRENE	1669	1833	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
	PYRENE	2238	1720	ND	U	0.0346	ND	U	0.0344	ND	U	0.0376	ND	U	0.0354	ND	U	0.0365	ND	U	0.0359	ND	U	0.0342
Metals (mg/Kg), Method 6010	LEAD		400	3.73		0.25	3.93		0.25	5.31		0.27	3.41		0.26	2.98		0.26	3.8		0.26	3.57		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
			SAMPLE_NO	SB0297			SB0298			SB0299			SB0300			SB0301			SB0302			SB0303			SB0304		
			SAMPLE_DATE	6-Mar-11			6-Mar-11			6-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.28	J	2.04	4.93		2.03	177		10.3	8.42		2.1	6.01		2.28	4.24	J	2.26	34.4		2.18	88.4		4.25
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.29	ND	U	2.33	3.83	J	2.25	ND	U	1.67	ND	U	2.4	ND	U	2.43	ND	U	2.44	ND	U	3.3
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,1-DICHLOROPROPENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2,3-TRICHLOROBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000573	ND	U	0.00053	0.00861	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00229	ND	U	0.00212	ND	U	0.00224	ND	R	0.00223	ND	R	0.0019	ND	R	0.0027	ND	R	0.00192	ND	R	0.00309
	1,2-DIBROMOETHANE	0.00032	0.57397	**0.00163**	J	0.00229	**0.00245**		0.00212	**0.00559**	J+	0.00224	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000573	ND	U	0.00053	0.00498	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,3-DICHLOROBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,3-DICHLOROPROPANE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	1-CHLOROHEXANE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	2,2-DICHLOROPROPANE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	2-BUTANONE			0.00406	J	0.00229	0.0301	J	0.00212	0.459	J	0.107	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	2-CHLOROTOLUENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	2-HEXANONE			ND	UJ	0.00229	ND	UJ	0.00212	ND	U	0.00224	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	2-PROPENAL	0.00015	0.64556	ND	R	0.00573	ND	R	0.0053	ND	U	0.00559	ND	U	0.00558	ND	U	0.00475	ND	U	0.00676	ND	U	0.00481	ND	U	0.00772
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00229	ND	R	0.00212	ND	R	0.00224	ND	R	0.00223	ND	R	0.0019	ND	R	0.0027	ND	R	0.00192	ND	R	0.00309
	4-CHLOROTOLUENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	4-METHYL-2-PENTANONE	7.579	5949	0.00596	J	0.000573	0.00788	J	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	ACETONE	76.89	67456	0.00676	J	0.00229	0.0599	J	0.00212	2.19		0.107	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	BENZENE	0.03696	15.49	0.00622		0.000573	0.0122		0.00053	0.0157	J+	0.000559	0.000283	J	0.000558	0.00141	J	0.000475	0.00223	J	0.000676	0.000159	J	0.000481	0.00039	J	0.000772
	BENZENE, DIMETHYL-	3.523	1086	0.000914	J	0.00172	0.00105	J	0.00159	0.0398	J+	0.00168	ND	U	0.00167	ND	U	0.00142	ND	U	0.00203	ND	U	0.00144	ND	U	0.00232
	BROMOBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	BROMOCHLOROMETHANE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	BROMOFORM			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	BROMOMETHANE	0.03877	22.35	ND	U	0.00229	ND	U	0.00212	ND	U	0.00224	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	CARBON DISULFIDE	5.041	1935	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CHLOROBENZENE	1.077	508	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CHLOROETHANE	108.43	43576	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CHLOROFORM	0.00936	5.718	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00229	ND	U	0.00212	ND	U	0.00224	ND	U	0.00223	ND	U	0.0019	ND	U	0.0027	ND	U	0.00192	ND	U	0.00309
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	DIBROMOMETHANE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.000573	ND	UJ	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	ETHYLBENZENE	0.29128	69.66	0.000286	J	0.000573	0.000306	J	0.00053	0.00528	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	ISOPROPYLBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	M,P-XYLENES			0.000914	J	0.00115	0.00105	J	0.00106	0.0265	J+	0.00112	ND	U	0.00112	ND	U	0.00095	ND	U	0.00135	ND	U	0.000962	ND	U	0.00154
	METHYL TERT-BUTYL ETHER			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	NAPHTHALENE	0.08389	44.95	ND	U	0.000573	ND	U	0.00053	**0.29**		0.0267	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	N-BUTYLBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	N-PROPYLBENZENE			ND	U	0.000573	ND	U	0.00053	0.0042	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	O-XYLENE	24.68	9548	ND	U	0.000573	ND	U	0.00053	0.0133	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	P-ISOPROPYLTOLUENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	SEC-BUTYLBENZENE			ND	U	0.000573	ND	U	0.00053	0.00438	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	STYRENE	31.23	8970	ND	U	0.000573	ND	U	0.00053	0.00459	J+	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TERT-BUTYLBENZENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TOLUENE	27.66	5570	0.0101		0.000573	0.0168		0.00053	0.0487	J+	0.000559	ND	U	0.000558	0.00062	J	0.000475	0.000968	J	0.000676	ND	U	0.000481	ND	U	0.000772
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	VINYL ACETATE	1.525	3646	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000573	ND	U	0.00053	ND	U	0.000559	ND	U	0.000558	ND	U	0.000475	ND	U	0.000676	ND	U	0.000481	ND	U	0.000772

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
			SAMPLE_NO	SB0297			SB0298			SB0299			SB0300			SB0301			SB0302			SB0303			SB0304		
			SAMPLE_DATE	6-Mar-11			6-Mar-11			6-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	1,3-DICHLOROBENZENE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.332	ND	U	0.335	ND	U	0.337	ND	U	0.352	ND	U	0.374	ND	U	0.375	ND	U	0.36	ND	U	0.347
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.332	ND	U	0.335	ND	U	0.337	ND	UJ	0.352	ND	UJ	0.374	ND	UJ	0.375	ND	UJ	0.36	ND	UJ	0.347
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	2,6-DICHLOROPHENOL			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2,6-DINITROTOLUENE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2-CHLORONAPHTHALENE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2-METHYLPHENOL			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	2-NITROANILINE			ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	2-NITROPHENOL			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	3,3'-DICHLOROBENZIDINE			ND	U	0.335	ND	U	0.338	ND	U	0.34	ND	U	0.355	ND	U	0.378	ND	U	0.378	ND	U	0.364	ND	U	0.35
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	3-NITROANILINE			ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.332	ND	U	0.335	ND	U	0.337	ND	U	0.352	ND	U	0.374	ND	U	0.375	ND	U	0.36	ND	U	0.347
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	4-CHLOROANILINE			ND	UJ	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	4-NITROANILINE			ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	4-NITROPHENOL			ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	BENZENAMINE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0852	J	0.0335	0.0635	J	0.0338	1.09		0.034	0.109	J	0.0355	0.682		0.0378	0.227	J	0.0378	8.79		0.0727	4.02	J	0.035
	BUTYL BENZYL PHTHALATE			ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	CARBAZOLE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	DIBENZOFURAN			ND	U	0.0335	ND	U	0.0338	0.0283	J	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	DI-N-BUTYL PHTHALATE			ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	0.0673	J	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	0.0472	J	0.0176
	DI-N-OCTYL PHTHALATE			ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	ISOPHORONE	3.69	5119	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	NITROBENZENE	0.13727	49.41	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.067	ND	U	0.0676	ND	U	0.0681	ND	U	0.0711	ND	U	0.0757	ND	U	0.0757	ND	U	0.0729	ND	U	0.0701
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0335	ND	U	0.0338	0.0391	J	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	0.0176	J	0.0364	0.0214	J	0.035
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	U	0.178	ND	U	0.189	ND	U	0.19	ND	U	0.182	ND	U	0.176
	PHENOL	126	18331	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	PYRIDINE			ND	U	0.168	ND	U	0.169	ND	U	0.171	ND	UJ	0.178	ND	UJ	0.189	ND	UJ	0.19	ND	UJ	0.182	ND	UJ	0.176

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106128			KAFB-106128			KAFB-106128			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
		SAMPLE_NO		SB0297			SB0298			SB0299			SB0300			SB0301			SB0302			SB0303			SB0304		
		SAMPLE_DATE		6-Mar-11			6-Mar-11			6-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11			1-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		300-350 FT			350-400 FT			400-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT			41-50 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0335	ND	U	0.0338	0.108	J	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	ACENAPHTHENE	409.91	3441	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	ACENAPHTHYLENE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	ANTHRACENE	6739	17203	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	BENZO(GHI)PERYLENE			ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	CHRYSENE	652.34	621.36	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	FLUORANTHENE	3108	2294	ND	U	0.0168	ND	U	0.0169	ND	U	0.0171	ND	U	0.0178	ND	U	0.0189	ND	U	0.019	ND	U	0.0182	ND	U	0.0176
	FLUORENE	499.58	2294	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	NAPHTHALENE	0.08389	44.95	ND	U	0.0335	ND	U	0.0338	**0.264**	J	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	PHENANTHRENE	1669	1833	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
	PYRENE	2238	1720	ND	U	0.0335	ND	U	0.0338	ND	U	0.034	ND	U	0.0355	ND	U	0.0378	ND	U	0.0378	ND	U	0.0364	ND	U	0.035
Metals (mg/Kg), Method 6010	LEAD		400	3.44		0.25	3.43		0.24	2.25		0.25	5.19		0.26	8.63		0.27	7.48		0.27	6.16		0.26	5.32		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
			SAMPLE_NO	SB0305			SB0306			SB0307			SB0308			SB0309			SB0310		
			SAMPLE_DATE	1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	50-100 FT			100-150 FT			150-200 FT			150-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			17.2		1.99	6.45		1.99	8.5	J	2.18	67.4	J	4.03	4.22		2.08	32		2.05
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.25	ND	U	2.51	ND	U	2.48	0.806	J	2.35	1.21	J	2.58	ND	U	2.26
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,1-DICHLOROPROPENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2,3-TRICHLOROBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00248	ND	R	0.00279	ND	R	0.00288	ND	R	0.00259	ND	R	0.00219	ND	R	0.00231
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00248	ND	U	0.00279	ND	U	0.00288	ND	U	0.00259	ND	U	0.00219	ND	U	0.00231
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,3-DICHLOROBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,3-DICHLOROPROPANE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	1-CHLOROHEXANE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	2,2-DICHLOROPROPANE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	2-BUTANONE			ND	U	0.00248	ND	U	0.00279	0.00174	J	0.00288	0.00147	J	0.00259	ND	U	0.00219	ND	U	0.00231
	2-CHLOROTOLUENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	2-HEXANONE			ND	U	0.00248	ND	U	0.00279	ND	U	0.00288	ND	U	0.00259	ND	U	0.00219	ND	U	0.00231
	2-PROPENAL	0.00015	0.64556	ND	U	0.00619	ND	U	0.00698	ND	U	0.0072	ND	U	0.00648	ND	U	0.00547	ND	U	0.00579
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00248	ND	R	0.00279	ND	R	0.00288	ND	R	0.00259	ND	R	0.00219	ND	R	0.00231
	4-CHLOROTOLUENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	ACETONE	76.89	67456	ND	U	0.00248	ND	U	0.00279	0.00391	J	0.00288	0.00856		0.00259	ND	U	0.00219	0.00272	J	0.00231
	BENZENE	0.03696	15.49	0.000373	J	0.000619	0.000283	J	0.000698	0.000163	J	0.00072	ND	U	0.000648	0.000156	J	0.000547	0.000483	J	0.000579
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00186	ND	U	0.00209	ND	U	0.00216	ND	U	0.00194	ND	U	0.00164	ND	U	0.00174
	BROMOBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	BROMOCHLOROMETHANE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	BROMOFORM			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	BROMOMETHANE	0.03877	22.35	ND	U	0.00248	ND	U	0.00279	ND	U	0.00288	ND	U	0.00259	ND	U	0.00219	ND	U	0.00231
	CARBON DISULFIDE	5.041	1935	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CHLOROBENZENE	1.077	508	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CHLOROETHANE	108.43	43576	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CHLOROFORM	0.00936	5.718	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00248	ND	U	0.00279	ND	U	0.00288	ND	U	0.00259	ND	U	0.00219	ND	U	0.00231
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	DIBROMOMETHANE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	ISOPROPYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	M,P-XYLENES			ND	U	0.00124	ND	U	0.0014	ND	U	0.00144	ND	U	0.0013	ND	U	0.00109	ND	U	0.00116
	METHYL TERT-BUTYL ETHER			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	NAPHTHALENE	0.08389	44.95	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	N-BUTYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	N-PROPYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	O-XYLENE	24.68	9548	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	P-ISOPROPYLTOLUENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	SEC-BUTYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	STYRENE	31.23	8970	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TERT-BUTYLBENZENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TOLUENE	27.66	5570	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	VINYL ACETATE	1.525	3646	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000619	ND	U	0.000698	ND	U	0.00072	ND	U	0.000648	ND	U	0.000547	ND	U	0.000579

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
			SAMPLE_NO	SB0305			SB0306			SB0307			SB0308			SB0309			SB0310		
			SAMPLE_DATE	1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	50-100 FT			100-150 FT			150-200 FT			150-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	1,3-DICHLOROBENZENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.334	ND	U	0.33	ND	U	0.36	ND	U	0.336	ND	U	0.339	ND	U	0.338
	2,4-DINITROPHENOL	1.05	122.21	ND	UJ	0.334	ND	U	0.33	ND	U	0.36	ND	U	0.336	ND	U	0.339	ND	U	0.338
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	2,6-DICHLOROPHENOL			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2,6-DINITROTOLUENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2-CHLORONAPHTHALENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2-METHYLPHENOL			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	2-NITROANILINE			ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	2-NITROPHENOL			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	3,3'-DICHLOROBENZIDINE			ND	U	0.337	ND	U	0.333	ND	U	0.363	ND	U	0.339	ND	U	0.342	ND	U	0.341
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	3-NITROANILINE			ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.334	ND	U	0.33	ND	U	0.36	ND	U	0.336	ND	U	0.339	ND	U	0.338
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	4-CHLOROANILINE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	4-NITROANILINE			ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	4-NITROPHENOL			ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	BENZENAMINE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BIS(2-ETHYLHEXYL)PHTHALATE			1.12		0.0337	0.544		0.0333	0.874	J	0.0363	3.52	J	0.0339	0.7		0.0342	1		0.0341
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	CARBAZOLE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	DIBENZOFURAN			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	DI-N-BUTYL PHTHALATE			0.0138	J	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	ISOPHORONE	3.69	5119	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	NITROBENZENE	0.13727	49.41	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0675	ND	U	0.0667	ND	U	0.0728	ND	U	0.0679	ND	U	0.0686	ND	U	0.0684
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171
	PHENOL	126	18331	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	PYRIDINE			ND	UJ	0.169	ND	U	0.167	ND	U	0.182	ND	U	0.17	ND	U	0.172	ND	U	0.171

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106129		
			SAMPLE_NO	SB0305			SB0306			SB0307			SB0308			SB0309			SB0310		
			SAMPLE_DATE	1-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG		
			SAMPLE_DEPTH	50-100 FT			100-150 FT			150-200 FT			150-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	ACENAPHTHENE	409.91	3441	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	ACENAPHTHYLENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	ANTHRACENE	6739	17203	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	CHRYSENE	652.34	621.36	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0167	ND	U	0.0182	ND	U	0.017	ND	U	0.0172	ND	U	0.0171
	FLUORENE	499.58	2294	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	NAPHTHALENE	0.08389	44.95	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	PHENANTHRENE	1669	1833	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
	PYRENE	2238	1720	ND	U	0.0337	ND	U	0.0333	ND	U	0.0363	ND	U	0.0339	ND	U	0.0342	ND	U	0.0341
Metals (mg/Kg), Method 6010	LEAD		400	3.52		0.24	1.09		0.24	3.15		0.52	4.11		0.49	3.86		0.5	2.95		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
			SAMPLE_NO	SB0311			SB0312			SB0313			SB0314			SB0315			SB0316			SB0317		
			SAMPLE_DATE	3-Mar-11			3-Mar-11			3-Mar-11			17-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			4.1	J	2.38	12.3		2.07	12.2		2.04	10.3		2.2	59.5		2.44	40.1	J+	2.24	24.8		2.2
Method 8015B	GASOLINE RANGE ORGANICS			2.14	J	3.56	ND	U	2.25	ND	U	2.16	ND	U	2.74	ND	U	2.6	ND	U	2.22	ND	U	2.31
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,1-DICHLOROPROPENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,2,3-TRICHLOROBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	0.00168	J	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00229	ND	R	0.00264	ND	R	0.00279	ND	U	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00229	ND	U	0.00264	ND	U	0.00279	ND	U	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,3-DICHLOROBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1,3-DICHLOROPROPANE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	1-CHLOROHEXANE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	2,2-DICHLOROPROPANE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	2-BUTANONE			ND	U	0.00229	0.00428	J	0.00264	0.00563	J	0.00279	0.00439	J	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	2-CHLOROTOLUENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	2-HEXANONE			ND	U	0.00229	ND	U	0.00264	ND	U	0.00279	ND	U	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	2-PROPENAL	0.00015	0.64556	ND	U	0.00572	ND	U	0.0066	ND	U	0.00696	ND	R	0.00825	ND	U	0.00646	ND	U	0.00876	ND	U	0.00743
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00229	ND	R	0.00264	ND	R	0.00279	ND	R	0.0033	ND	R	0.00259	ND	R	0.0035	ND	R	0.00297
	4-CHLOROTOLUENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	ACETONE	76.89	67456	0.00499	J	0.00229	0.0117		0.00264	0.0154		0.00279	0.121	J	0.0033	0.00758		0.00259	0.00695	J	0.0035	0.00296	J	0.00297
	BENZENE	0.03696	15.49	**0.279**		0.03	**0.0447**		0.00066	0.0251		0.000696	ND	U	0.000825	0.0047		0.000646	0.00278	J	0.000876	0.000481	J	0.000743
	BENZENE, DIMETHYL-	3.523	1086	0.0248		0.00171	0.00884		0.00198	0.00755	J	0.00209	ND	U	0.00248	0.00411	J	0.00194	ND	UJ	0.00263	ND	U	0.00223
	BROMOBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	BROMOCHLOROMETHANE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	BROMOFORM			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	BROMOMETHANE	0.03877	22.35	ND	U	0.00229	ND	U	0.00264	ND	U	0.00279	ND	UJ	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	CARBON DISULFIDE	5.041	1935	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CHLOROBENZENE	1.077	508	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CHLOROETHANE	108.43	43576	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CHLOROFORM	0.00936	5.718	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00229	ND	U	0.00264	ND	U	0.00279	ND	U	0.0033	ND	U	0.00259	ND	U	0.0035	ND	U	0.00297
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	DIBROMOMETHANE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	ETHYLBENZENE	0.29128	69.66	0.0116		0.000572	0.00222	J	0.00066	0.0012	J	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	ISOPROPYLBENZENE			0.00269		0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	M,P-XYLENES			0.0177		0.00114	0.00416	J	0.00132	0.00308	J	0.00139	ND	U	0.00165	0.00411	J	0.00129	ND	UJ	0.00175	ND	U	0.00149
	METHYL TERT-BUTYL ETHER			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	NAPHTHALENE	0.08389	44.95	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	N-BUTYLBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	N-PROPYLBENZENE			0.000754	J	0.000572	ND	U	0.00066	0.000163	J	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	O-XYLENE	24.68	9548	0.00719		0.000572	0.00468		0.00066	0.00447		0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	P-ISOPROPYLTOLUENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	SEC-BUTYLBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	STYRENE	31.23	8970	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	TERT-BUTYLBENZENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	UJ	0.000876	ND	U	0.000743
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	TOLUENE	27.66	5570	0.734		0.03	0.0754		0.00066	0.0397		0.000696	ND	U	0.000825	0.006		0.000646	0.00377		0.000876	0.00111	J	0.000743
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	VINYL ACETATE	1.525	3646	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000572	ND	U	0.00066	ND	U	0.000696	ND	U	0.000825	ND	U	0.000646	ND	U	0.000876	ND	U	0.000743

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
			SAMPLE_NO	SB0311			SB0312			SB0313			SB0314			SB0315			SB0316			SB0317		
			SAMPLE_DATE	3-Mar-11			3-Mar-11			3-Mar-11			17-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	1,3-DICHLOROBENZENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	U	0.187	ND	U	0.184
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.391	ND	U	0.341	ND	U	0.338	ND	U	0.367	ND	U	0.403	ND	U	0.37	ND	U	0.363
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.391	ND	U	0.341	ND	U	0.338	ND	U	0.367	ND	U	0.403	ND	U	0.37	ND	U	0.363
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	2,6-DICHLOROPHENOL			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2,6-DINITROTOLUENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2-CHLORONAPHTHALENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2-METHYLPHENOL			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	2-NITROANILINE			ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	2-NITROPHENOL			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	3,3'-DICHLOROBENZIDINE			ND	U	0.395	ND	U	0.344	ND	U	0.341	ND	U	0.37	ND	U	0.406	ND	U	0.373	ND	U	0.366
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	U	0.187	ND	U	0.184
	3-NITROANILINE			ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.391	ND	U	0.341	ND	U	0.338	ND	U	0.367	ND	U	0.403	ND	U	0.37	ND	U	0.363
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	4-CHLOROANILINE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	4-NITROANILINE			ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	U	0.187	ND	U	0.184
	4-NITROPHENOL			ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	U	0.187	ND	U	0.184
	BENZENAMINE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	UJ	0.0373	ND	U	0.0366
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BIS(2-ETHYLHEXYL)PHTHALATE			0.839		0.0395	1.73		0.0344	3.67		0.0341	0.0364	J	0.037	0.0258	J	0.0406	0.0742	J	0.0373	0.0426	J	0.0366
	BUTYL BENZYL PHTHALATE			ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	CARBAZOLE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	DIBENZOFURAN			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	DI-N-BUTYL PHTHALATE			ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	0.0674	J	0.0187	ND	U	0.0184
	DI-N-OCTYL PHTHALATE			ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	UJ	0.187	ND	U	0.184
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	ISOPHORONE	3.69	5119	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	NITROBENZENE	0.13727	49.41	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.079	ND	U	0.069	ND	U	0.0684	ND	U	0.0742	ND	U	0.0814	ND	U	0.0747	ND	U	0.0733
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	U	0.186	ND	U	0.204	ND	U	0.187	ND	U	0.184
	PHENOL	126	18331	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	PYRIDINE			ND	U	0.198	ND	U	0.173	ND	U	0.171	ND	UJ	0.186	ND	UJ	0.204	ND	UJ	0.187	ND	UJ	0.184

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106129			KAFB-106129			KAFB-106129			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
		SAMPLE_NO		SB0311			SB0312			SB0313			SB0314			SB0315			SB0316			SB0317		
		SAMPLE_DATE		3-Mar-11			3-Mar-11			3-Mar-11			17-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			31-40 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	ACENAPHTHENE	409.91	3441	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	ACENAPHTHYLENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	ANTHRACENE	6739	17203	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	BENZO(GHI)PERYLENE			ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	CHRYSENE	652.34	621.36	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	FLUORANTHENE	3108	2294	ND	U	0.0198	ND	U	0.0173	ND	U	0.0171	ND	U	0.0186	ND	U	0.0204	ND	U	0.0187	ND	U	0.0184
	FLUORENE	499.58	2294	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	NAPHTHALENE	0.08389	44.95	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	PHENANTHRENE	1669	1833	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
	PYRENE	2238	1720	ND	U	0.0395	ND	U	0.0344	ND	U	0.0341	ND	U	0.037	ND	U	0.0406	ND	U	0.0373	ND	U	0.0366
Metals (mg/Kg), Method 6010	LEAD		400	6.49		0.29	3.55		0.25	2.3		0.25	5.23		0.26	10.7		0.29	8.43	J-	0.27	6.04		0.27

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
			SAMPLE_NO	SB0320			SB0318			SB0319			SB0321			SB0322			SB0323			SB0324		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			40-50 FT			50-100 FT			151-200 FT			201-250 FT			251-300 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.55	J	2.03	2.69	J	2.11	15.2		2.27	1.68	J	2.2	11.3		2.1	22.4		2.06	1.4	J	2.06
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.62	ND	U	2.04	ND	U	2.18	ND	U	2.45	ND	U	2.49	ND	U	2.22	ND	U	2.09
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,1-DICHLOROPROPENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2,3-TRICHLOROBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00244	ND	U	0.00199	ND	U	0.00206	ND	R	0.00283	ND	U	0.00239	ND	U	0.00237	ND	U	0.00266
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00244	ND	U	0.00199	ND	U	0.00206	ND	U	0.00283	ND	U	0.00239	ND	U	0.00237	ND	U	0.00266
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,3-DICHLOROBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,3-DICHLOROPROPANE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	1-CHLOROHEXANE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	2,2-DICHLOROPROPANE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	2-BUTANONE			ND	U	0.00244	0.00466	J	0.00199	ND	U	0.00206	ND	U	0.00283	ND	U	0.00239	ND	U	0.00237	0.0031	J	0.00266
	2-CHLOROTOLUENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	2-HEXANONE			ND	U	0.00244	ND	U	0.00199	ND	U	0.00206	ND	U	0.00283	ND	U	0.00239	ND	U	0.00237	ND	U	0.00266
	2-PROPENAL	0.00015	0.64556	ND	U	0.00609	ND	U	0.00497	ND	U	0.00514	ND	U	0.00707	ND	R	0.00596	ND	R	0.00593	ND	R	0.00666
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00244	ND	R	0.00199	ND	R	0.00206	ND	R	0.00283	ND	R	0.00239	ND	R	0.00237	ND	R	0.00266
	4-CHLOROTOLUENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	ACETONE	76.89	67456	ND	U	0.00244	0.00301	J	0.00199	0.00352	J	0.00206	ND	U	0.00283	ND	U	0.00239	0.00414	J	0.00237	0.00913		0.00266
	BENZENE	0.03696	15.49	ND	U	0.000609	0.00028	J	0.000497	0.000653	J	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00183	ND	U	0.00149	ND	U	0.00154	ND	U	0.00212	ND	U	0.00179	ND	U	0.00178	ND	U	0.002
	BROMOBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	BROMOCHLOROMETHANE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	BROMOFORM			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	BROMOMETHANE	0.03877	22.35	ND	U	0.00244	ND	U	0.00199	ND	U	0.00206	ND	U	0.00283	ND	U	0.00239	ND	U	0.00237	ND	U	0.00266
	CARBON DISULFIDE	5.041	1935	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CHLOROBENZENE	1.077	508	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CHLOROETHANE	108.43	43576	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CHLOROFORM	0.00936	5.718	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00244	ND	U	0.00199	ND	U	0.00206	ND	U	0.00283	ND	U	0.00239	ND	U	0.00237	ND	U	0.00266
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	DIBROMOMETHANE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	ISOPROPYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	M,P-XYLENES			ND	U	0.00122	ND	U	0.000995	ND	U	0.00103	ND	U	0.00141	ND	U	0.00119	ND	U	0.00119	ND	U	0.00133
	METHYL TERT-BUTYL ETHER			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	0.00422	J	0.000596	ND	U	0.000593	ND	U	0.000666
	NAPHTHALENE	0.08389	44.95	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	N-BUTYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	N-PROPYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	O-XYLENE	24.68	9548	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	P-ISOPROPYLTOLUENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	SEC-BUTYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	STYRENE	31.23	8970	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	0.00258		0.000596	ND	U	0.000593	ND	U	0.000666
	TERT-BUTYLBENZENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TOLUENE	27.66	5570	ND	U	0.000609	0.000825	J	0.000497	0.0013	J	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	VINYL ACETATE	1.525	3646	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000609	ND	U	0.000497	ND	U	0.000514	ND	U	0.000707	ND	U	0.000596	ND	U	0.000593	ND	U	0.000666

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
			SAMPLE_NO	SB0320			SB0318			SB0319			SB0321			SB0322			SB0323			SB0324		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			40-50 FT			50-100 FT			151-200 FT			201-250 FT			251-300 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	1,3-DICHLOROBENZENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.337	ND	U	0.347	ND	U	0.369	ND	U	0.364	ND	U	0.347	ND	U	0.336	ND	U	0.34
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.337	ND	U	0.347	ND	U	0.369	ND	U	0.364	ND	U	0.347	ND	U	0.336	ND	U	0.34
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	2,6-DICHLOROPHENOL			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2,6-DINITROTOLUENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2-CHLORONAPHTHALENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2-METHYLPHENOL			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	2-NITROANILINE			ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	2-NITROPHENOL			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	3,3'-DICHLOROBENZIDINE			ND	U	0.34	ND	U	0.35	ND	U	0.373	ND	U	0.367	ND	U	0.35	ND	U	0.339	ND	U	0.343
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	3-NITROANILINE			ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.337	ND	U	0.347	ND	U	0.369	ND	U	0.364	ND	U	0.347	ND	U	0.336	ND	U	0.34
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	4-CHLORO-3-METHYLPHENOL			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	4-CHLOROANILINE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	4-NITROANILINE			ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	4-NITROPHENOL			ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	BENZENAMINE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.034	0.0342	J	0.035	0.077	J	0.0373	0.0759	J	0.0367	0.0477	J	0.035	0.269	J	0.0339	ND	U	0.0343
	BUTYL BENZYL PHTHALATE			ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	CARBAZOLE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	DIBENZOFURAN			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	DI-N-BUTYL PHTHALATE			ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	DI-N-OCTYL PHTHALATE			ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	ISOPHORONE	3.69	5119	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	NITROBENZENE	0.13727	49.41	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0682	ND	U	0.0701	ND	U	0.0747	ND	U	0.0735	ND	U	0.0702	ND	U	0.0678	ND	U	0.0687
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.171	ND	U	0.175	ND	U	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172
	PHENOL	126	18331	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	PYRIDINE			ND	U	0.171	ND	UJ	0.175	ND	UJ	0.187	ND	U	0.184	ND	U	0.176	ND	U	0.17	ND	U	0.172

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106130		
			SAMPLE_NO	SB0320			SB0318			SB0319			SB0321			SB0322			SB0323			SB0324		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	101-150 FT			40-50 FT			50-100 FT			151-200 FT			201-250 FT			251-300 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	ACENAPHTHENE	409.91	3441	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	ACENAPHTHYLENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	ANTHRACENE	6739	17203	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	BENZO(GHI)PERYLENE			ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	CHRYSENE	652.34	621.36	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	FLUORANTHENE	3108	2294	ND	U	0.0171	ND	U	0.0175	ND	U	0.0187	ND	U	0.0184	ND	U	0.0176	ND	U	0.017	ND	U	0.0172
	FLUORENE	499.58	2294	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	INDENO(1,2,3-CD)PYRENE			ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	NAPHTHALENE	0.08389	44.95	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	PHENANTHRENE	1669	1833	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
	PYRENE	2238	1720	ND	U	0.034	ND	U	0.035	ND	U	0.0373	ND	U	0.0367	ND	U	0.035	ND	U	0.0339	ND	U	0.0343
Metals (mg/Kg), Method 6010	LEAD		400	2.41		0.25	3.39		0.26	8.3		0.27	2.9		0.27	3.32		0.25	3.2		0.25	2.56		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
			SAMPLE_NO	SB0325			SB0326			SB0327			SB0328			SB0329			SB0330			SB0331		
			SAMPLE_DATE	19-Feb-11			19-Feb-11			19-Feb-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			1.45	J	2.06	2.35	J	2.04	73.2		4.1	2.35	J	2.2	2.57	J	2.06	21.8	J	2.18	10.6	J	2.2
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.28	ND	U	2.56	1.23	J	3.61	ND	U	1.97	ND	U	1.97	ND	U	2.15	ND	U	2.31
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,1-DICHLOROPROPENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2,3-TRICHLOROBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	ND	R	0.00229	ND	R	0.00238	ND	R	0.00192	ND	R	0.002
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	ND	U	0.00229	ND	U	0.00238	ND	U	0.00192	ND	U	0.002
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,3-DICHLOROBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,3-DICHLOROPROPANE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	1-CHLOROHEXANE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	2,2-DICHLOROPROPANE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	2-BUTANONE			ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	0.00479	J	0.00229	0.00532	J	0.00238	0.00232	J	0.00192	0.00247	J	0.002
	2-CHLOROTOLUENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	2-HEXANONE			ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	ND	U	0.00229	ND	U	0.00238	ND	U	0.00192	ND	U	0.002
	2-PROPENAL	0.00015	0.64556	ND	R	0.00977	ND	R	0.00677	ND	R	0.00902	ND	U	0.00573	ND	U	0.00596	ND	U	0.0048	ND	U	0.00501
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00391	ND	R	0.00271	ND	R	0.00361	ND	R	0.00229	ND	R	0.00238	ND	R	0.00192	ND	R	0.002
	4-CHLOROTOLUENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	ACETONE	76.89	67456	0.0204		0.00391	ND	U	0.00271	0.0176		0.00361	0.0118		0.00229	0.0116		0.00238	0.00316	J	0.00192	0.00399	J	0.002
	BENZENE	0.03696	15.49	ND	U	0.000977	0.00356		0.000677	0.0177		0.000902	0.000703	J	0.000573	0.000662	J	0.000596	0.00123	J	0.00048	0.00093	J	0.000501
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00293	ND	U	0.00203	0.013		0.00271	ND	U	0.00172	0.00167	J	0.00179	0.00183	J	0.00144	0.00157	J	0.0015
	BROMOBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	BROMOCHLOROMETHANE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	BROMOFORM			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	BROMOMETHANE	0.03877	22.35	ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	ND	U	0.00229	ND	U	0.00238	ND	U	0.00192	ND	U	0.002
	CARBON DISULFIDE	5.041	1935	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CHLOROBENZENE	1.077	508	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CHLOROETHANE	108.43	43576	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CHLOROFORM	0.00936	5.718	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00391	ND	U	0.00271	ND	U	0.00361	ND	U	0.00229	ND	U	0.00238	ND	U	0.00192	ND	U	0.002
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	DIBROMOMETHANE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000977	ND	U	0.000677	0.00341	J	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	ISOPROPYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	M,P-XYLENES			ND	U	0.00195	ND	U	0.00135	0.00888		0.0018	ND	U	0.00115	0.00167	J	0.00119	0.00183	J	0.00096	0.00157	J	0.001
	METHYL TERT-BUTYL ETHER			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	NAPHTHALENE	0.08389	44.95	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	N-BUTYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	N-PROPYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	O-XYLENE	24.68	9548	ND	U	0.000977	ND	U	0.000677	0.0041		0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	P-ISOPROPYLTOLUENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	SEC-BUTYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	STYRENE	31.23	8970	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TERT-BUTYLBENZENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TOLUENE	27.66	5570	ND	U	0.000977	0.00677		0.000677	0.041		0.000902	ND	U	0.000573	ND	U	0.000596	0.000388	J	0.00048	ND	U	0.000501
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	VINYL ACETATE	1.525	3646	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000977	ND	U	0.000677	ND	U	0.000902	ND	U	0.000573	ND	U	0.000596	ND	U	0.00048	ND	U	0.000501

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
			SAMPLE_NO	SB0325			SB0326			SB0327			SB0328			SB0329			SB0330			SB0331		
			SAMPLE_DATE	19-Feb-11			19-Feb-11			19-Feb-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			FD		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	1,3-DICHLOROBENZENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.335	ND	U	0.337	ND	U	0.337	ND	U	0.357	ND	U	0.346	ND	U	0.36	ND	U	0.363
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.335	ND	U	0.337	ND	U	0.337	ND	U	0.357	ND	U	0.346	ND	U	0.36	ND	U	0.363
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	2,6-DICHLOROPHENOL			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2,6-DINITROTOLUENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2-CHLORONAPHTHALENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2-METHYLPHENOL			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	2-NITROANILINE			ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	2-NITROPHENOL			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	3,3'-DICHLOROBENZIDINE			ND	U	0.338	ND	U	0.34	ND	U	0.34	ND	U	0.361	ND	U	0.349	ND	U	0.363	ND	U	0.366
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	3-NITROANILINE			ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.335	ND	U	0.337	ND	U	0.337	ND	U	0.357	ND	U	0.346	ND	U	0.36	ND	U	0.363
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	4-CHLOROANILINE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	4-NITROANILINE			ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	4-NITROPHENOL			ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	BENZENAMINE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0334	J	0.0338	0.0405	J	0.034	0.916		0.034	ND	U	0.0361	ND	U	0.0349	0.224	J	0.0363	0.0908	J	0.0366
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	CARBAZOLE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	DIBENZOFURAN			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	ISOPHORONE	3.69	5119	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	NITROBENZENE	0.13727	49.41	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0677	ND	U	0.0681	ND	U	0.0682	ND	U	0.0722	ND	U	0.07	ND	U	0.0727	ND	U	0.0733
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0338	ND	U	0.034	0.0173	J	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184
	PHENOL	126	18331	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	PYRIDINE			ND	U	0.169	ND	U	0.171	ND	U	0.171	ND	U	0.181	ND	U	0.175	ND	U	0.182	ND	U	0.184

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106130			KAFB-106130			KAFB-106130			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
		SAMPLE_NO		SB0325			SB0326			SB0327			SB0328			SB0329			SB0330			SB0331		
		SAMPLE_DATE		19-Feb-11			19-Feb-11			19-Feb-11			2-Mar-11			2-Mar-11			2-Mar-11			2-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			FD		
		SAMPLE_DEPTH		301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	ACENAPHTHENE	409.91	3441	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	ACENAPHTHYLENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	ANTHRACENE	6739	17203	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	CHRYSENE	652.34	621.36	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0171	ND	U	0.0171	ND	U	0.0181	ND	U	0.0175	ND	U	0.0182	ND	U	0.0184
	FLUORENE	499.58	2294	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	NAPHTHALENE	0.08389	44.95	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	PHENANTHRENE	1669	1833	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
	PYRENE	2238	1720	ND	U	0.0338	ND	U	0.034	ND	U	0.034	ND	U	0.0361	ND	U	0.0349	ND	U	0.0363	ND	U	0.0366
Metals (mg/Kg), Method 6010	LEAD		400	2.79		0.25	2.59		0.25	4.09		0.25	6.4		0.26	4.63		0.25	6.54		0.26	6.51		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
			SAMPLE_NO	SB0332			SB0333			SB0334			SB0335			SB0336			SB0337			SB0338		
			SAMPLE_DATE	2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			2.88	J	2.19	9.33		2.02	10.4		2.22	11.3		2.29	2.35	J	2.2	ND	U	2.58	7.64		2.08
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.13	ND	U	2	ND	U	2.36	ND	U	2.79	ND	U	2.5	ND	U	2.37	ND	U	1.96
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,1-DICHLOROPROPENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2,3-TRICHLOROBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	R	0.00202	ND	R	0.00193	ND	R	0.00198	ND	R	0.00313	ND	R	0.00226	ND	R	0.00214	ND	R	0.0018
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00202	ND	U	0.00193	ND	U	0.00198	ND	U	0.00313	ND	U	0.00226	ND	U	0.00214	ND	U	0.0018
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,3-DICHLOROBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,3-DICHLOROPROPANE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	1-CHLOROHEXANE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	2,2-DICHLOROPROPANE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	2-BUTANONE			0.00307	J	0.00202	0.00139	J	0.00193	0.00245	J	0.00198	0.008		0.00313	0.00367	J	0.00226	ND	U	0.00214	ND	U	0.0018
	2-CHLOROTOLUENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	2-HEXANONE			ND	U	0.00202	ND	U	0.00193	ND	U	0.00198	ND	U	0.00313	ND	U	0.00226	ND	U	0.00214	ND	U	0.0018
	2-PROPENAL	0.00015	0.64556	ND	U	0.00504	ND	U	0.00483	ND	U	0.00494	ND	U	0.00783	ND	U	0.00564	ND	U	0.00535	ND	U	0.0045
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00202	ND	R	0.00193	ND	R	0.00198	ND	R	0.00313	ND	R	0.00226	ND	R	0.00214	ND	R	0.0018
	4-CHLOROTOLUENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	ACETONE	76.89	67456	0.00411	J	0.00202	ND	U	0.00193	0.00461	J	0.00198	0.0219		0.00313	0.0104		0.00226	ND	U	0.00214	0.00427	J	0.0018
	BENZENE	0.03696	15.49	0.00041	J	0.000504	0.000214	J	0.000483	0.000434	J	0.000494	0.000648	J	0.000783	0.00061	J	0.000564	0.00115	J	0.000535	0.00111	J	0.00045
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00151	ND	U	0.00145	ND	U	0.00148	ND	U	0.00235	ND	U	0.00169	ND	U	0.0016	ND	U	0.00135
	BROMOBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	BROMOCHLOROMETHANE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	BROMOFORM			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	BROMOMETHANE	0.03877	22.35	ND	U	0.00202	ND	U	0.00193	ND	U	0.00198	ND	U	0.00313	ND	U	0.00226	ND	U	0.00214	ND	U	0.0018
	CARBON DISULFIDE	5.041	1935	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CHLOROBENZENE	1.077	508	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CHLOROETHANE	108.43	43576	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CHLOROFORM	0.00936	5.718	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00202	ND	U	0.00193	ND	U	0.00198	ND	U	0.00313	ND	U	0.00226	ND	U	0.00214	ND	U	0.0018
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	DIBROMOMETHANE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	ISOPROPYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	M,P-XYLENES			ND	U	0.00101	ND	U	0.000966	ND	U	0.000988	ND	U	0.00157	ND	U	0.00113	ND	U	0.00107	ND	U	0.000901
	METHYL TERT-BUTYL ETHER			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	NAPHTHALENE	0.08389	44.95	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	N-BUTYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	N-PROPYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	O-XYLENE	24.68	9548	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	P-ISOPROPYLTOLUENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	SEC-BUTYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	STYRENE	31.23	8970	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TERT-BUTYLBENZENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TOLUENE	27.66	5570	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	0.00164	J	0.000535	0.000818	J	0.00045
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	VINYL ACETATE	1.525	3646	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000504	ND	U	0.000483	ND	U	0.000494	ND	U	0.000783	ND	U	0.000564	ND	U	0.000535	ND	U	0.00045

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
			SAMPLE_NO	SB0332			SB0333			SB0334			SB0335			SB0336			SB0337			SB0338		
			SAMPLE_DATE	2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	1,3-DICHLOROBENZENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.361	ND	U	0.333	ND	U	0.366	ND	U	0.378	ND	U	0.362	ND	U	0.426	ND	U	0.342
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.361	ND	U	0.333	ND	U	0.366	ND	U	0.378	ND	U	0.362	ND	U	0.426	ND	U	0.342
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	2,6-DICHLOROPHENOL			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2,6-DINITROTOLUENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2-CHLORONAPHTHALENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2-METHYLPHENOL			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	2-NITROANILINE			ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	2-NITROPHENOL			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	3,3'-DICHLOROBENZIDINE			ND	U	0.364	ND	U	0.336	ND	U	0.369	ND	U	0.382	ND	U	0.365	ND	U	0.43	ND	U	0.346
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	3-NITROANILINE			ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.361	ND	U	0.333	ND	U	0.366	ND	U	0.378	ND	U	0.362	ND	U	0.426	ND	U	0.342
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	4-CHLOROANILINE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	4-NITROANILINE			ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	4-NITROPHENOL			ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	BENZENAMINE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0227	J	0.0364	0.0844	J	0.0336	0.105	J	0.0369	0.101	J	0.0382	ND	U	0.0365	0.034	J	0.043	0.0537	J	0.0346
	BUTYL BENZYL PHTHALATE			ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	CARBAZOLE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	DIBENZOFURAN			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	DI-N-BUTYL PHTHALATE			ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	DI-N-OCTYL PHTHALATE			ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	ISOPHORONE	3.69	5119	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	NITROBENZENE	0.13727	49.41	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0729	ND	U	0.0673	ND	U	0.074	ND	U	0.0765	ND	U	0.0731	ND	U	0.0862	ND	U	0.0692
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173
	PHENOL	126	18331	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	PYRIDINE			ND	U	0.182	ND	U	0.168	ND	U	0.185	ND	U	0.192	ND	U	0.183	ND	U	0.216	ND	U	0.173

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131		
		SAMPLE_NO		SB0332			SB0333			SB0334			SB0335			SB0336			SB0337			SB0338		
		SAMPLE_DATE		2-Mar-11			2-Mar-11			2-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11			3-Mar-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	ACENAPHTHENE	409.91	3441	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	ACENAPHTHYLENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	ANTHRACENE	6739	17203	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	BENZO(GHI)PERYLENE			ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	CHRYSENE	652.34	621.36	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	FLUORANTHENE	3108	2294	ND	U	0.0182	ND	U	0.0168	ND	U	0.0185	ND	U	0.0192	ND	U	0.0183	ND	U	0.0216	ND	U	0.0173
	FLUORENE	499.58	2294	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	NAPHTHALENE	0.08389	44.95	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	PHENANTHRENE	1669	1833	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
	PYRENE	2238	1720	ND	U	0.0364	ND	U	0.0336	ND	U	0.0369	ND	U	0.0382	ND	U	0.0365	ND	U	0.043	ND	U	0.0346
Metals (mg/Kg), Method 6010	LEAD		400	5.83		0.26	3.97		0.24	4.54		0.26	5.72		0.28	4.05		0.26	7.96		0.31	3.42		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106132			KAFB-106132			KAFB-106132		
			SAMPLE_NO	SB0339			SB0340			SB1749			SB0341			SB0342			SB0343			SB0344		
			SAMPLE_DATE	4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Feb-11			6-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			350-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			35.5		2	2.79	J	2.07	3.33	J	2.07	2.52	J	2.08	7.03	J	4.28	5.35		2.16	26.1		2.13
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.7	ND	U	2.45	ND	U	2.15	ND	U	2.02	ND	U	3.03	ND	U	2.53	ND	U	2.42
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	1,1-DICHLOROPROPENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2,3-TRICHLOROBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00224	ND	UJ	0.00264	ND	UJ	0.00222	ND	U	0.00204	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00224	ND	U	0.00264	ND	U	0.00222	**0.00261**		0.00204	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,3-DICHLOROBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,3-DICHLOROPROPANE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	1-CHLOROHEXANE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	2,2-DICHLOROPROPANE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	2-BUTANONE			0.00686	J	0.00224	ND	R	0.00264	ND	R	0.00222	0.00328	J	0.00204	ND	R	0.00229	ND	R	0.00246	ND	R	0.00189
	2-CHLOROTOLUENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	2-HEXANONE			ND	UJ	0.00224	ND	UJ	0.00264	ND	UJ	0.00222	ND	U	0.00204	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	2-PROPENAL	0.00015	0.64556	ND	R	0.0056	ND	R	0.00659	ND	R	0.00554	ND	R	0.00511	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00224	ND	R	0.00264	ND	R	0.00222	ND	R	0.00204	ND	R	0.00229	ND	R	0.00246	ND	R	0.00189
	4-CHLOROTOLUENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.00056	ND	UJ	0.000659	ND	UJ	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	ACETONE	76.89	67456	0.0112	J	0.00224	ND	U	0.00264	ND	U	0.00222	ND	U	0.00204	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	BENZENE	0.03696	15.49	0.00175	J	0.00056	ND	U	0.000659	0.00276		0.000554	**0.0944**		0.000511	ND	U	0.000573	0.00216	J	0.000616	0.00181	J	0.000473
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00168	ND	U	0.00198	ND	U	0.00166	0.019		0.00153	ND	U	0.00172	0.00295	J	0.00185	0.00167	J	0.00142
	BROMOBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	BROMOCHLOROMETHANE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	BROMOFORM			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	BROMOMETHANE	0.03877	22.35	ND	U	0.00224	ND	U	0.00264	ND	U	0.00222	ND	U	0.00204	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	CARBON DISULFIDE	5.041	1935	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	CHLOROBENZENE	1.077	508	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	CHLOROETHANE	108.43	43576	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	CHLOROFORM	0.00936	5.718	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00224	ND	U	0.00264	ND	U	0.00222	ND	U	0.00204	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	DIBROMOMETHANE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.00056	ND	U	0.000659	ND	U	0.000554	ND	UJ	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	0.00599		0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	ISOPROPYLBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	M,P-XYLENES			ND	U	0.00112	ND	U	0.00132	ND	U	0.00111	0.0117		0.00102	ND	U	0.00115	0.00295	J	0.00123	0.00167	J	0.000946
	METHYL TERT-BUTYL ETHER			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	NAPHTHALENE	0.08389	44.95	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.00229	ND	U	0.00246	ND	U	0.00189
	N-BUTYLBENZENE			ND	U	0.00056	ND	UJ	0.000659	ND	UJ	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	N-PROPYLBENZENE			ND	U	0.00056	ND	UJ	0.000659	ND	UJ	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	O-XYLENE	24.68	9548	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	0.00737		0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	P-ISOPROPYLTOLUENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	SEC-BUTYLBENZENE			ND	U	0.00056	ND	UJ	0.000659	ND	UJ	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	STYRENE	31.23	8970	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TERT-BUTYLBENZENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TOLUENE	27.66	5570	0.00112	J	0.00056	ND	U	0.000659	0.00242		0.000554	0.167		0.000511	ND	U	0.000573	0.00292		0.000616	0.00171	J	0.000473
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	VINYL ACETATE	1.525	3646	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00056	ND	U	0.000659	ND	U	0.000554	ND	U	0.000511	ND	U	0.000573	ND	U	0.000616	ND	U	0.000473

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106132			KAFB-106132			KAFB-106132		
			SAMPLE_NO	SB0339			SB0340			SB1749			SB0341			SB0342			SB0343			SB0344		
			SAMPLE_DATE	4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Feb-11			6-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			350-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	1,3-DICHLOROBENZENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.334	ND	U	0.344	ND	U	0.341	ND	U	0.345	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.334	ND	U	0.344	ND	U	0.341	ND	U	0.345	ND	U	0.357	ND	U	0.359	ND	U	0.35
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2,6-DICHLOROPHENOL			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2,6-DINITROTOLUENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2-CHLORONAPHTHALENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2-METHYLPHENOL			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	2-NITROANILINE			ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	2-NITROPHENOL			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	3,3'-DICHLOROBENZIDINE			ND	U	0.337	ND	U	0.347	ND	U	0.344	ND	U	0.348	ND	U	0.357	ND	U	0.359	ND	U	0.35
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.179	ND	U	0.18	ND	U	0.176
	3-NITROANILINE			ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.334	ND	U	0.344	ND	U	0.341	ND	U	0.345	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	4-CHLOROANILINE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.179	ND	U	0.18	ND	U	0.176
	4-NITROANILINE			ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.179	ND	U	0.18	ND	U	0.176
	4-NITROPHENOL			ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.179	ND	U	0.18	ND	U	0.176
	BENZENAMINE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BIS(2-ETHYLHEXYL)PHTHALATE			0.251	J	0.0337	ND	U	0.0347	0.0247	J	0.0344	ND	U	0.0348	0.0506	J	0.0357	0.355	J	0.0359	1.01		0.035
	BUTYL BENZYL PHTHALATE			ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	CARBAZOLE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	DIBENZOFURAN			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	DI-N-BUTYL PHTHALATE			ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	0.00956	J	0.018	ND	U	0.0176
	DI-N-OCTYL PHTHALATE			ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.179	ND	U	0.18	ND	U	0.176
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.179	ND	U	0.18	ND	U	0.176
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.179	ND	U	0.18	ND	U	0.176
	ISOPHORONE	3.69	5119	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	NITROBENZENE	0.13727	49.41	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0675	ND	U	0.0695	ND	U	0.0689	ND	U	0.0697	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PHENOL	126	18331	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PYRIDINE			ND	U	0.169	ND	U	0.174	ND	U	0.173	ND	U	0.174	ND	U	0.0357	ND	U	0.0359	ND	U	0.035

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106131			KAFB-106132			KAFB-106132			KAFB-106132		
			SAMPLE_NO	SB0339			SB0340			SB1749			SB0341			SB0342			SB0343			SB0344		
			SAMPLE_DATE	4-Mar-11			5-Mar-11			5-Mar-11			5-Mar-11			6-Feb-11			6-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	300-350 FT			350-400 FT			350-400 FT			401-450 FT			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	ACENAPHTHENE	409.91	3441	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	ACENAPHTHYLENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	ANTHRACENE	6739	17203	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	BENZO(GHI)PERYLENE			ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	CHRYSENE	652.34	621.36	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	FLUORANTHENE	3108	2294	ND	U	0.0169	ND	U	0.0174	ND	U	0.0173	ND	U	0.0174	ND	U	0.0179	ND	U	0.018	ND	U	0.0176
	FLUORENE	499.58	2294	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	NAPHTHALENE	0.08389	44.95	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PHENANTHRENE	1669	1833	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.0357	ND	U	0.0359	ND	U	0.035
	PYRENE	2238	1720	ND	U	0.0337	ND	U	0.0347	ND	U	0.0344	ND	U	0.0348	ND	U	0.179	ND	U	0.18	ND	U	0.176
Metals (mg/Kg), Method 6010	LEAD		400	2.66		0.24	4.14		0.25	4.38		0.25	2.69		0.25	5.53		0.26	6.5		0.26	4.96		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132		
			SAMPLE_NO	SB0345			SB0346			SB0347			SB0348			SB0349			SB0350			SB0351		
			SAMPLE_DATE	7-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11			8-Feb-11			8-Feb-11			8-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			41-50 FT			51-100 FT			100-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.19	3.62	J	2.15	2.56	J	2.14	2.21	J	2.17	ND	U	2.33	2.01	J	2.06	1.43	J	2.19
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.58	ND	U	1.99	ND	U	2.22	ND	U	2.2	ND	U	2.19	ND	U	2.33	ND	U	2.66
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.000602	ND	U	0.000637
	1,1-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2,3-TRICHLOROBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.00241	ND	U	0.00255
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.00241	ND	U	0.00255
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,3-DICHLOROBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,3-DICHLOROPROPANE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	1-CHLOROHEXANE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	2,2-DICHLOROPROPANE			ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.000602	ND	U	0.000637
	2-BUTANONE			0.018	J	0.00213	0.00472	J	0.00226	ND	R	0.00197	ND	R	0.00313	ND	R	0.00196	ND	R	0.00241	ND	R	0.00255
	2-CHLOROTOLUENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	2-HEXANONE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.00241	ND	U	0.00255
	2-PROPENAL	0.00015	0.64556	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.00602	ND	U	0.00637
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00213	ND	R	0.00226	ND	R	0.00197	ND	R	0.00313	ND	R	0.00196	ND	R	0.00241	ND	R	0.00255
	4-CHLOROTOLUENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	ACETONE	76.89	67456	0.0745		0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.00241	ND	U	0.00255
	BENZENE	0.03696	15.49	0.00271		0.000533	0.00097	J	0.000566	0.000959	J	0.000493	0.000701	J	0.000783	0.000545	J	0.00049	ND	U	0.000602	ND	U	0.000637
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.0016	ND	U	0.0017	ND	U	0.00148	ND	U	0.00235	ND	U	0.00147	ND	U	0.00181	ND	U	0.00191
	BROMOBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	BROMOCHLOROMETHANE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	BROMOFORM			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	BROMOMETHANE	0.03877	22.35	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.00241	ND	U	0.00255
	CARBON DISULFIDE	5.041	1935	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	CHLOROBENZENE	1.077	508	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	CHLOROETHANE	108.43	43576	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.000602	ND	U	0.000637
	CHLOROFORM	0.00936	5.718	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.00241	ND	U	0.00255
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	DIBROMOMETHANE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	ISOPROPYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	M,P-XYLENES			ND	U	0.00107	ND	U	0.00113	ND	U	0.000986	ND	U	0.00157	ND	U	0.000979	ND	U	0.0012	ND	U	0.00127
	METHYL TERT-BUTYL ETHER			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	NAPHTHALENE	0.08389	44.95	ND	U	0.00213	ND	U	0.00226	ND	U	0.00197	ND	U	0.00313	ND	U	0.00196	ND	U	0.000602	ND	U	0.000637
	N-BUTYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	N-PROPYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	O-XYLENE	24.68	9548	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	P-ISOPROPYLTOLUENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	SEC-BUTYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	STYRENE	31.23	8970	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TERT-BUTYLBENZENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TOLUENE	27.66	5570	0.00516		0.000533	0.00153	J	0.000566	0.00128	J	0.000493	0.00152	J	0.000783	0.000969	J	0.00049	ND	U	0.000602	ND	U	0.000637
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	VINYL ACETATE	1.525	3646	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000533	ND	U	0.000566	ND	U	0.000493	ND	U	0.000783	ND	U	0.00049	ND	U	0.000602	ND	U	0.000637

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132		
			SAMPLE_NO	SB0345			SB0346			SB0347			SB0348			SB0349			SB0350			SB0351		
			SAMPLE_DATE	7-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11			8-Feb-11			8-Feb-11			8-Feb-11		
			SAMPLE_PURPOSE	REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			41-50 FT			51-100 FT			100-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	1,3-DICHLOROBENZENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.36	ND	U	0.356	ND	U	0.354	ND	U	0.358	ND	U	0.384	ND	U	0.343	ND	U	0.371
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2,6-DICHLOROPHENOL			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2,6-DINITROTOLUENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2-CHLORONAPHTHALENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2-METHYLPHENOL			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	2-NITROANILINE			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	2-NITROPHENOL			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	3,3'-DICHLOROBENZIDINE			ND	U	0.36	ND	U	0.356	ND	U	0.354	ND	U	0.358	ND	U	0.384	ND	U	0.343	ND	U	0.371
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	3-NITROANILINE			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	4-CHLORO-3-METHYLPHENOL			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	4-CHLOROANILINE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	4-NITROANILINE			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	4-NITROPHENOL			ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	BENZENAMINE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0191	J	0.036	0.0774	J	0.0356	0.0704	J	0.0354	0.0962	J	0.0358	0.0481	J	0.0384	0.0475	J	0.0343	0.0331	J	0.0371
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	CARBAZOLE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	DIBENZOFURAN			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	DI-N-OCTYL PHTHALATE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
	ISOPHORONE	3.69	5119	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	NITROBENZENE	0.13727	49.41	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PHENOL	126	18331	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PYRIDINE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132		
		SAMPLE_NO		SB0345			SB0346			SB0347			SB0348			SB0349			SB0350			SB0351		
		SAMPLE_DATE		7-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11			8-Feb-11			8-Feb-11			8-Feb-11		
		SAMPLE_PURPOSE		REG			REG			FD			REG			REG			REG			REG		
		SAMPLE_DEPTH		31-40 FT			41-50 FT			41-50 FT			51-100 FT			100-150 FT			151-200 FT			201-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	ACENAPHTHENE	409.91	3441	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	ACENAPHTHYLENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	ANTHRACENE	6739	17203	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	CHRYSENE	652.34	621.36	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0179	ND	U	0.0178	ND	U	0.018	ND	U	0.0193	ND	U	0.0172	ND	U	0.0186
	FLUORENE	499.58	2294	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	INDENO(1,2,3-CD)PYRENE			ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	NAPHTHALENE	0.08389	44.95	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PHENANTHRENE	1669	1833	ND	U	0.036	ND	U	0.0356	ND	U	0.0354	ND	U	0.0358	ND	U	0.0384	ND	U	0.0343	ND	U	0.0371
	PYRENE	2238	1720	ND	U	0.181	ND	U	0.179	ND	U	0.178	ND	U	0.18	ND	U	0.193	ND	U	0.172	ND	U	0.186
Metals (mg/Kg), Method 6010	LEAD		400	6.02		0.26	5.16		0.26	4.64		0.26	5.76		0.26	7.39		0.28	2.19		0.25	1.91		0.27

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0352			SB0353			SB0354			SB0355			SB0356			SB0357			SB0358		
			SAMPLE_DATE	8-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.42	3.27	J	2.04	14.4		2.04	18.4		2.05	6.16		2.12	2.19	J	2.18	5.2		2.21
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.27	ND	U	1.92	ND	U	2.06	ND	U	1.85	ND	U	1.98	ND	U	2.62	ND	U	2.13
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	1,1-DICHLOROPROPENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2,3-TRICHLOROBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.0026	ND	U	0.00212	ND	U	0.00241	ND	U	0.00199	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.0026	ND	U	0.00212	ND	U	0.00241	ND	U	0.00199	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,3-DICHLOROBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,3-DICHLOROPROPANE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	1-CHLOROHEXANE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	2,2-DICHLOROPROPANE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	2-BUTANONE			ND	R	0.0026	ND	R	0.00212	ND	R	0.00241	ND	R	0.00199	ND	R	0.00257	ND	R	0.00214	ND	R	0.0023
	2-CHLOROTOLUENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	2-HEXANONE			ND	U	0.0026	ND	U	0.00212	ND	U	0.00241	ND	U	0.00199	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	2-PROPENAL	0.00015	0.64556	ND	U	0.0065	ND	U	0.0053	ND	U	0.00602	ND	U	0.00497	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0026	ND	R	0.00212	ND	R	0.00241	ND	R	0.00199	ND	R	0.00257	ND	R	0.00214	ND	R	0.0023
	4-CHLOROTOLUENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	ACETONE	76.89	67456	ND	U	0.0026	ND	U	0.00212	0.0196		0.00241	ND	U	0.00199	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	BENZENE	0.03696	15.49	0.00117	J	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	0.00151	J	0.000536	0.000657	J	0.000574
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00195	ND	U	0.00159	ND	U	0.00181	ND	U	0.00149	ND	U	0.00193	ND	U	0.00161	ND	U	0.00172
	BROMOBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	BROMOCHLOROMETHANE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	BROMOFORM			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	BROMOMETHANE	0.03877	22.35	ND	U	0.0026	ND	U	0.00212	ND	U	0.00241	ND	U	0.00199	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	CARBON DISULFIDE	5.041	1935	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	CHLOROBENZENE	1.077	508	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	CHLOROETHANE	108.43	43576	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	CHLOROFORM	0.00936	5.718	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	CHLOROMETHANE	0.08363	35.59	ND	U	0.0026	ND	U	0.00212	ND	U	0.00241	ND	U	0.00199	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	DIBROMOMETHANE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	ETHYLBENZENE	0.29128	69.66	0.00172	J	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	ISOPROPYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	M,P-XYLENES			ND	U	0.0013	ND	U	0.00106	ND	U	0.0012	ND	U	0.000995	ND	U	0.00129	ND	U	0.00107	ND	U	0.00115
	METHYL TERT-BUTYL ETHER			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	NAPHTHALENE	0.08389	44.95	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.00257	ND	U	0.00214	ND	U	0.0023
	N-BUTYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	N-PROPYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	O-XYLENE	24.68	9548	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	P-ISOPROPYLTOLUENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	SEC-BUTYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	STYRENE	31.23	8970	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TERT-BUTYLBENZENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TOLUENE	27.66	5570	0.00245	J	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	0.00238		0.000536	0.00121	J	0.000574
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	VINYL ACETATE	1.525	3646	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00065	ND	U	0.00053	ND	U	0.000602	ND	U	0.000497	ND	U	0.000643	ND	U	0.000536	ND	U	0.000574

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0352			SB0353			SB0354			SB0355			SB0356			SB0357			SB0358		
			SAMPLE_DATE	8-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	1,3-DICHLOROBENZENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.401	ND	U	0.338	ND	U	0.339	ND	U	0.341	ND	U	0.351	ND	U	0.358	ND	U	0.361
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2,6-DICHLOROPHENOL			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2,6-DINITROTOLUENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2-CHLORONAPHTHALENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2-METHYLPHENOL			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	2-NITROANILINE			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	2-NITROPHENOL			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	3,3'-DICHLOROBENZIDINE			ND	U	0.401	ND	U	0.338	ND	U	0.339	ND	U	0.341	ND	U	0.351	ND	U	0.358	ND	U	0.361
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	3-NITROANILINE			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	4-CHLOROANILINE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	4-NITROANILINE			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	4-NITROPHENOL			ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	BENZENAMINE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BIS(2-ETHYLHEXYL)PHTHALATE			0.0441	J	0.0401	0.0669	J	0.0338	0.493		0.0339	0.264	J	0.0341	0.0911	J	0.0351	0.0801	J	0.0358	0.128	J	0.0361
	BUTYL BENZYL PHTHALATE			ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	CARBAZOLE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	DIBENZOFURAN			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	DI-N-BUTYL PHTHALATE			ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	0.0105	J	0.0181
	DI-N-OCTYL PHTHALATE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
	ISOPHORONE	3.69	5119	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	NITROBENZENE	0.13727	49.41	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PHENOL	126	18331	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PYRIDINE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106132			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0352			SB0353			SB0354			SB0355			SB0356			SB0357			SB0358		
			SAMPLE_DATE	8-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			7-Feb-11			7-Feb-11			7-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450			0-10 FT			11-20 FT			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	ACENAPHTHENE	409.91	3441	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	ACENAPHTHYLENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	ANTHRACENE	6739	17203	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	BENZO(GHI)PERYLENE			ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	CHRYSENE	652.34	621.36	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	FLUORANTHENE	3108	2294	ND	U	0.0201	ND	U	0.017	ND	U	0.017	ND	U	0.0171	ND	U	0.0176	ND	U	0.018	ND	U	0.0181
	FLUORENE	499.58	2294	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	NAPHTHALENE	0.08389	44.95	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PHENANTHRENE	1669	1833	ND	U	0.0401	ND	U	0.0338	ND	U	0.0339	ND	U	0.0341	ND	U	0.0351	ND	U	0.0358	ND	U	0.0361
	PYRENE	2238	1720	ND	U	0.201	ND	U	0.17	ND	U	0.17	ND	U	0.171	ND	U	0.176	ND	U	0.18	ND	U	0.181
Metals (mg/Kg), Method 6010	LEAD		400	7.24		0.29	2.23		0.24	2.42		0.24	2.29		0.25	4.22		0.25	6.57		0.26	5.37		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0359			SB0360			SB0361			SB0362			SB0363			SB0364			SB0365		
			SAMPLE_DATE	7-Feb-11			7-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.3	10.7		2.11	136		4.41	103		4.51	22.5		2.27	94.3		4.16	37.8	J-	2.17
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.13	ND	U	2.32	ND	U	2.26	ND	U	1.88	ND	U	2.28	ND	U	1.74	ND	U	2.28
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00482	ND	U	0.00207	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,1-DICHLOROPROPENE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2,3-TRICHLOROBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2,4-TRIMETHYLBENZENE			0.0028	J	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00482	ND	U	0.00207	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.0012	ND	U	0.000517	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,3,5-TRIMETHYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,3-DICHLOROBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,3-DICHLOROPROPANE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	1-CHLOROHEXANE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	2,2-DICHLOROPROPANE			ND	U	0.00482	ND	U	0.00207	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	2-BUTANONE			ND	R	0.00482	ND	R	0.00207	ND	R	0.00252	ND	R	0.00411	ND	R	0.0024	ND	R	0.00252	ND	R	0.00305
	2-CHLOROTOLUENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	2-HEXANONE			ND	U	0.0012	ND	U	0.000517	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	2-PROPENAL	0.00015	0.64556	ND	U	0.00482	ND	U	0.00207	ND	U	0.00629	ND	U	0.0103	ND	U	0.006	ND	U	0.0063	ND	U	0.00762
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00482	ND	R	0.00207	ND	R	0.00252	ND	R	0.00411	ND	R	0.0024	ND	R	0.00252	ND	R	0.00305
	4-CHLOROTOLUENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	ACETONE	76.89	67456	ND	U	0.00482	ND	U	0.00207	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	BENZENE	0.03696	15.49	0.00761		0.0012	0.00153	J-	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	BENZENE, DIMETHYL-	3.523	1086	0.0138	J	0.00361	ND	UJ	0.00155	ND	U	0.00189	ND	U	0.00308	ND	U	0.0018	ND	U	0.00189	ND	U	0.00229
	BROMOBENZENE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	BROMOCHLOROMETHANE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	BROMOFORM			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	BROMOMETHANE	0.03877	22.35	ND	U	0.00482	ND	U	0.00207	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	CARBON DISULFIDE	5.041	1935	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CHLOROBENZENE	1.077	508	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CHLOROETHANE	108.43	43576	ND	U	0.00482	ND	U	0.00207	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CHLOROFORM	0.00936	5.718	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00482	ND	U	0.00207	ND	U	0.00252	ND	U	0.00411	ND	U	0.0024	ND	U	0.00252	ND	U	0.00305
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	CIS-1,3-DICHLOROPROPENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	DIBROMOMETHANE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	ETHYLBENZENE	0.29128	69.66	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	ISOPROPYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	M,P-XYLENES			0.00934	J	0.00241	ND	UJ	0.00103	ND	U	0.00126	ND	U	0.00205	ND	U	0.0012	ND	U	0.00126	ND	U	0.00152
	METHYL TERT-BUTYL ETHER			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	NAPHTHALENE	0.08389	44.95	ND	U	0.00482	ND	U	0.00207	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	N-BUTYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	N-PROPYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	O-XYLENE	24.68	9548	0.00442	J	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	P-ISOPROPYLTOLUENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	SEC-BUTYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	STYRENE	31.23	8970	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	0.00452		0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TERT-BUTYLBENZENE			ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TOLUENE	27.66	5570	0.0108		0.0012	0.00258	J-	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.0012	ND	UJ	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	VINYL ACETATE	1.525	3646	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.0012	ND	U	0.000517	ND	U	0.000629	ND	U	0.00103	ND	U	0.0006	ND	U	0.00063	ND	U	0.000762

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0359			SB0360			SB0361			SB0362			SB0363			SB0364			SB0365		
			SAMPLE_DATE	7-Feb-11			7-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	1,3-DICHLOROBENZENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.382	ND	U	0.347	ND	U	0.364	ND	U	0.376	ND	U	0.377	ND	U	0.35	ND	U	0.358
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2,6-DICHLOROPHENOL			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2,6-DINITROTOLUENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2-CHLORONAPHTHALENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2-METHYLPHENOL			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	2-NITROANILINE			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	2-NITROPHENOL			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	3,3'-DICHLOROBENZIDINE			ND	U	0.382	ND	U	0.347	ND	U	0.364	ND	U	0.376	ND	U	0.377	ND	U	0.35	ND	U	0.358
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	3-NITROANILINE			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	4-CHLOROANILINE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	4-NITROANILINE			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	4-NITROPHENOL			ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	BENZENAMINE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0382	0.127	J	0.0347	0.466		0.0364	0.494		0.0376	0.13	J	0.0377	0.436		0.035	0.0382	J	0.0358
	BUTYL BENZYL PHTHALATE			ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	CARBAZOLE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	DIBENZOFURAN			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	DI-N-BUTYL PHTHALATE			ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	0.00971	J	0.0175	ND	U	0.0179
	DI-N-OCTYL PHTHALATE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
	ISOPHORONE	3.69	5119	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	NITROBENZENE	0.13727	49.41	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0382	ND	U	0.0347	0.0195	J	0.0364	0.0182	J	0.0376	ND	U	0.0377	0.0258	J	0.035	ND	U	0.0358
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	PHENOL	126	18331	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	PYRIDINE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106133		
			SAMPLE_NO	SB0359			SB0360			SB0361			SB0362			SB0363			SB0364			SB0365		
			SAMPLE_DATE	7-Feb-11			7-Feb-11			8-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11			9-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40 FT			41-50 FT			51-100 FT			101-150 FT			151-200 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	ACENAPHTHENE	409.91	3441	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	ACENAPHTHYLENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	ANTHRACENE	6739	17203	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	BENZO(GHI)PERYLENE			ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	CHRYSENE	652.34	621.36	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	FLUORANTHENE	3108	2294	ND	U	0.0192	ND	U	0.0174	ND	U	0.0182	ND	U	0.0189	ND	U	0.0189	ND	U	0.0175	ND	U	0.0179
	FLUORENE	499.58	2294	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	NAPHTHALENE	0.08389	44.95	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	PHENANTHRENE	1669	1833	ND	U	0.0382	ND	U	0.0347	ND	U	0.0364	ND	U	0.0376	ND	U	0.0377	ND	U	0.035	ND	U	0.0358
	PYRENE	2238	1720	ND	U	0.192	ND	U	0.174	ND	U	0.182	ND	U	0.189	ND	U	0.189	ND	U	0.175	ND	U	0.179
Metals (mg/Kg), Method 6010	LEAD		400	8.11		0.28	4.59		0.25	4.89		0.27	5.95		0.27	4.83		0.27	2.63		0.25	4.6		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0366			SB0367			SB0368			SB0369			SB0370			SB0371			SB0372		
			SAMPLE_DATE	9-Feb-11			10-Feb-11			10-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			FD			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			40867			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			19.9		2.02	46		2.06	58.9		2.01	5.84		2.23	6.27	J	2.31	17.9	J	2.11	ND	U	2.07
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.17	ND	U	1.94	ND	U	1.96	ND	U	2.97	ND	U	2.12	ND	U	2.55	ND	U	2.56
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,1-DICHLOROPROPENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2,3-TRICHLOROBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00261	ND	U	0.00213	ND	U	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00261	ND	U	0.00213	ND	U	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,3-DICHLOROBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,3-DICHLOROPROPANE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	1-CHLOROHEXANE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	2,2-DICHLOROPROPANE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	2-BUTANONE			ND	R	0.00261	ND	R	0.00213	ND	R	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	2-CHLOROTOLUENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	2-HEXANONE			ND	U	0.00261	ND	U	0.00213	ND	U	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	2-PROPENAL	0.00015	0.64556	ND	U	0.00653	ND	U	0.00533	ND	U	0.00559	ND	U	0.00583	ND	U	0.00596	ND	U	0.00796	ND	U	0.0054
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00261	ND	R	0.00213	ND	R	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	4-CHLOROTOLUENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	ACETONE	76.89	67456	0.012		0.00261	ND	U	0.00213	ND	U	0.00224	0.00264	J	0.00233	0.00481	J	0.00239	ND	U	0.00318	ND	U	0.00216
	BENZENE	0.03696	15.49	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	0.00278	J	0.000596	0.00483	J	0.000796	ND	U	0.00054
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00196	ND	U	0.0016	ND	U	0.00168	ND	U	0.00175	0.00262	J	0.00179	0.00515	J	0.00239	ND	U	0.00162
	BROMOBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	BROMOCHLOROMETHANE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	BROMOFORM			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	BROMOMETHANE	0.03877	22.35	ND	U	0.00261	ND	U	0.00213	ND	U	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	CARBON DISULFIDE	5.041	1935	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CHLOROBENZENE	1.077	508	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CHLOROETHANE	108.43	43576	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CHLOROFORM	0.00936	5.718	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00261	ND	U	0.00213	ND	U	0.00224	ND	U	0.00233	ND	U	0.00239	ND	U	0.00318	ND	U	0.00216
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	DIBROMOMETHANE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	ISOPROPYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	M,P-XYLENES			ND	U	0.00131	ND	U	0.00107	ND	U	0.00112	ND	U	0.00117	0.00262	J	0.00119	0.00515	J	0.00159	ND	U	0.00108
	METHYL TERT-BUTYL ETHER			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	NAPHTHALENE	0.08389	44.95	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	N-BUTYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	N-PROPYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	O-XYLENE	24.68	9548	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	P-ISOPROPYLTOLUENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	SEC-BUTYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	STYRENE	31.23	8970	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TERT-BUTYLBENZENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TOLUENE	27.66	5570	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	0.00272	J	0.000596	0.00525	J	0.000796	ND	U	0.00054
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	VINYL ACETATE	1.525	3646	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000653	ND	U	0.000533	ND	U	0.000559	ND	U	0.000583	ND	U	0.000596	ND	U	0.000796	ND	U	0.00054

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0366			SB0367			SB0368			SB0369			SB0370			SB0371			SB0372		
			SAMPLE_DATE	9-Feb-11			10-Feb-11			10-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			FD			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			40867			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	1,3-DICHLOROBENZENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.372	ND	U	0.381	ND	U	0.351	ND	U	0.347
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.34	ND	U	0.343	ND	U	0.334	ND	U	0.372	ND	U	0.381	ND	U	0.351	ND	U	0.347
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	2,6-DICHLOROPHENOL			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2,6-DINITROTOLUENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2-CHLORONAPHTHALENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2-METHYLPHENOL			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	2-NITROANILINE			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	2-NITROPHENOL			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	3,3'-DICHLOROBENZIDINE			ND	U	0.34	ND	U	0.343	ND	U	0.334	ND	U	0.376	ND	U	0.384	ND	U	0.354	ND	U	0.35
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	3-NITROANILINE			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.372	ND	U	0.381	ND	U	0.351	ND	U	0.347
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	4-CHLORO-3-METHYLPHENOL			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	4-CHLOROANILINE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	4-NITROANILINE			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	4-NITROPHENOL			ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	BENZENAMINE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BIS(2-ETHYLHEXYL)PHTHALATE			0.048	J	0.034	0.122	J	0.0343	0.15	J	0.0334	0.152	J	0.0376	0.364	J	0.0384	0.163	J	0.0354	0.0355	J	0.035
	BUTYL BENZYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	CARBAZOLE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	DIBENZOFURAN			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	DI-N-BUTYL PHTHALATE			ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	DI-N-OCTYL PHTHALATE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	ISOPHORONE	3.69	5119	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	NITROBENZENE	0.13727	49.41	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0753	ND	U	0.077	ND	U	0.0709	ND	U	0.0701
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175
	PHENOL	126	18331	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	PYRIDINE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.188	ND	U	0.193	ND	U	0.177	ND	U	0.175

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106133			KAFB-106133			KAFB-106133			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0366			SB0367			SB0368			SB0369			SB0370			SB0371			SB0372		
			SAMPLE_DATE	9-Feb-11			10-Feb-11			10-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11			18-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			FD			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			401-450 FT			0-10 FT			11-20 FT			40867			21-30 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	ACENAPHTHENE	409.91	3441	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	ACENAPHTHYLENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	ANTHRACENE	6739	17203	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	BENZO(GHI)PERYLENE			ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	CHRYSENE	652.34	621.36	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	FLUORANTHENE	3108	2294	ND	U	0.017	ND	U	0.0172	ND	U	0.0167	ND	U	0.0188	ND	U	0.0193	ND	U	0.0177	ND	U	0.0175
	FLUORENE	499.58	2294	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	INDENO(1,2,3-CD)PYRENE			ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	NAPHTHALENE	0.08389	44.95	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	PHENANTHRENE	1669	1833	ND	U	0.034	ND	U	0.0343	ND	U	0.0334	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
	PYRENE	2238	1720	ND	U	0.17	ND	U	0.172	ND	U	0.167	ND	U	0.0376	ND	U	0.0384	ND	U	0.0354	ND	U	0.035
Metals (mg/Kg), Method 6010	LEAD		400	3.54		0.25	4.46		0.25	2.91		0.24	6.01		0.27	7.35		0.28	7.62		0.26	5.84		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0373			SB0374			SB0375			SB0376			SB0377			SB0378			SB0379		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40			41-50 FT			51-100 FT			101-150 FT			151-217 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			3.44	J	2.14	ND	U	2.19	ND	U	2.06	6.58		2.13	2.2	J	2.03	9.15		2.11	1.62	J	2.03
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.16	ND	U	2.96	ND	U	2.58	ND	U	2.2	ND	U	2.22	ND	U	2.35	ND	U	2.1
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,1-DICHLOROPROPENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2,3-TRICHLOROBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,3-DICHLOROBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,3-DICHLOROPROPANE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	1-CHLOROHEXANE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	2,2-DICHLOROPROPANE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	2-BUTANONE			ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	2-CHLOROTOLUENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	2-HEXANONE			ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	2-PROPENAL	0.00015	0.64556	ND	U	0.0164	ND	U	0.0116	ND	U	0.00605	ND	U	0.00584	ND	U	0.00597	ND	U	0.00558	ND	R	0.00497
	2-PROPENENITRILE	0.00164	5.97	ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	R	0.00199
	4-CHLOROTOLUENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	ACETONE	76.89	67456	0.0177		0.00658	0.0159		0.00463	ND	U	0.00242	ND	U	0.00234	0.0392		0.00239	ND	U	0.00223	0.0152		0.00199
	BENZENE	0.03696	15.49	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00493	ND	U	0.00348	ND	U	0.00181	ND	U	0.00175	ND	U	0.00179	ND	U	0.00168	ND	U	0.00149
	BROMOBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	BROMOCHLOROMETHANE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	BROMOFORM			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	BROMOMETHANE	0.03877	22.35	ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	CARBON DISULFIDE	5.041	1935	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CHLOROBENZENE	1.077	508	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CHLOROETHANE	108.43	43576	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CHLOROFORM	0.00936	5.718	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00658	ND	U	0.00463	ND	U	0.00242	ND	U	0.00234	ND	U	0.00239	ND	U	0.00223	ND	U	0.00199
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	DIBROMOMETHANE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	ISOPROPYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	M,P-XYLENES			ND	U	0.00329	ND	U	0.00232	ND	U	0.00121	ND	U	0.00117	ND	U	0.00119	ND	U	0.00112	ND	U	0.000993
	METHYL TERT-BUTYL ETHER			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	NAPHTHALENE	0.08389	44.95	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	N-BUTYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	N-PROPYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	O-XYLENE	24.68	9548	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	P-ISOPROPYLTOLUENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	SEC-BUTYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	STYRENE	31.23	8970	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TERT-BUTYLBENZENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TOLUENE	27.66	5570	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	VINYL ACETATE	1.525	3646	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00164	ND	U	0.00116	ND	U	0.000605	ND	U	0.000584	ND	U	0.000597	ND	U	0.000558	ND	U	0.000497

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0373			SB0374			SB0375			SB0376			SB0377			SB0378			SB0379		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40			41-50 FT			51-100 FT			101-150 FT			151-217 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	1,3-DICHLOROBENZENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.353	ND	U	0.359	ND	U	0.338	ND	U	0.356	ND	U	0.336	ND	U	0.346	ND	U	0.333
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.353	ND	U	0.359	ND	U	0.338	ND	U	0.356	ND	U	0.336	ND	U	0.346	ND	U	0.333
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	2,6-DICHLOROPHENOL			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2,6-DINITROTOLUENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2-CHLORONAPHTHALENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2-METHYLPHENOL			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	2-NITROANILINE			ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	2-NITROPHENOL			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	3,3'-DICHLOROBENZIDINE			ND	U	0.356	ND	U	0.363	ND	U	0.341	ND	U	0.359	ND	U	0.339	ND	U	0.349	ND	U	0.336
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	3-NITROANILINE			ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.353	ND	U	0.359	ND	U	0.338	ND	U	0.356	ND	U	0.336	ND	U	0.346	ND	U	0.333
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	4-CHLOROANILINE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	4-NITROANILINE			ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	4-NITROPHENOL			ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	BENZENAMINE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BIS(2-ETHYLHEXYL)PHTHALATE			0.234	J	0.0356	0.238	J	0.0363	0.117	J	0.0341	0.178	J	0.0359	0.0517	J	0.0339	0.217	J	0.0349	0.0506	J	0.0336
	BUTYL BENZYL PHTHALATE			ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	CARBAZOLE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	DIBENZOFURAN			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	DI-N-BUTYL PHTHALATE			ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	DI-N-OCTYL PHTHALATE			ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	ISOPHORONE	3.69	5119	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	NITROBENZENE	0.13727	49.41	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0713	ND	U	0.0727	ND	U	0.0683	ND	U	0.072	ND	U	0.068	ND	U	0.0699	ND	U	0.0674
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169
	PHENOL	126	18331	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	PYRIDINE			ND	U	0.178	ND	U	0.182	ND	U	0.171	ND	U	0.18	ND	U	0.17	ND	U	0.175	ND	U	0.169

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134		
			SAMPLE_NO	SB0373			SB0374			SB0375			SB0376			SB0377			SB0378			SB0379		
			SAMPLE_DATE	18-Feb-11			18-Feb-11			18-Feb-11			19-Feb-11			19-Feb-11			19-Feb-11			20-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	31-40			41-50 FT			51-100 FT			101-150 FT			151-217 FT			201-250 FT			251-300 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	ACENAPHTHENE	409.91	3441	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	ACENAPHTHYLENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	ANTHRACENE	6739	17203	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	BENZO(GHI)PERYLENE			ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	CHRYSENE	652.34	621.36	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	FLUORANTHENE	3108	2294	ND	U	0.0178	ND	U	0.0182	ND	U	0.0171	ND	U	0.018	ND	U	0.017	ND	U	0.0175	ND	U	0.0169
	FLUORENE	499.58	2294	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	NAPHTHALENE	0.08389	44.95	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	PHENANTHRENE	1669	1833	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
	PYRENE	2238	1720	ND	U	0.0356	ND	U	0.0363	ND	U	0.0341	ND	U	0.0359	ND	U	0.0339	ND	U	0.0349	ND	U	0.0336
Metals (mg/Kg), Method 6010	LEAD		400	7.49		0.26	5.35		0.27	6.91		0.25	6.73		0.26	3.85		0.24	3.3		0.25	3.11		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106143			KAFB-106143			KAFB-106143		
			SAMPLE_NO	SB0380			SB0381			SB0382			SB1750			SB0383			SB0385			SB0386		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			400-460 FT			400-460 FT			0-1 FT			40827			15-16 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			46.8		2.05	2.66	J	2.07	69	J	4.04	29.1	J	2.02	1.59	J	2.08	ND	U	2.18	ND	U	2.23
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.43	ND	U	2.39	ND	U	2.07	ND	U	2.66	ND	U	2.69	ND	U	2.27	ND	U	1.84
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,1-DICHLOROPROPENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2,3-TRICHLOROBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	ND	U	0.00278
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	ND	U	0.00278
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,3-DICHLOROBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,3-DICHLOROPROPANE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	1-CHLOROHEXANE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	2,2-DICHLOROPROPANE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	2-BUTANONE			ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	0.00286	J	0.00278
	2-CHLOROTOLUENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	2-HEXANONE			ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	ND	U	0.00278
	2-PROPENAL	0.00015	0.64556	ND	R	0.00693	ND	R	0.00568	ND	R	0.00574	ND	R	0.00757	ND	U	0.00565	ND	U	0.00556	ND	U	0.00694
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00277	ND	R	0.00227	ND	R	0.00229	ND	R	0.00303	ND	R	0.00226	ND	R	0.00223	ND	R	0.00278
	4-CHLOROTOLUENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	ACETONE	76.89	67456	ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	0.00445	J	0.00226	0.00241	J	0.00223	0.00284	J	0.00278
	BENZENE	0.03696	15.49	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	0.000353	J	0.000694
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00208	ND	U	0.0017	ND	U	0.00172	ND	U	0.00227	ND	U	0.0017	ND	U	0.00167	ND	U	0.00208
	BROMOBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	BROMOCHLOROMETHANE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	BROMOFORM			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	BROMOMETHANE	0.03877	22.35	ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	ND	U	0.00278
	CARBON DISULFIDE	5.041	1935	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CHLOROBENZENE	1.077	508	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CHLOROETHANE	108.43	43576	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CHLOROFORM	0.00936	5.718	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00277	ND	U	0.00227	ND	U	0.00229	ND	U	0.00303	ND	U	0.00226	ND	U	0.00223	ND	U	0.00278
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	DIBROMOMETHANE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	ISOPROPYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	M,P-XYLENES			ND	U	0.00139	ND	U	0.00114	ND	U	0.00115	ND	U	0.00151	ND	U	0.00113	ND	U	0.00111	ND	U	0.00139
	METHYL TERT-BUTYL ETHER			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	UJ	0.000694
	NAPHTHALENE	0.08389	44.95	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	N-BUTYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	N-PROPYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	O-XYLENE	24.68	9548	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	P-ISOPROPYLTOLUENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	SEC-BUTYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	STYRENE	31.23	8970	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TERT-BUTYLBENZENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TOLUENE	27.66	5570	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	0.00137	J	0.000556	0.00099	J	0.000694
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	VINYL ACETATE	1.525	3646	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000693	ND	U	0.000568	ND	U	0.000574	ND	U	0.000757	ND	U	0.000565	ND	U	0.000556	ND	U	0.000694

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106143			KAFB-106143			KAFB-106143		
			SAMPLE_NO	SB0380			SB0381			SB0382			SB1750			SB0383			SB0385			SB0386		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			400-460 FT			400-460 FT			0-1 FT			40827			15-16 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	1,3-DICHLOROBENZENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.339	ND	U	0.337	ND	U	0.335	ND	U	0.335	ND	U	0.344	ND	U	0.356	ND	U	0.362
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.339	ND	U	0.337	ND	U	0.335	ND	U	0.335	ND	U	0.344	ND	U	0.356	ND	U	0.362
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	2,6-DICHLOROPHENOL			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2,6-DINITROTOLUENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2-CHLORONAPHTHALENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2-METHYLPHENOL			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	2-NITROANILINE			ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	2-NITROPHENOL			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	3,3'-DICHLOROBENZIDINE			ND	U	0.342	ND	U	0.34	ND	U	0.338	ND	U	0.338	ND	U	0.347	ND	U	0.359	ND	U	0.366
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	3-NITROANILINE			ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.339	ND	U	0.337	ND	U	0.335	ND	U	0.335	ND	U	0.344	ND	U	0.356	ND	U	0.362
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	4-CHLOROANILINE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	4-NITROANILINE			ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	4-NITROPHENOL			ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	BENZENAMINE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BIS(2-ETHYLHEXYL)PHTHALATE			0.598		0.0342	0.0529	J	0.034	0.342		0.0338	0.308	J	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BUTYL BENZYL PHTHALATE			ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	CARBAZOLE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	DIBENZOFURAN			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	DI-N-BUTYL PHTHALATE			ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	DI-N-OCTYL PHTHALATE			ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	ISOPHORONE	3.69	5119	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	NITROBENZENE	0.13727	49.41	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0686	ND	U	0.0681	ND	U	0.0676	ND	U	0.0677	ND	U	0.0694	ND	U	0.0719	ND	U	0.0732
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	U	0.174	ND	U	0.18	ND	U	0.183
	PHENOL	126	18331	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	PYRIDINE			ND	U	0.172	ND	U	0.17	ND	U	0.169	ND	U	0.169	ND	UJ	0.174	ND	UJ	0.18	ND	UJ	0.183

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106134			KAFB-106143			KAFB-106143			KAFB-106143		
			SAMPLE_NO	SB0380			SB0381			SB0382			SB1750			SB0383			SB0385			SB0386		
			SAMPLE_DATE	20-Feb-11			20-Feb-11			20-Feb-11			20-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	301-350 FT			351-400 FT			400-460 FT			400-460 FT			0-1 FT			40827			15-16 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	ACENAPHTHENE	409.91	3441	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	ACENAPHTHYLENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	ANTHRACENE	6739	17203	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	BENZO(GHI)PERYLENE			ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	CHRYSENE	652.34	621.36	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	FLUORANTHENE	3108	2294	ND	U	0.0172	ND	U	0.017	ND	U	0.0169	ND	U	0.0169	ND	U	0.0174	ND	U	0.018	ND	U	0.0183
	FLUORENE	499.58	2294	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	NAPHTHALENE	0.08389	44.95	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	PHENANTHRENE	1669	1833	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
	PYRENE	2238	1720	ND	U	0.0342	ND	U	0.034	ND	U	0.0338	ND	U	0.0338	ND	U	0.0347	ND	U	0.0359	ND	U	0.0366
Metals (mg/Kg), Method 6010	LEAD		400	3.63		0.24	2.81		0.25	2.71	J	0.24	5.65	J	0.24	46.9		0.25	6.2		0.26	6.44		0.27

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106143			KAFB-106143			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144		
			SAMPLE_NO	SB0387			SB0384			SB0388			SB0389			SB0390			SB0391			SB0392		
			SAMPLE_DATE	17-Feb-11			17-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	20-21 FT			5-6 FT			0-1 FT			5-6 FT			10-11 FT			15-16 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.14	ND	U	2.1	1.48	J	2.2	ND	U	2.11	ND	U	2.21	1.85	J	2.09	ND	U	2.09
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	1.85	ND	U	1.81	ND	U	2.46	ND	U	2.19	ND	U	3.29	ND	U	3.38	ND	U	2.25
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,1-DICHLOROPROPENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2,3-TRICHLOROBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00183	ND	U	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	ND	U	0.00215
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00183	ND	U	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	ND	U	0.00215
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,3-DICHLOROBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,3-DICHLOROPROPANE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	1-CHLOROHEXANE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	2,2-DICHLOROPROPANE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	2-BUTANONE			ND	U	0.00183	ND	U	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	0.00457	J	0.00215
	2-CHLOROTOLUENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	2-HEXANONE			ND	U	0.00183	ND	U	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	ND	U	0.00215
	2-PROPENAL	0.00015	0.64556	ND	U	0.00457	ND	R	0.00529	ND	U	0.00579	ND	U	0.00506	ND	U	0.00642	ND	U	0.00743	ND	U	0.00536
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00183	ND	R	0.00212	ND	R	0.00232	ND	R	0.00202	ND	R	0.00257	ND	R	0.00297	ND	R	0.00215
	4-CHLOROTOLUENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	ACETONE	76.89	67456	0.00346	J	0.00183	0.00747	J	0.00212	0.0123	J	0.00232	0.00473	J	0.00202	0.00491	J	0.00257	0.00221	J	0.00297	0.00305	J	0.00215
	BENZENE	0.03696	15.49	0.00114	J	0.000457	ND	U	0.000529	0.000225	J	0.000579	0.000677	J	0.000506	0.00144	J	0.000642	0.000228	J	0.000743	0.000512	J	0.000536
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00137	ND	U	0.00159	ND	U	0.00174	ND	U	0.00152	ND	U	0.00193	ND	U	0.00223	ND	U	0.00161
	BROMOBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	BROMOCHLOROMETHANE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	BROMOFORM			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	BROMOMETHANE	0.03877	22.35	ND	U	0.00183	ND	UJ	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	ND	U	0.00215
	CARBON DISULFIDE	5.041	1935	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CHLOROBENZENE	1.077	508	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CHLOROETHANE	108.43	43576	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CHLOROFORM	0.00936	5.718	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00183	ND	U	0.00212	ND	U	0.00232	ND	U	0.00202	ND	U	0.00257	ND	U	0.00297	ND	U	0.00215
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	DIBROMOMETHANE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	ISOPROPYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	M,P-XYLENES			ND	U	0.000915	ND	U	0.00106	ND	U	0.00116	ND	U	0.00101	ND	U	0.00128	ND	U	0.00149	ND	U	0.00107
	METHYL TERT-BUTYL ETHER			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	METHYLENE CHLORIDE	0.21487	199.48	ND	UJ	0.000457	ND	U	0.000529	ND	UJ	0.000579	ND	UJ	0.000506	ND	UJ	0.000642	ND	UJ	0.000743	ND	UJ	0.000536
	NAPHTHALENE	0.08389	44.95	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	N-BUTYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	N-PROPYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	O-XYLENE	24.68	9548	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	P-ISOPROPYLTOLUENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	SEC-BUTYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	STYRENE	31.23	8970	ND	UJ	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TERT-BUTYLBENZENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TOLUENE	27.66	5570	0.00199		0.000457	ND	U	0.000529	0.000764	J	0.000579	0.00117	J	0.000506	0.00227	J	0.000642	0.000791	J	0.000743	0.00109	J	0.000536
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	VINYL ACETATE	1.525	3646	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000457	ND	U	0.000529	ND	U	0.000579	ND	U	0.000506	ND	U	0.000642	ND	U	0.000743	ND	U	0.000536

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106143			KAFB-106143			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144		
			SAMPLE_NO	SB0387			SB0384			SB0388			SB0389			SB0390			SB0391			SB0392		
			SAMPLE_DATE	17-Feb-11			17-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	20-21 FT			5-6 FT			0-1 FT			5-6 FT			10-11 FT			15-16 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
Method 8270C	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	1,3-DICHLOROBENZENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.359	ND	U	0.346	ND	U	0.356	ND	U	0.349	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.359	ND	U	0.346	ND	U	0.356	ND	U	0.349	ND	U	0.368	ND	U	0.349	ND	U	0.353
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2,6-DICHLOROPHENOL			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2,6-DINITROTOLUENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2-CHLORONAPHTHALENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2-METHYLPHENOL			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	2-NITROANILINE			ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.184	ND	U	0.175	ND	U	0.177
	2-NITROPHENOL			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	3,3'-DICHLOROBENZIDINE			ND	U	0.362	ND	U	0.349	ND	U	0.36	ND	U	0.352	ND	UJ	0.368	ND	UJ	0.349	ND	UJ	0.353
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.184	ND	U	0.175	ND	U	0.177
	3-NITROANILINE			ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	UJ	0.184	ND	UJ	0.175	ND	UJ	0.177
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.359	ND	U	0.346	ND	U	0.356	ND	U	0.349	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	4-CHLOROANILINE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	UJ	0.0368	ND	UJ	0.0349	ND	UJ	0.0353
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.184	ND	U	0.175	ND	U	0.177
	4-NITROANILINE			ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.184	ND	U	0.175	ND	U	0.177
	4-NITROPHENOL			ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.184	ND	U	0.175	ND	U	0.177
	BENZENAMINE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	UJ	0.0368	ND	UJ	0.0349	ND	UJ	0.0353
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BUTYL BENZYL PHTHALATE			ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	CARBAZOLE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	DIBENZOFURAN			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	DI-N-BUTYL PHTHALATE			ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	DI-N-OCTYL PHTHALATE			ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.184	ND	U	0.175	ND	U	0.177
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.184	ND	U	0.175	ND	U	0.177
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.184	ND	U	0.175	ND	U	0.177
	ISOPHORONE	3.69	5119	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	NITROBENZENE	0.13727	49.41	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0725	ND	U	0.0699	ND	U	0.072	ND	U	0.0705	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.181	ND	U	0.175	ND	U	0.18	ND	U	0.176	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PHENOL	126	18331	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PYRIDINE			ND	UJ	0.181	ND	UJ	0.175	ND	UJ	0.18	ND	UJ	0.176	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106143			KAFB-106143			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144			KAFB-106144		
		SAMPLE_NO		SB0387			SB0384			SB0388			SB0389			SB0390			SB0391			SB0392		
		SAMPLE_DATE		17-Feb-11			17-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
		SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG		
		SAMPLE_DEPTH		20-21 FT			5-6 FT			0-1 FT			5-6 FT			10-11 FT			15-16 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	ACENAPHTHENE	409.91	3441	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	ACENAPHTHYLENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	ANTHRACENE	6739	17203	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	BENZO(GHI)PERYLENE			ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	CHRYSENE	652.34	621.36	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	FLUORANTHENE	3108	2294	ND	U	0.0181	ND	U	0.0175	ND	U	0.018	ND	U	0.0176	ND	U	0.0184	ND	U	0.0175	ND	U	0.0177
	FLUORENE	499.58	2294	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	NAPHTHALENE	0.08389	44.95	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PHENANTHRENE	1669	1833	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.0368	ND	U	0.0349	ND	U	0.0353
	PYRENE	2238	1720	ND	U	0.0362	ND	U	0.0349	ND	U	0.036	ND	U	0.0352	ND	U	0.184	ND	U	0.175	ND	U	0.177
Metals (mg/Kg), Method 6010	LEAD		400	5.22	J-	0.26	4.19		0.25	10.3		0.26	5.41		0.25	7.77		0.26	6.41		0.25	4.47		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106144			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106146		
			SAMPLE_NO	SB0393			SB1723			SB1725			SB1726			SB1727			SB1724			SB1728		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	20-21 FT			0-1			10-11 FT			15-16 FT			20-21			5-6 FT			0-1 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.1	1.82	J	2.13	ND	U	2.22	ND	U	2.18	ND	U	2.13	ND	U	2.2	ND	U	2.11
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.23	ND	U	2.2	ND	U	2.23	ND	U	1.95	ND	U	2.65	ND	U	4.25	ND	U	1.95
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,1-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2,3-TRICHLOROBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000536	ND	U	0.000583	0.00136	J	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00214	ND	U	0.00233	ND	U	0.00208	ND	U	0.00232	ND	U	0.00244	ND	U	0.00299	ND	U	0.00194
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00214	ND	U	0.00233	ND	U	0.00208	ND	U	0.00232	ND	U	0.00244	ND	U	0.00299	ND	U	0.00194
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,3-DICHLOROBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,3-DICHLOROPROPANE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	1-CHLOROHEXANE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	2,2-DICHLOROPROPANE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	2-BUTANONE			0.00792		0.00214	0.0121		0.00233	ND	U	0.00208	0.00291	J	0.00232	ND	U	0.00244	ND	U	0.00299	ND	U	0.00194
	2-CHLOROTOLUENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	2-HEXANONE			ND	U	0.00214	ND	U	0.00233	ND	U	0.00208	ND	U	0.00232	ND	U	0.00244	ND	U	0.00299	ND	U	0.00194
	2-PROPENAL	0.00015	0.64556	ND	U	0.00536	ND	U	0.00583	ND	U	0.00519	ND	R	0.00581	ND	U	0.00609	ND	U	0.00747	ND	R	0.00486
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00214	ND	R	0.00233	ND	R	0.00208	ND	R	0.00232	ND	R	0.00244	ND	R	0.00299	ND	R	0.00194
	4-CHLOROTOLUENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	ACETONE	76.89	67456	0.00266	J	0.00214	0.019	J	0.00233	0.00615	J	0.00208	ND	UJ	0.00232	0.00428	J	0.00244	0.0062	J	0.00299	ND	UJ	0.00194
	BENZENE	0.03696	15.49	0.000645	J	0.000536	0.000203	J	0.000583	0.00268		0.000519	ND	U	0.000581	0.00144	J	0.000609	0.000419	J	0.000747	ND	U	0.000486
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00161	ND	U	0.00175	0.00284	J	0.00156	ND	U	0.00174	ND	U	0.00183	ND	U	0.00224	ND	U	0.00146
	BROMOBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	BROMOCHLOROMETHANE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	BROMOFORM			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	BROMOMETHANE	0.03877	22.35	ND	U	0.00214	ND	U	0.00233	ND	U	0.00208	ND	UJ	0.00232	ND	U	0.00244	ND	U	0.00299	ND	UJ	0.00194
	CARBON DISULFIDE	5.041	1935	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CHLOROBENZENE	1.077	508	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CHLOROETHANE	108.43	43576	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CHLOROFORM	0.00936	5.718	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00214	ND	U	0.00233	ND	U	0.00208	ND	U	0.00232	ND	U	0.00244	ND	U	0.00299	ND	U	0.00194
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	DIBROMOMETHANE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	ISOPROPYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	M,P-XYLENES			ND	U	0.00107	ND	U	0.00117	0.00284	J	0.00104	ND	U	0.00116	ND	U	0.00122	ND	U	0.00149	ND	U	0.000971
	METHYL TERT-BUTYL ETHER			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	METHYLENE CHLORIDE	0.21487	199.48	ND	UJ	0.000536	ND	UJ	0.000583	ND	UJ	0.000519	ND	U	0.000581	ND	UJ	0.000609	ND	UJ	0.000747	ND	U	0.000486
	NAPHTHALENE	0.08389	44.95	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	N-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	N-PROPYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	O-XYLENE	24.68	9548	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	P-ISOPROPYLTOLUENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	SEC-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	STYRENE	31.23	8970	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TERT-BUTYLBENZENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TOLUENE	27.66	5570	0.00107	J	0.000536	0.000729	J	0.000583	0.00384		0.000519	ND	U	0.000581	0.00228	J	0.000609	0.000953	J	0.000747	ND	U	0.000486
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	VINYL ACETATE	1.525	3646	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000536	ND	U	0.000583	ND	U	0.000519	ND	U	0.000581	ND	U	0.000609	ND	U	0.000747	ND	U	0.000486

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106144			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106146		
			SAMPLE_NO	SB0393			SB1723			SB1725			SB1726			SB1727			SB1724			SB1728		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	20-21 FT			0-1			10-11 FT			15-16 FT			20-21			5-6 FT			0-1 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	1,3-DICHLOROBENZENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.35	ND	U	0.358	ND	U	0.371	ND	U	0.362	ND	U	0.35	ND	U	0.368	ND	U	0.352
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2,6-DICHLOROPHENOL			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2,6-DINITROTOLUENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2-CHLORONAPHTHALENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2-METHYLPHENOL			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	2-NITROANILINE			ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	2-NITROPHENOL			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.35	ND	U	0.358	ND	U	0.371	ND	U	0.362	ND	U	0.35	ND	U	0.368	ND	UJ	0.352
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	3-NITROANILINE			ND	UJ	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	UJ	0.177
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	4-CHLORO-3-METHYLPHENOL			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	4-CHLOROANILINE			ND	UJ	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	UJ	0.0352
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	4-NITROANILINE			ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	4-NITROPHENOL			ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	BENZENAMINE			ND	UJ	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	UJ	0.0352
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BUTYL BENZYL PHTHALATE			ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	CARBAZOLE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	DIBENZOFURAN			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	DI-N-BUTYL PHTHALATE			ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	0.0329	J	0.0175	ND	U	0.0185	ND	U	0.0177
	DI-N-OCTYL PHTHALATE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
	ISOPHORONE	3.69	5119	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	NITROBENZENE	0.13727	49.41	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PHENOL	126	18331	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PYRIDINE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106144			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106145			KAFB-106146		
			SAMPLE_NO	SB0393			SB1723			SB1725			SB1726			SB1727			SB1724			SB1728		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	FD			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH	20-21 FT			0-1			10-11 FT			15-16 FT			20-21			5-6 FT			0-1 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	ACENAPHTHENE	409.91	3441	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	ACENAPHTHYLENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	ANTHRACENE	6739	17203	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	BENZO(GHI)PERYLENE			ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	CHRYSENE	652.34	621.36	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	FLUORANTHENE	3108	2294	ND	U	0.0176	ND	U	0.018	ND	U	0.0186	ND	U	0.0181	ND	U	0.0175	ND	U	0.0185	ND	U	0.0177
	FLUORENE	499.58	2294	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	INDENO(1,2,3-CD)PYRENE			ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	NAPHTHALENE	0.08389	44.95	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PHENANTHRENE	1669	1833	ND	U	0.035	ND	U	0.0358	ND	U	0.0371	ND	U	0.0362	ND	U	0.035	ND	U	0.0368	ND	U	0.0352
	PYRENE	2238	1720	ND	U	0.176	ND	U	0.18	ND	U	0.186	ND	U	0.181	ND	U	0.175	ND	U	0.185	ND	U	0.177
Metals (mg/Kg), Method 6010	LEAD		400	4.53		0.25	11.8		0.26	6.84		0.27	8.54		0.26	5.17		0.26	6.1		0.27	8.63		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106147			KAFB-106147		
			SAMPLE_NO	SB1730			SB1731			SB1732			SB1733			SB1729			SB1734			SB1736		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	10-11 FT			15-16 FT			20-21 FT			20-21 FT			5-6 FT			0-1 FT			10-11 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			ND	U	2.44	1.65	J	2.27	ND	U	2.22	ND	U	2.24	ND	U	2.14	ND	U	2.09	56.6		2.14
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	2.35	ND	U	2.29	ND	U	2.01	ND	U	1.8	ND	U	2.16	ND	U	2.16	1.74	J	3.16
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,1-DICHLOROPROPENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2,3-TRICHLOROBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2,4-TRIMETHYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	0.00242		0.000574	ND	U	0.0015	0.0135	J+	0.000984
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00232	ND	U	0.00217	ND	U	0.00217	ND	U	0.00195	ND	U	0.0023	ND	U	0.00599	ND	U	0.00394
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00232	ND	U	0.00217	ND	U	0.00217	ND	U	0.00195	ND	U	0.0023	ND	U	0.00599	ND	U	0.00394
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,3,5-TRIMETHYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	0.00951	J+	0.000984
	1,3-DICHLOROBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,3-DICHLOROPROPANE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	1-CHLOROHEXANE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	2,2-DICHLOROPROPANE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	2-BUTANONE			ND	U	0.00232	0.00296	J	0.00217	ND	U	0.00217	ND	U	0.00195	ND	U	0.0023	ND	U	0.00599	ND	U	0.00394
	2-CHLOROTOLUENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	2-HEXANONE			ND	U	0.00232	ND	U	0.00217	ND	U	0.00217	ND	U	0.00195	ND	U	0.0023	ND	U	0.00599	ND	U	0.00394
	2-PROPENAL	0.00015	0.64556	ND	R	0.00579	ND	R	0.00544	ND	R	0.00543	ND	R	0.00488	ND	R	0.00574	ND	R	0.015	ND	R	0.00984
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.00232	ND	R	0.00217	ND	R	0.00217	ND	R	0.00195	ND	R	0.0023	ND	R	0.00599	ND	R	0.00394
	4-CHLOROTOLUENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	ACETONE	76.89	67456	0.00534	J	0.00232	ND	UJ	0.00217	ND	UJ	0.00217	0.00368	J	0.00195	ND	UJ	0.0023	ND	UJ	0.00599	0.0345	J+	0.00394
	BENZENE	0.03696	15.49	0.0025		0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.00174	ND	U	0.00163	ND	U	0.00163	ND	U	0.00146	ND	U	0.00172	ND	U	0.00449	ND	U	0.00295
	BROMOBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	BROMOCHLOROMETHANE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	BROMOFORM			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	BROMOMETHANE	0.03877	22.35	ND	UJ	0.00232	ND	UJ	0.00217	ND	UJ	0.00217	ND	UJ	0.00195	ND	UJ	0.0023	ND	UJ	0.00599	ND	UJ	0.00394
	CARBON DISULFIDE	5.041	1935	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CHLOROBENZENE	1.077	508	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CHLOROETHANE	108.43	43576	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CHLOROFORM	0.00936	5.718	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00232	ND	U	0.00217	ND	U	0.00217	ND	U	0.00195	ND	U	0.0023	ND	U	0.00599	ND	U	0.00394
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	CIS-1,3-DICHLOROPROPENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	DIBROMOMETHANE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	ETHYLBENZENE	0.29128	69.66	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	ISOPROPYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	M,P-XYLENES			ND	U	0.00116	ND	U	0.00109	ND	U	0.00109	ND	U	0.000977	ND	U	0.00115	ND	U	0.003	ND	U	0.00197
	METHYL TERT-BUTYL ETHER			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	NAPHTHALENE	0.08389	44.95	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	0.0502	J+	0.000984
	N-BUTYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	N-PROPYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	O-XYLENE	24.68	9548	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	P-ISOPROPYLTOLUENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	SEC-BUTYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	STYRENE	31.23	8970	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TERT-BUTYLBENZENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TOLUENE	27.66	5570	0.00417		0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	0.00294		0.000574	ND	U	0.0015	ND	U	0.000984
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	VINYL ACETATE	1.525	3646	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.000579	ND	U	0.000544	ND	U	0.000543	ND	U	0.000488	ND	U	0.000574	ND	U	0.0015	ND	U	0.000984

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106147			KAFB-106147		
			SAMPLE_NO	SB1730			SB1731			SB1732			SB1733			SB1729			SB1734			SB1736		
			SAMPLE_DATE	16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH	10-11 FT			15-16 FT			20-21 FT			20-21 FT			5-6 FT			0-1 FT			10-11 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	1,3-DICHLOROBENZENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.402	ND	U	0.377	ND	U	0.372	ND	U	0.375	ND	U	0.357	ND	U	0.348	ND	U	0.36
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2,6-DICHLOROPHENOL			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2,6-DINITROTOLUENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2-CHLORONAPHTHALENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2-METHYLPHENOL			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	2-NITROANILINE			ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	2-NITROPHENOL			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.402	ND	UJ	0.377	ND	UJ	0.372	ND	UJ	0.375	ND	UJ	0.357	ND	UJ	0.348	ND	UJ	0.36
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	3-NITROANILINE			ND	UJ	0.202	ND	UJ	0.189	ND	UJ	0.187	ND	UJ	0.188	ND	UJ	0.179	ND	UJ	0.174	ND	UJ	0.181
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	4-CHLOROANILINE			ND	UJ	0.0402	ND	UJ	0.0377	ND	UJ	0.0372	ND	UJ	0.0375	ND	UJ	0.0357	ND	UJ	0.0348	ND	UJ	0.036
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	4-NITROANILINE			ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	4-NITROPHENOL			ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	BENZENAMINE			ND	UJ	0.0402	ND	UJ	0.0377	ND	UJ	0.0372	ND	UJ	0.0375	ND	UJ	0.0357	ND	UJ	0.0348	ND	UJ	0.036
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BUTYL BENZYL PHTHALATE			ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	CARBAZOLE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	DIBENZOFURAN			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	0.0134	J	0.036
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	DI-N-BUTYL PHTHALATE			ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	DI-N-OCTYL PHTHALATE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
	ISOPHORONE	3.69	5119	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	NITROBENZENE	0.13727	49.41	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PHENOL	126	18331	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PYRIDINE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106146			KAFB-106147			KAFB-106147		
		SAMPLE_NO		SB1730			SB1731			SB1732			SB1733			SB1729			SB1734			SB1736		
		SAMPLE_DATE		16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11			16-Feb-11		
		SAMPLE_PURPOSE		REG			REG			REG			FD			REG			REG			REG		
		SAMPLE_DEPTH		10-11 FT			15-16 FT			20-21 FT			20-21 FT			5-6 FT			0-1 FT			10-11 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	0.152	J	0.036
	ACENAPHTHENE	409.91	3441	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	ACENAPHTHYLENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	ANTHRACENE	6739	17203	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	BENZO(GHI)PERYLENE			ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	CHRYSENE	652.34	621.36	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	ND	U	0.0174	ND	U	0.0181
	FLUORANTHENE	3108	2294	ND	U	0.0202	ND	U	0.0189	ND	U	0.0187	ND	U	0.0188	ND	U	0.0179	0.0123	J	0.0174	ND	U	0.0181
	FLUORENE	499.58	2294	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	NAPHTHALENE	0.08389	44.95	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PHENANTHRENE	1669	1833	ND	U	0.0402	ND	U	0.0377	ND	U	0.0372	ND	U	0.0375	ND	U	0.0357	ND	U	0.0348	ND	U	0.036
	PYRENE	2238	1720	ND	U	0.202	ND	U	0.189	ND	U	0.187	ND	U	0.188	ND	U	0.179	ND	U	0.174	ND	U	0.181
Metals (mg/Kg), Method 6010	LEAD		400	8.3		0.29	6.08		0.27	4.96	J-	0.27	4.85		0.27	5.64		0.26	17.4		0.5	7.47		0.26

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106147			KAFB-106147			KAFB-106147			KAFB-106147		
			SAMPLE_NO	SB1735			SB1737			SB1738			SB1739		
			SAMPLE_DATE	16-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD		
			SAMPLE_DEPTH	5-6 FT			15-16 FT			20-21 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
TPH (µg/Kg)	DIESEL RANGE ORGANICS			1190		45.8	ND	U	2.05	ND	U	2.05	ND	U	2.04
Method 8015B	GASOLINE RANGE ORGANICS			269	J	10.1	ND	U	3.44	ND	U	2.85	ND	U	2.31
VOCs (µg/Kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,1-DICHLOROPROPENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2,3-TRICHLOROBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2,4-TRIMETHYLBENZENE			3.58		0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.281	ND	U	0.00225	ND	U	0.00331	ND	U	0.00235
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.281	ND	U	0.00225	ND	U	0.00331	ND	U	0.00235
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,3,5-TRIMETHYLBENZENE			3.12		0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,3-DICHLOROBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,3-DICHLOROPROPANE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	1-CHLOROHEXANE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	2,2-DICHLOROPROPANE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	2-BUTANONE			ND	UJ	0.281	ND	U	0.00225	ND	U	0.00331	ND	U	0.00235
	2-CHLOROTOLUENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	2-HEXANONE			ND	UJ	0.281	ND	U	0.00225	ND	U	0.00331	ND	U	0.00235
	2-PROPENAL	0.00015	0.64556	ND	R	0.702	ND	R	0.00562	ND	R	0.00828	ND	R	0.00589
	2-PROPENENITRILE	0.00164	5.97	ND	U	0.281	ND	R	0.00225	ND	R	0.00331	ND	R	0.00235
	4-CHLOROTOLUENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	ACETONE	76.89	67456	ND	UJ	0.281	0.00657	J	0.00225	0.0228	J	0.00331	0.015	J	0.00235
	BENZENE	0.03696	15.49	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	BENZENE, DIMETHYL-	3.523	1086	ND	U	0.211	ND	U	0.00168	ND	U	0.00248	ND	U	0.00177
	BROMOBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	BROMOCHLOROMETHANE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	BROMOFORM			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	BROMOMETHANE	0.03877	22.35	ND	UJ	0.281	ND	UJ	0.00225	ND	UJ	0.00331	ND	UJ	0.00235
	CARBON DISULFIDE	5.041	1935	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CHLOROBENZENE	1.077	508	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CHLOROETHANE	108.43	43576	ND	R	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CHLOROFORM	0.00936	5.718	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CHLOROMETHANE	0.08363	35.59	ND	U	0.281	ND	U	0.00225	ND	U	0.00331	ND	U	0.00235
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	CIS-1,3-DICHLOROPROPENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	DIBROMOMETHANE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	ETHYLBENZENE	0.29128	69.66	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	ISOPROPYLBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	M,P-XYLENES			ND	U	0.14	ND	U	0.00112	ND	U	0.00166	ND	U	0.00118
	METHYL TERT-BUTYL ETHER			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	NAPHTHALENE	0.08389	44.95	**1.72**		0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	N-BUTYLBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	N-PROPYLBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	O-XYLENE	24.68	9548	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	P-ISOPROPYLTOLUENE			1.38		0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	SEC-BUTYLBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	STYRENE	31.23	8970	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TERT-BUTYLBENZENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TOLUENE	27.66	5570	ND	U	0.0702	ND	U	0.000562	0.00246	J	0.000828	0.00237		0.000589
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	VINYL ACETATE	1.525	3646	ND	UJ	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.0702	ND	U	0.000562	ND	U	0.000828	ND	U	0.000589

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

			LOCATION_CODE	KAFB-106147			KAFB-106147			KAFB-106147			KAFB-106147		
			SAMPLE_NO	SB1735			SB1737			SB1738			SB1739		
			SAMPLE_DATE	16-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
			SAMPLE_PURPOSE	REG			REG			REG			FD		
			SAMPLE_DEPTH	5-6 FT			15-16 FT			20-21 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
SVOCs (µg/Kg) Method 8270C	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	1,3-DICHLOROBENZENE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2,4-DINITROPHENOL	1.05	122.21	ND	U	0.385	ND	U	0.346	ND	U	0.341	ND	U	0.34
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2,6-DICHLOROPHENOL			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2,6-DINITROTOLUENE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2-CHLORONAPHTHALENE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2-METHYLPHENOL			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	2-NITROANILINE			ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	2-NITROPHENOL			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	3,3'-DICHLOROBENZIDINE			ND	UJ	0.385	ND	UJ	0.346	ND	UJ	0.341	ND	UJ	0.34
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	3-NITROANILINE			ND	UJ	0.193	ND	UJ	0.173	ND	UJ	0.171	ND	UJ	0.17
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	4-CHLORO-3-METHYLPHENOL			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	4-CHLOROANILINE			ND	UJ	0.0385	ND	UJ	0.0346	ND	UJ	0.0341	ND	UJ	0.034
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	4-NITROANILINE			ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	4-NITROPHENOL			ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	BENZENAMINE			ND	UJ	0.0385	ND	UJ	0.0346	ND	UJ	0.0341	ND	UJ	0.034
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BIS(2-ETHYLHEXYL)PHTHALATE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BUTYL BENZYL PHTHALATE			ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	CARBAZOLE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	DIBENZOFURAN			0.179	J	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	DI-N-BUTYL PHTHALATE			ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	DI-N-OCTYL PHTHALATE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
	ISOPHORONE	3.69	5119	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	NITROBENZENE	0.13727	49.41	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PHENOL	126	18331	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PYRIDINE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034

Table 4-1
Summary of Soil Sampling Analytical Results, January - March 2011

		LOCATION_CODE		KAFB-106147			KAFB-106147			KAFB-106147			KAFB-106147		
		SAMPLE_NO		SB1735			SB1737			SB1738			SB1739		
		SAMPLE_DATE		16-Feb-11			17-Feb-11			17-Feb-11			17-Feb-11		
		SAMPLE_PURPOSE		REG			REG			REG			FD		
		SAMPLE_DEPTH		5-6 FT			15-16 FT			20-21 FT			20-21 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil[c]	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL	Result	Validation Qual.	RL
PAHs (µg/Kg) Method 8270C	2-METHYLNAPHTHALENE			1.58		0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	ACENAPHTHENE	409.91	3441	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	ACENAPHTHYLENE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	ANTHRACENE	6739	17203	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	BENZO(GHI)PERYLENE			ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	CHRYSENE	652.34	621.36	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	FLUORANTHENE	3108	2294	ND	U	0.0193	ND	U	0.0173	ND	U	0.0171	ND	U	0.017
	FLUORENE	499.58	2294	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	INDENO(1,2,3-CD)PYRENE			ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	NAPHTHALENE	0.08389	44.95	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PHENANTHRENE	1669	1833	ND	U	0.0385	ND	U	0.0346	ND	U	0.0341	ND	U	0.034
	PYRENE	2238	1720	ND	U	0.193	ND	U	0.173	ND	U	0.171	ND	U	0.17
Metals (mg/Kg), Method 6010	LEAD		400	6.22		0.28	3.71		0.25	4.4		0.25	4.21		0.25

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenaution Factor 20
[c] NMED soils screening values for residential soils.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (M
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106006	KAFB-106006-20	20	21	0.00023	141.5	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.00024	63.8	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.00025	28.2	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.00056	121.4	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.00031	15.2	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.2	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.4	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.00026	12.2	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.6	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	4.0	mg/Kg
KAFB-106006	KAFB-106006-220	220	221	No result	4.4	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.00033	32.0	mg/Kg
KAFB-106006	KAFB-106006-260	260	261	No result	19.0	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.00024	32.6	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.00026	120.2	mg/Kg
KAFB-106006	KAFB-106006-320	320	321	No result	184.3	mg/Kg
KAFB-106006	KAFB-106006-340	340	341	No result	0.4	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.00220	17.1	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.00160	0.5	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.5	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.00210	47.2	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.00190	0.5	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.00280	96.2	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.7	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.2	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.00026	0.5	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.1	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.08786	151.9	mg/Kg
KAFB-106007	KAFB-106007-120	120	121	No result	4.2	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.00029	0.7	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.6	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.1	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.00030	343.3	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.5	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.00033	0.8	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.2	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.00054	132.8	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.2	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.00750	2.9	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.00026	2.0	mg/Kg
KAFB-106007	KAFB-106007-360	360	361	No result	14.0	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.4	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.00530	2.6	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.2	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.2	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.3	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.00026	17.2	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.9	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.00022	0.6	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.00023	0.6	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.6	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.3	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.00024	0.6	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.2	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.00026	6.4	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.4	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.2	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.00062	17.2	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.00040	6.9	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.2	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.3	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.3	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.5	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.4	mg/Kg
KAFB-106008	KAFB-106008-360	360	361	No result	11.0	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.00029	1.3	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.5	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.5	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.00100	3.7	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.14100	196.5	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.00470	15.2	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.00049	12.5	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.00026	8.4	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.00023	140.2	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.00029	4.7	mg/Kg
KAFB-106009	KAFB-106009-260	260	261	No result	6.8	mg/Kg
KAFB-106009	KAFB-106009-300	300	301	No result	5.1	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.6	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.5	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.00024	12.9	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.00025	0.5	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.00027	0.5	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.00028	2.5	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.7	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.09366	107.9	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.0	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.00042	9.2	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.4	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.00048	35.9	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.00040	2.7	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.00076	10.5	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.00032	4.5	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.7	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.7	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.91100	12.2	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.00033	16.0	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.00062	11.3	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.00059	6.2	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.01130	3.2	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.00098	17.1	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.3	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.00028	6.0	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.00029	3.6	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.00096	2.6	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.2	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.3	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.00049	36.2	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.0	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.00027	340.1	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.00089	3.4	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.00030	20.3	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.00014	3.4	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.00022	2.1	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.01370	15.8	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.00028	10.2	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.00029	6.8	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.89700	540.0	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.00098	4.7	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.00015	21.9	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.00031	5.7	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.6	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.1	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.00054	25.4	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.00057	6.7	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.00034	35.4	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.00022	11.0	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.00029	25.6	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.01590	7.5	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106078	KAFB-106078-250	250	300	0.02270	4.9	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.00650	113.2	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.01370	28.6	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76000	1332.0	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.00055	476.4	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.00069	9.9	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.4	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.4	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.00023	31.4	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.8	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.00023	12.0	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.00022	16.9	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.00030	14.8	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.00026	7.4	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.00026	10.9	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.00035	36.9	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.00032	7.4	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.88600	11.8	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56000	40.1	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.00022	87.1	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.00051	5.9	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.00034	122.8	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.3	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.7	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.00029	2.2	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.00030	8.5	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.1	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	8.0	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.00047	16.3	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.00076	16.6	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.6	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.6	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.00050	25.5	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.0	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.3	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.6	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.00028	11.3	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.00029	4.6	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.00032	4.7	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.00025	18.0	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.5	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106109	KAFB-106109-101	101	150	0.00029	4.5	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.6	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.9	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.00025	10.7	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.00030	17.9	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.00029	25.4	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.00029	3.4	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.4	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.4	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.00063	25.0	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.00036	26.9	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.3	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.00035	13.7	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.00028	5.8	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.00040	6.6	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.00044	11.2	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.00023	19.3	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.00032	12.8	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.00030	9.8	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.8	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.00043	58.5	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.00032	10.4	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.00027	5.3	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.00057	6.0	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.00060	14.1	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.6	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.00043	6.4	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.3	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.00053	23.8	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.3	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.4	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.7	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.4	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.5	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.9	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.00029	18.2	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.00037	4.1	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.00042	2.5	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.00016	4.3	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.00016	2.3	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.02920	7.2	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.1	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106112	KAFB-106112-301	301	350	0.02520	2.2	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.01820	17.2	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.64500	3.2	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.00260	20.8	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.00057	92.6	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.00031	11.0	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.00037	9.0	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.00034	440.3	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.00064	73.4	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.00028	3.2	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.00050	115.2	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.00027	91.0	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.00029	23.2	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.00072	24.5	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.0	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.00033	6.3	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.00029	4.7	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	3.0	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.00025	2.1	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3.0	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.00029	2.0	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.00029	9.4	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.00017	17.0	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.2	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.00130	55.3	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.00240	4.5	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.01100	12.7	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.3	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.00021	3.4	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.00029	6.1	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.2	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.00024	97.0	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.00029	14.8	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.00026	9.1	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.00039	14.2	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.2	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.00027	4.6	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.00062	9.9	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.00084	11.9	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.5	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.5	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.00048	6.1	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.3	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.00070	17.5	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.00081	9.9	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.00044	32.6	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.7	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.00045	14.8	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.01250	9.2	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.02540	50.8	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.4	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.00570	5.3	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.4	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.5	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.0	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.4	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.6	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.00052	281.7	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.00028	17.2	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.00049	21.3	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.00055	28.6	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.28400	21.1	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.07090	29.4	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.02290	14.8	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.02220	7.2	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.4	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.00030	46.7	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.4	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.6	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.00050	4.3	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.00042	45.3	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.00034	5.2	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.5	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.00015	4.9	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.7	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.00036	7.4	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.2	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.00024	18.5	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.00047	40.4	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.1	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.00051	4.4	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.7	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.00034	2.1	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.00037	10.0	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.02440	4.9	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106119	KAFB-106119-101	101	150	0.00030	2.7	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.00030	4.5	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.00030	8.0	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.30900	4.5	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.01420	1.9	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.01080	4.7	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.1	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.00260	4.1	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.00024	9.1	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.0	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.00105	8.9	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.00031	2.8	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.00029	21.9	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.00031	3.6	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.00032	3.5	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.61500	19.0	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.4	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.01220	6.1	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.01570	180.8	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.00028	9.3	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.2	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.5	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.00016	35.6	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.1	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.00037	18.3	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.00028	7.7	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.00016	9.7	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.00016	5.4	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.00048	33.1	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.27900	6.2	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.04470	13.4	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.02510	13.3	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.00041	11.7	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.00470	60.8	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.2	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.00048	26.0	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.7	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.00065	16.3	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.00030	4.9	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.00035	2.9	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.00030	12.5	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.00030	23.5	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106130	KAFB-106130-301	301	350	0.00049	2.6	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.6	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.01770	74.4	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.00070	3.3	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.00066	3.6	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.9	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.9	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.00021	10.3	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.00043	11.6	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.00065	12.7	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.5	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.6	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.9	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.00033	4.0	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.09440	3.5	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.00029	8.5	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.6	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.3	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.4	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.6	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.00070	3.3	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.00055	2.3	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.00030	3.2	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.00032	2.8	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.3	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.00027	4.2	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.00030	15.4	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.00025	19.3	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.00032	7.2	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.00066	6.3	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.2	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.9	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.00031	137.1	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.00052	103.9	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.00030	23.6	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.00032	95.2	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.00038	38.9	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.00033	21.0	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.00027	47.0	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.00028	59.9	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.00029	7.3	mg/Kg

Table 4-2. Summary of TPH and Benzene Soil Sampling Results
January - March 2011

Borehole	Sample ID	Start Depth (ft bgs)	End Depth (ft bgs)	Benzene	TPH (DRO+GRO)	Units
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.3	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.3	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.5	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.6	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.00030	2.3	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.00029	7.7	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.00030	3.3	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.00028	10.3	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.00025	2.7	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.00035	48.0	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.00028	3.9	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.00029	70.0	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.00082	7.5	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.00035	2.0	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.4	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.00090	4.9	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.8	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.00023	3.5	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.00051	2.2	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.00330	8.4	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.1	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.4	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.6	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.00027	2.8	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.00027	2.1	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.03634	1519.5	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.00028	2.7	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.00041	2.5	mg/Kg

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	KAFB1065-IN			KAFB1065-POSTC1			KAFB1065-POSTC2			KAFB1066-IN			KAFB1066-POSTC1			KAFB1066-POSTC2			KAFB1066-POSTC2		
	SAMPLE NO	VA9005			VA9006			VA9007			VA9008			VA9009			VA9010			VA9011		
	SAMPLE DATE	2/25/2011			2/25/2011			2/25/2011			2/24/2011			2/24/2011			2/24/2011			2/24/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	-			-			-			-			-			-			-		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	53,000	J+	4,700	32,000	J+	4,700	47,000		4,700	73,000,000		9,400,000	ND	U	4,700	34,000		4,700	42,000		4,700
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	8,600	J+	5,300	8,600	J+	5,300	ND	U	5,300	ND	U	11,000,000	ND	U	5,300	ND	U	5,300	ND	U	5,300
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	79,000	J+	10,000	43,000	J+	10,000	42,000		10,000	ND	U	20,000,000	10,000		10,000	23,000		10,000	13,000		10,000
	CARBON RANGE C12-C28 (UG, Total)	22,000		300							4,000		300									
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,1,2-TRICHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,1-DICHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,1-DICHLOROETHENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,2,4-TRICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	80,000	ND	UJ	40	ND	UJ	800	ND	UJ	800
	1,2,4-TRIMETHYLBENZENE	650	J+	40	640	J+	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,2-DIBROMOETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,2-DICHLOROBENZENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,2-DICHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,2-DICHLOROPROPANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,3,5-TRIMETHYLBENZENE	280	J+	40	260	J+	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,3-DICHLOROBENZENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,4-DICHLOROBENZENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	2-BUTANONE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	2-HEXANONE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	4-METHYL-2-PENTANONE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	ACETONE	64	J+	40	260	J+	40	320		40	160,000		80,000	170		40	1,600		800	1,300		800
	BENZENE	290	J+	40	320	J+	40	5,300		800	680,000		80,000	180		40	8,300	J	800	10,000	J	800
	BENZENE, (CHLOROMETHYL)-	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	BROMODICHLOROMETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	BROMOFORM	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	BROMOMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	80,000	ND	UJ	40	ND	UJ	800	ND	UJ	800
	C6N	220	J+	40	170	J+	40	350		40	1,300,000		80,000	78		40	2,100		800	2,100		800
	CARBON DISULFIDE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CARBON TETRACHLORIDE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CHLOROBENZENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CHLOROETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CHLOROFORM	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CHLOROMETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CIS-1,2-DICHLOROETHENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CIS-1,3-DICHLOROPROPENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	CYCLOHEXANE	660	J	40	380	J	40	780	J-	40	1,300,000	J-	80,000	81	J-	40	2,000	J-	800	2,000	J-	800
	DIBROMOCHLOROMETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	DICHLORODIFLUOROMETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	ERYTHRENE	ND	U	40	300	J+	40	370		40	ND	U	80,000	70		40	3,100		800	2,100		800
	ETHANOL	ND	U	40	ND	UJ	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	ETHYL ACETATE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	ETHYLBENZENE	710	J+	40	780	J+	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	FC113	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	HEPTANE	480	J+	40	420	J+	40	580		40	740,000		80,000	72		40	1,300		800	1,400		800
	HEXACHLOROBUTADIENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	UJ	800	ND	UJ	800
	ISOPROPANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	M,P-XYLENES	3,100	J+	800	3,900	J+	1,600	100		80	ND	U	160,000	ND	U	80	ND	U	1,600	ND	U	1,600
	METHYL TERT-BUTYL ETHER	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	METHYLENE CHLORIDE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	2,600		800	3,100		800
	NAPHTHALENE	42	J	40	ND	UJ	40	ND	UJ	40	ND	UJ	80,000	ND	UJ	40	ND	UJ	800	ND	UJ	800
	O-XYLENE	1,100	J+	400	1,400	J+	800	45		40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	P-ETHYLTOLUENE	370	J+	40	410	J+	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	PROPYLENE	36,000	J+	400	53,000	J+	800	67,000	J	800	1,200,000	J-	80,000	620	J	40	60,000	J	800	46,000	J	800
	STYRENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	TETRACHLOROETHENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	THF	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	TOLUENE	4,300	J+	400	5,200	J+	800	340		40	980,000		80,000	ND	U	40	1,900		800	2,300		800
	TRANS-1,2-DICHLOROETHENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	TRANS-1,3-DICHLOROPROPENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	TRICHLOROETHENE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	TRICHLOROFLUOROMETHANE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	VINYL ACETATE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800
	VINYL CHLORIDE	ND	U	40	ND	U	40	ND	U	40	ND	U	80,000	ND	U	40	ND	U	800	ND	U	800

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	KAFB1065-IN			KAFB1065-POSTC1			KAFB1065-POSTC2			KAFB1066-IN			KAFB1066-POSTC1			KAFB1066-POSTC2			KAFB1066-POSTC2		
	SAMPLE NO	VA9005			VA9006			VA9007			VA9008			VA9009			VA9010			VA9011		
	SAMPLE DATE	2/25/2011			2/25/2011			2/25/2011			2/24/2011			2/24/2011			2/24/2011			2/24/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	-			-			-			-			-			-			-		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	ND	U	0.13	5		0.13	9.1		0.13	1.7		0.13	8		0.13	8.7		0.13	8.3		0.13
	CARBON MONOXIDE	ND	U	0.066	0.17		0.066	0.26		0.066	ND	U	0.066	0.44		0.066	0.37		0.066	0.32		0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	76		0.63	81		0.63	82		0.63	80		0.63	83		0.63	84		0.63	83		0.63
	OXYGEN	20		0.03	10		0.03	4		0.03	14		0.03	4.2		0.03	3		0.03	4.3		0.03

[a] EPA analytical methods listed are for the most recent sampling event.
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	KAFB1068-IN			KAFB1068-POSTC1			KAFB1068-POSTC2			ST106-IN			ST106-IN			ST106-POSTC1			ST106-POSTC2		
	SAMPLE NO	VA9012			VA9013			VA9014			VA9001			VA9002			VA9003			VA9004		
	SAMPLE DATE	2/25/2011			2/25/2011			2/25/2011			2/24/2011			2/24/2011			2/24/2011			2/24/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	-			-			-			-			-			-			-		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	7,600,000		4,700,000	100,000		4,700	2,900,000		1,900,000	66,000,000		9,400,000	62,000,000		9,400,000	80,000		4,700	67,000		4,700
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5,300,000	ND	U	5,300	ND	U	2,100,000	ND	U	11,000,000	ND	U	11,000,000	ND	U	5,300	ND	U	5,300
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	10,000,000	ND	U	10,000	ND	U	4,000,000	ND	U	20,000,000	ND	U	20,000,000	41,000		10,000	41,000		10,000
	CARBON RANGE C12-C28 (UG, Total)	ND	U	75							6,900		300	8,900	J+	300						
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,1,2-TRICHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,1-DICHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,1-DICHLOROETHENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,2,4-TRICHLOROBENZENE	ND	UJ	16,000	ND	UJ	800	ND	UJ	16,000	ND	UJ	80,000	ND	UJ	80,000	ND	UJ	40	ND	UJ	40
	1,2,4-TRIMETHYLBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,2-DIBROMOETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,2-DICHLOROBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,2-DICHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,2-DICHLOROPROPANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,3,5-TRIMETHYLBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,3-DICHLOROBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,4-DICHLOROBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	1,4-DIOXANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	2-BUTANONE	ND	U	16,000	ND	U	800	ND	U	16,000	270,000		80,000	260,000		80,000	480		40	330		40
	2-HEXANONE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	4-METHYL-2-PENTANONE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	ACETONE	19,000		16,000	1,400		800	ND	U	16,000	1,400,000		80,000	1,400,000		80,000	7,900		400	3,400		400
	BENZENE	31,000	J	16,000	7,400	J	800	36,000	J	16,000	530,000		80,000	490,000		80,000	2,300		400	690		40
	BENZENE, (CHLOROMETHYL)-	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	BROMODICHLOROMETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	BROMOFORM	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	BROMOMETHANE	ND	UJ	16,000	ND	UJ	800	ND	UJ	16,000	ND	UJ	80,000	ND	UJ	80,000	78	J-	40	73	J-	40
	C6N	50,000		16,000	4,700		800	62,000		16,000	1,200,000		80,000	1,100,000		80,000	3,900		400	1,900		400
	CARBON DISULFIDE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CARBON TETRACHLORIDE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CHLOROBENZENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CHLOROETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CHLOROFORM	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CHLOROMETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CIS-1,2-DICHLOROETHENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CIS-1,3-DICHLOROPROPENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	CYCLOHEXANE	72,000	J-	16,000	4,900	J-	800	67,000	J-	16,000	2,200,000	J-	160,000	1,800,000	J-	80,000	4,100	J-	400	2,000	J-	400
	DIBROMOCHLOROMETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	DICHLORODIFLUOROMETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	ERYTHRENE	ND	U	16,000	2,600		800	16,000		16,000	ND	U	80,000	ND	U	80,000	270		40	280		40
	ETHANOL	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	ETHYL ACETATE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	ETHYLBENZENE	18,000		16,000	ND	U	800	ND	U	16,000	110,000		80,000	110,000		80,000	66		40	57		40
	FC113	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	HEPTANE	62,000		16,000	2,900		800	40,000		16,000	2,300,000		160,000	2,000,000		160,000	4,500		400	2,200		400
	HEXACHLOROBUTADIENE	ND	UJ	16,000	ND	UJ	800	ND	UJ	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	ISOPROPANOL	ND	U	16,000	ND	U	800	ND	U	16,000	160,000		80,000	140,000		80,000	ND	U	40	ND	U	40
	M,P-XYLENES	40,000		32,000	ND	U	1,600	ND	U	32,000	260,000		160,000	260,000		160,000	ND	U	80	ND	U	80
	METHYL TERT-BUTYL ETHER	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	METHYLENE CHLORIDE	24,000		16,000	2,900		800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	NAPHTHALENE	ND	UJ	16,000	ND	UJ	800	ND	UJ	16,000	ND	UJ	80,000	ND	UJ	80,000	ND	UJ	40	ND	UJ	40
	O-XYLENE	17,000		16,000	ND	U	800	ND	U	16,000	96,000		80,000	98,000		80,000	ND	U	40	ND	U	40
	P-ETHYLTOLUENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	PROPYLENE	ND	U	16,000	93,000	J	800	1,100,000	J	16,000	650,000	J	80,000	240,000	J	80,000	18,000	J	400	9,300	J	400
	STYRENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	TETRACHLOROETHENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	THF	23,000		16,000	1,500		800	20,000		16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	TOLUENE	110,000		16,000	1,400		800	ND	U	16,000	1,400,000		80,000	1,500,000		80,000	760		40	580		40
	TRANS-1,2-DICHLOROETHENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	TRANS-1,3-DICHLOROPROPENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	TRICHLOROETHENE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	TRICHLOROFLUOROMETHANE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	VINYL ACETATE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40
	VINYL CHLORIDE	ND	U	16,000	ND	U	800	ND	U	16,000	ND	U	80,000	ND	U	80,000	ND	U	40	ND	U	40

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	KAFB1068-IN			KAFB1068-POSTC1			KAFB1068-POSTC2			ST106-IN			ST106-IN			ST106-POSTC1			ST106-POSTC2		
	SAMPLE NO	VA9012			VA9013			VA9014			VA9001			VA9002			VA9003			VA9004		
	SAMPLE DATE	2/25/2011			2/25/2011			2/25/2011			2/24/2011			2/24/2011			2/24/2011			2/24/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	-			-			-			-			-			-			-		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	ND	U	0.13	8.2		0.13	6.3		0.13	1.5		0.13	1.4		0.13	9.3		0.13	9.5		0.13
	CARBON MONOXIDE	ND	U	0.066	0.64		0.066	0.61		0.066	ND	U	0.066	ND	U	0.066	0.16		0.066	0.074	J	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	83		0.63	82		0.63	77		0.63	77		0.63	85		0.63	84		0.63
	OXYGEN	21		0.03	3.3		0.03	6.4		0.03	17		0.03	18		0.03	3.3		0.03	3.7		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-01-050			SVMW-01-100			SVMW-01-250			SVMW-01-300			SVMW-02-050			SVMW-02-100			SVMW-02-100		
	SAMPLE NO	VA0001			VA0002			VA0003			VA0004			VA0005			VA0006			VA0007		
	SAMPLE DATE	3/2/2011			3/2/2011			3/2/2011			3/2/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	50-52.5 FT			100-102.5 FT			250.7-253.2 FT			308.5-311 FT			50-52.5 FT			97-99.5 FT			97-99.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	28,000	J-	9,400	18,000,000	J-	4,700,000	110,000	J-	23,000	2,100,000	J-	230,000	1,600,000	J-	230,000	2,000,000	J-	470,000	11,000,000	J-	2,300,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	11,000	ND	UJ	5,300,000	ND	UJ	27,000	ND	UJ	270,000	ND	UJ	270,000	ND	UJ	530,000	ND	UJ	2,700,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	47,000	J-	20,000	ND	UJ	10,000,000	56,000	J-	50,000	ND	UJ	500,000	ND	UJ	500,000	ND	UJ	1,000,000	ND	UJ	5,000,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	UJ	400	ND	UJ	8,000	ND	UJ	8,000
	1,1,2-TRICHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,1-DICHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,1-DICHLOROETHENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,2,4-TRICHLOROBENZENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	10	ND	UJ	8,000	30	J-	10	ND	UJ	400	590		400	ND	UJ	8,000	ND	U	8,000
	1,2-DIBROMOETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,2-DICHLOROBENZENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,2-DICHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,2-DICHLOROPROPANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	10	ND	UJ	8,000	16	J-	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,3-DICHLOROBENZENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,4-DICHLOROBENZENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	1,4-DIOXANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	2-BUTANONE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	720		400	ND	UJ	8,000	ND	U	8,000
	2-HEXANONE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	4-METHYL-2-PENTANONE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	13,000		8,000
	ACETONE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	2,700		400	ND	UJ	8,000	ND	U	8,000
	BENZENE	ND	UJ	10	61,000	J-	8,000	ND	UJ	200	14,000	J-	1,600	9,300		1,600	11,000	J-	8,000	66,000		8,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	UJ	400	ND	UJ	8,000	ND	UJ	8,000
	BROMODICHLOROMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	BROMOFORM	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	BROMOMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	UJ	400	ND	UJ	8,000	ND	UJ	8,000
	C6N	ND	UJ	20	610,000	J-	40,000	ND	UJ	200	19,000	J-	1,600	8,400		1,600	31,000	J-	8,000	120,000		20,000
	CARBON DISULFIDE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CARBON TETRACHLORIDE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CHLOROBENZENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CHLOROETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CHLOROFORM	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CHLOROMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CIS-1,2-DICHLOROETHENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	CYCLOHEXANE	ND	UJ	20	510,000	J-	40,000	ND	UJ	200	17,000	J-	1,600	13,000		1,600	33,000	J-	8,000	150,000		20,000
	DIBROMOCHLOROMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	DICHLORODIFLUOROMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	ERYTHRENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	ETHANOL	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	740		400	ND	UJ	8,000	ND	U	8,000
	ETHYL ACETATE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	ETHYLBENZENE	ND	UJ	10	ND	UJ	8,000	56	J-	10	ND	UJ	400	1,900		400	ND	UJ	8,000	ND	U	8,000
	FC113	13	J-	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	HEPTANE	ND	UJ	10	190,000	J-	20,000	1,500	J-	200	4,500	J-	400	14,000		1,600	13,000	J-	8,000	80,000		8,000
	HEXACHLOROBUTADIENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	UJ	400	ND	UJ	8,000	ND	UJ	8,000
	ISOPROPANOL	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	M,P-XYLENES	ND	UJ	20	ND	UJ	16,000	180	J-	20	1,500	J-	800	5,800		800	ND	UJ	16,000	ND	U	16,000
	METHYL TERT-BUTYL ETHER	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	METHYLENE CHLORIDE	ND	UJ	10	9,000	J-	8,000	ND	UJ	10	2,700	J-	400	6,200		400	ND	UJ	8,000	ND	U	8,000
	NAPHTHALENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	O-XYLENE	11	J-	10	ND	UJ	8,000	66	J-	10	650	J-	400	1,700		400	ND	UJ	8,000	ND	U	8,000
	P-ETHYLTOLUENE	ND	UJ	10	ND	UJ	8,000	19	J-	10	ND	UJ	400	480		400	ND	UJ	8,000	ND	U	8,000
	PROPYLENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	1,700	J-	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	STYRENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	TETRACHLOROETHENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	THF	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	TOLUENE	ND	UJ	10	49,000	J-	8,000	1,900	J-	200	3,600	J-	400	20,000		1,600	18,000	J-	8,000	87,000		8,000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	TRICHLOROETHENE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	TRICHLOROFLUOROMETHANE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	VINYL ACETATE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000
	VINYL CHLORIDE	ND	UJ	10	ND	UJ	8,000	ND	UJ	10	ND	UJ	400	ND	U	400	ND	UJ	8,000	ND	U	8,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-01-050			SVMW-01-100			SVMW-01-250			SVMW-01-300			SVMW-02-050			SVMW-02-100			SVMW-02-100		
	SAMPLE NO	VA0001			VA0002			VA0003			VA0004			VA0005			VA0006			VA0007		
	SAMPLE DATE	3/2/2011			3/2/2011			3/2/2011			3/2/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	50-52.5 FT			100-102.5 FT			250.7-253.2 FT			308.5-311 FT			50-52.5 FT			97-99.5 FT			97-99.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	4.9		0.13	8.2		0.13	0.66		0.13	0.44		0.13	4.8		0.13	4.5		0.13	4.4		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	81		0.63	81		0.63	77		0.63	77		0.63	80		0.63	83		0.63	79		0.63
	OXYGEN	11		0.03	6.6		0.03	19		0.03	19		0.03	12		0.03	9.8		0.03	14		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-02-150			SVMW-03-050			SVMW-03-100			SVMW-03-250			SVMW-03-300			SVMW-04-050			SVMW-04-050		
	SAMPLE NO	VA0008			VA0009			VA0010			VA0011			VA0012			VA0013			VA0014		
	SAMPLE DATE	3/4/2011			3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/2/2011			3/2/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	150-152.5 FT			50-52.5 FT			100-102.5 FT			250-252.5 FT			300-302.5 FT			50-52.5 FT			50-52.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	12,000,000	J-	2,300,000	48,000	J-	4,700	14,000,000	J-	19,000,000	850,000	J-	47,000	31,000,000	J-	4,700,000	5,300,000	J-	1,200,000	5,100,000	J-	1,200,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	2,700,000	ND	UJ	5,300	ND	UJ	21,000,000	ND	UJ	53,000	ND	UJ	5,300,000	ND	UJ	1,300,000	ND	UJ	1,300,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	5,000,000	ND	UJ	10,000	ND	UJ	40,000,000	ND	UJ	100,000	ND	UJ	10,000,000	ND	UJ	2,500,000	ND	UJ	2,500,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	40	ND	UJ	160,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1,2-TRICHLOROETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRICHLOROBENZENE	ND	U	8,000	ND	U	40	ND	UJ	160,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRIMETHYLBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DIBROMOETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROPROPANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,3,5-TRIMETHYLBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,3-DICHLOROBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,4-DICHLOROBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,4-DIOXANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	2-BUTANONE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	2-HEXANONE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	4-METHYL-2-PENTANONE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	ACETONE	ND	U	8,000	ND	U	40	ND	U	160,000	100,000		8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	BENZENE	92,000		8,000	ND	U	40	1,100,000		160,000	110,000		8,000	110,000		8,000	23,000	J-	8,000	30,000	J-	8,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	40	ND	UJ	160,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMODICHLOROMETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMOFORM	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	40	ND	UJ	160,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	C6N	180,000		20,000	ND	U	40	4,200,000		160,000	270,000		8,000	400,000		40,000	17,000	J-	8,000	19,000	J-	8,000
	CARBON DISULFIDE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CARBON TETRACHLORIDE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROBENZENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROFORM	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROMETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	CYCLOHEXANE	170,000		20,000	ND	U	40	4,500,000		160,000	300,000		8,000	590,000		40,000	25,000	J-	8,000	30,000	J-	8,000
	DIBROMOCHLOROMETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	DICHLORODIFLUOROMETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	ERYTHRENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHANOL	ND	U	8,000	46		40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHYL ACETATE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHYLBENZENE	ND	U	8,000	66		40	ND	U	160,000	18,000		8,000	16,000		8,000	ND	UJ	8,000	ND	UJ	8,000
	FC113	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	HEPTANE	80,000		8,000	ND	U	40	2,700,000		160,000	220,000		8,000	640,000		40,000	ND	UJ	8,000	9,500	J-	8,000
	HEXACHLOROBUTADIENE	ND	UJ	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ISOPROPANOL	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	M,P-XYLENES	ND	U	16,000	160		80	ND	U	320,000	36,000		16,000	39,000		16,000	ND	UJ	16,000	ND	UJ	16,000
	METHYL TERT-BUTYL ETHER	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	METHYLENE CHLORIDE	ND	U	8,000	ND	U	40	ND	U	160,000	11,000		8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	NAPHTHALENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	O-XYLENE	ND	U	8,000	51		40	ND	U	160,000	8,800		8,000	11,000		8,000	ND	UJ	8,000	ND	UJ	8,000
	P-ETHYLTOLUENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	PROPYLENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	STYRENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	TETRACHLOROETHENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	THF	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	TOLUENE	120,000		8,000	ND	U	40	810,000		160,000	180,000		8,000	240,000		40,000	ND	UJ	8,000	ND	UJ	8,000
	TRANS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRANS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROETHENE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROFLUOROMETHANE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000
	VINYL ACETATE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	VINYL CHLORIDE	ND	U	8,000	ND	U	40	ND	U	160,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-02-150			SVMW-03-050			SVMW-03-100			SVMW-03-250			SVMW-03-300			SVMW-04-050			SVMW-04-050		
	SAMPLE NO	VA0008			VA0009			VA0010			VA0011			VA0012			VA0013			VA0014		
	SAMPLE DATE	3/4/2011			3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/2/2011			3/2/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	150-152.5 FT			50-52.5 FT			100-102.5 FT			250-252.5 FT			300-302.5 FT			50-52.5 FT			50-52.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	1		0.13	5.1		0.13	7.6		0.13	0.87		0.13	0.5		0.13	5.2		0.13	6.9		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	81		0.63	85		0.63	80		0.63	77		0.63	79		0.63	83		0.63
	OXYGEN	17		0.03	12		0.03	5.1		0.03	17		0.03	19		0.03	11		0.03	8.1		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-04-100			SVMW-04-250			SVMW-04-300			SVMW-05-050			SVMW-05-100			SVMW-05-230			SVMW-05-290		
	SAMPLE NO	VA0015			VA0016			VA0017			VA0018			VA0019			VA0020			VA0021		
	SAMPLE DATE	3/2/2011			3/2/2011			3/2/2011			3/1/2011			3/1/2011			3/1/2011			3/1/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	98-100.5 FT			250-252.5 FT			297.5-300 FT			50-52.5 FT			100-102.5 FT			229.5-231 FT			287.5-290 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	76,000,000	J-	9,400,000	370,000	J-	94,000	750,000	J-	190,000	18,000	J-	4,700	770,000	J-	190,000	25,000	J-	4,700	680,000	J-	190,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	11,000,000	ND	UJ	110,000	ND	UJ	210,000	ND	UJ	5,300	ND	UJ	210,000	ND	UJ	5,300	ND	UJ	210,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	20,000,000	ND	UJ	200,000	ND	UJ	400,000	32,000	J-	10,000	ND	UJ	400,000	39,000	J-	10,000	ND	UJ	400,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,1,2-TRICHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,1-DICHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,1-DICHLOROETHENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2,4-TRICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2,4-TRIMETHYLBENZENE	ND	UJ	8,000	ND	UJ	8,000	480	J-	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2-DIBROMOETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2-DICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2-DICHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,2-DICHLOROPROPANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,3,5-TRIMETHYLBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,3-DICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,4-DICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	1,4-DIOXANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	2-BUTANONE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	2-HEXANONE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	4-METHYL-2-PENTANONE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ACETONE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	BENZENE	290,000	J-	40,000	57,000	J-	8,000	8,900	J-	1,600	ND	UJ	10	1,800	J-	400	ND	UJ	40	3,900	J-	1,600
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	BROMODICHLOROMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	BROMOFORM	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	C6N	1,200,000	J-	80,000	64,000	J-	8,000	7,200	J-	400	ND	UJ	10	11,000	J-	1,600	ND	UJ	40	3,700	J-	1,600
	CARBON DISULFIDE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CARBON TETRACHLORIDE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CHLOROFORM	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CHLOROMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CIS-1,2-DICHLOROETHENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	CYCLOHEXANE	1,300,000	J-	80,000	96,000	J-	8,000	9,200	J-	1,600	ND	UJ	10	20,000	J-	1,600	ND	UJ	40	4,600	J-	1,600
	DIBROMOCHLOROMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	DICHLORODIFLUOROMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ERYTHRENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ETHANOL	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ETHYL ACETATE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ETHYLBENZENE	20,000	J-	8,000	ND	UJ	8,000	830	J-	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	FC113	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	13	J-	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	HEPTANE	560,000	J-	40,000	110,000	J-	8,000	6,900	J-	400	ND	UJ	10	2,400	J-	400	ND	UJ	40	ND	UJ	1,600
	HEXACHLOROBUTADIENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	ISOPROPANOL	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	M,P-XYLENES	59,000	J-	16,000	ND	UJ	16,000	3,400	J-	800	ND	UJ	20	ND	UJ	800	ND	UJ	80	ND	UJ	3,200
	METHYL TERT-BUTYL ETHER	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	METHYLENE CHLORIDE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	NAPHTHALENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	O-XYLENE	19,000	J-	8,000	ND	UJ	8,000	1,200	J-	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	P-ETHYLTOLUENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	PROPYLENE	18,000	J-	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	STYRENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TETRACHLOROETHENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	THF	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TOLUENE	420,000	J-	40,000	75,000	J-	8,000	10,000	J-	1,600	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TRICHLOROETHENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	TRICHLOROFLUOROMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	VINYL ACETATE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600
	VINYL CHLORIDE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	400	ND	UJ	10	ND	UJ	400	ND	UJ	40	ND	UJ	1,600

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-04-100			SVMW-04-250			SVMW-04-300			SVMW-05-050			SVMW-05-100			SVMW-05-230			SVMW-05-290		
	SAMPLE NO	VA0015			VA0016			VA0017			VA0018			VA0019			VA0020			VA0021		
	SAMPLE DATE	3/2/2011			3/2/2011			3/2/2011			3/1/2011			3/1/2011			3/1/2011			3/1/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	98-100.5 FT			250-252.5 FT			297.5-300 FT			50-52.5 FT			100-102.5 FT			229.5-231 FT			287.5-290 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	7.2		0.13	0.78		0.13	0.47		0.13	3.2		0.13	5		0.13	0.49		0.13	0.62		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	83		0.63	78		0.63	78		0.63	79		0.63	80		0.63	77		0.63	78		0.63
	OXYGEN	5.9		0.03	19		0.03	19		0.03	15		0.03	12		0.03	19		0.03	19		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-06-050			SVMW-06-100			SVMW-06-252			SVMW-06-302			SVMW-07-050			SVMW-07-100			SVMW-07-150		
	SAMPLE NO	VA0022			VA0023			VA0024			VA0025			VA0026			VA0027			VA0028		
	SAMPLE DATE	3/7/2011			3/7/2011			3/7/2011			3/7/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	50-52.5 FT			99.5-102 FT			252-254.5 FT			302.5-305 FT			49.5-52 FT			95.5-98 FT			147.5-150 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3) Method MADEP APH and TO13	C5-C8 ALIPHATIC HYDROCARBONS	1,800,000	J-	470,000	1,700,000	J-	940,000	46,000,000	J-	9,400,000	41,000,000	J-	9,400,000	990,000	J-	190,000	7,300,000	J-	1,200,000	970,000	J-	94,000
	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	530,000	ND	UJ	1,100,000	ND	UJ	11,000,000	ND	UJ	11,000,000	ND	UJ	210,000	ND	UJ	1,300,000	ND	UJ	110,000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	1,000,000	ND	UJ	2,000,000	ND	UJ	20,000,000	ND	UJ	20,000,000	ND	UJ	400,000	ND	UJ	2,500,000	ND	UJ	200,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv) Method TO 15	1,1,1-TRICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,1,2-TRICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRIMETHYLBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2-DIBROMOETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	UJ	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROPROPANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,3,5-TRIMETHYLBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,3-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,4-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	1,4-DIOXANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	2-BUTANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	2-HEXANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	4-METHYL-2-PENTANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ACETONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	10,000		8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	BENZENE	14,000		8,000	13,000		8,000	450,000	J-	80,000	330,000	J-	80,000	13,000		1,600	57,000	J-	8,000	ND	UJ	8,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	1,600	ND	UJ	8,000	ND	UJ	8,000
	BROMODICHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	BROMOFORM	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	1,600	ND	UJ	8,000	ND	UJ	8,000
	C6N	19,000		8,000	24,000		8,000	620,000	J-	80,000	570,000	J-	80,000	11,000		1,600	110,000	J-	8,000	13,000	J-	8,000
	CARBON DISULFIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CARBON TETRACHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CHLOROFORM	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	CYCLOHEXANE	29,000		8,000	34,000		8,000	590,000	J-	80,000	560,000	J-	80,000	16,000		1,600	140,000	J-	8,000	18,000	J-	8,000
	DIBROMOCHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	DICHLORODIFLUOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ERYTHRENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ETHANOL	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ETHYL ACETATE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ETHYLBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	15,000		8,000	2,600		1,600	ND	UJ	8,000	ND	UJ	8,000
	FC113	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	HEPTANE	43,000		8,000	37,000		8,000	190,000	J-	80,000	240,000	J-	80,000	18,000		1,600	55,000	J-	8,000	20,000	J-	8,000
	HEXACHLOROBUTADIENE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	ISOPROPANOL	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	M,P-XYLENES	20,000		16,000	ND	U	16,000	21,000		16,000	28,000		16,000	7,300		3,200	ND	UJ	16,000	ND	UJ	16,000
	METHYL TERT-BUTYL ETHER	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	METHYLENE CHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	NAPHTHALENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	O-XYLENE	ND	U	8,000	ND	U	8,000	8,600		8,000	9,000		8,000	2,100		1,600	ND	UJ	8,000	ND	UJ	8,000
	P-ETHYLTOLUENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	PROPYLENE	ND	U	8,000	ND	U	8,000	25,000		8,000	34,000		8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	STYRENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	TETRACHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	THF	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	TOLUENE	72,000		8,000	47,000		8,000	170,000	J-	80,000	510,000	J-	80,000	29,000		1,600	100,000	J-	8,000	31,000	J-	8,000
	TRANS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	TRANS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROFLUOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	VINYL ACETATE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000
	VINYL CHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	1,600	ND	UJ	8,000	ND	UJ	8,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-06-050			SVMW-06-100			SVMW-06-252			SVMW-06-302			SVMW-07-050			SVMW-07-100			SVMW-07-150		
	SAMPLE NO	VA0022			VA0023			VA0024			VA0025			VA0026			VA0027			VA0028		
	SAMPLE DATE	3/7/2011			3/7/2011			3/7/2011			3/7/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	50-52.5 FT			99.5-102 FT			252-254.5 FT			302.5-305 FT			49.5-52 FT			95.5-98 FT			147.5-150 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	1.9		0.13	ND	U	0.13	1.2		0.13	0.73		0.13	0.47		0.13	4		0.13	3.5		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	76		0.63	83		0.63	81		0.63	80		0.63	80		0.63	78		0.63
	OXYGEN	18		0.03	21		0.03	13		0.03	16		0.03	18		0.03	14		0.03	14		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-07-150			SVMW-08-050			SVMW-08-100			SVMW-08-250			SVMW-09-050			SVMW-09-100			SVMW-09-250		
	SAMPLE NO	VA0029			VA0030			VA0031			VA0032			VA0034			VA0035			VA0036		
	SAMPLE DATE	3/4/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	147.5-150 FT			50-52.5 ft			100-102.5 FT			250-252.5 ft			50-52.5 FT			100-102.5 FT			250-252.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	3,400,000	J-	940,000	64,000,000	J-	9,400,000	4,400,000	J-	940,000	1,300,000	J-	470,000	15,000,000	J-	19,000,000	86,000,000	J-	4,700,000	2,600,000	J-	470,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1,100,000	ND	UJ	11,000,000	ND	UJ	1,100,000	ND	UJ	530,000	ND	UJ	21,000,000	ND	UJ	5,300,000	ND	UJ	530,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	2,000,000	ND	UJ	20,000,000	ND	UJ	2,000,000	ND	UJ	1,000,000	ND	UJ	40,000,000	ND	UJ	10,000,000	ND	UJ	1,000,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	4,000
	1,1,2-TRICHLOROETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,1-DICHLOROETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,1-DICHLOROETHENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,2,4-TRICHLOROBENZENE	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	4,000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,2-DIBROMOETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,2-DICHLOROBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,2-DICHLOROETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,2-DICHLOROPROPANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,3-DICHLOROBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,4-DICHLOROBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	1,4-DIOXANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	2-BUTANONE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	2-HEXANONE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	4-METHYL-2-PENTANONE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ACETONE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	BENZENE	21,000	J-	8,000	420,000		80,000	36,000		8,000	32,000		8,000	180,000		8,000	1,300,000		160,000	44,000		4,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	4,000
	BROMODICHLOROMETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	BROMOFORM	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	4,000
	C6N	42,000	J-	8,000	1,300,000		80,000	44,000		8,000	19,000		8,000	270,000		8,000	3,700,000		160,000	72,000		4,000
	CARBON DISULFIDE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CARBON TETRACHLORIDE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CHLOROBENZENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CHLOROETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CHLOROFORM	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CHLOROMETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CIS-1,2-DICHLOROETHENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	CYCLOHEXANE	62,000	J-	8,000	1,200,000		80,000	72,000		8,000	28,000		8,000	570,000		40,000	4,100,000		160,000	66,000		4,000
	DIBROMOCHLOROMETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	DICHLORODIFLUOROMETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ERYTHRENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ETHANOL	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ETHYL ACETATE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ETHYLBENZENE	ND	UJ	8,000	20,000		8,000	16,000		8,000	8,100		8,000	9,000		8,000	35,000		8,000	ND	U	4,000
	FC113	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	HEPTANE	68,000	J-	8,000	540,000		80,000	66,000		8,000	23,000		8,000	210,000		8,000	2,100,000		160,000	48,000		4,000
	HEXACHLOROBUTADIENE	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	ISOPROPANOL	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	11,000		8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	M,P-XYLENES	ND	UJ	16,000	42,000		16,000	38,000		16,000	19,000		16,000	19,000		16,000	72,000		16,000	8,200		8,000
	METHYL TERT-BUTYL ETHER	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	METHYLENE CHLORIDE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	9,000		8,000	ND	U	8,000	ND	U	8,000	5,100		4,000
	NAPHTHALENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	O-XYLENE	ND	UJ	8,000	14,000		8,000	13,000		8,000	ND	U	8,000	ND	U	8,000	21,000		8,000	ND	U	4,000
	P-ETHYLTOLUENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	PROPYLENE	ND	UJ	8,000	23,000		8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	37,000		8,000	ND	U	4,000
	STYRENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	TETRACHLOROETHENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	THF	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	TOLUENE	67,000	J-	8,000	460,000		80,000	110,000		8,000	47,000		8,000	100,000		8,000	1,600,000		160,000	60,000		4,000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	TRICHLOROETHENE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	TRICHLOROFLUOROMETHANE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	VINYL ACETATE	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000
	VINYL CHLORIDE	ND	UJ	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	4,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-07-150			SVMW-08-050			SVMW-08-100			SVMW-08-250			SVMW-09-050			SVMW-09-100			SVMW-09-250		
	SAMPLE NO	VA0029			VA0030			VA0031			VA0032			VA0034			VA0035			VA0036		
	SAMPLE DATE	3/4/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011			3/10/2011		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	147.5-150 FT			50-52.5 ft			100-102.5 FT			250-252.5 ft			50-52.5 FT			100-102.5 FT			250-252.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	2.9		0.13	8.4		0.13	8		0.13	0.51		0.13	8.3		0.13	9.1		0.13	0.75		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	85		0.63	83		0.63	78		0.63	83		0.63	85		0.63	79		0.63
	OXYGEN	15		0.03	4		0.03	7.2		0.03	20		0.03	6.3		0.03	3.5		0.03	19		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-09-266			SVMW-10-050			SVMW-10-100			SVMW-10-150			SVMW-10-250			SVMW-11-050			SVMW-11-100		
	SAMPLE NO	VA0037			VA0038			VA0039			VA0040			VA0041			VA0042			VA0043		
	SAMPLE DATE	3/10/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	266-268.5 FT			50-52.5 FT			100-102.5 FT			150-152.5 FT			250-252.5 FT			50-52.5 FT			100-102.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	8,400,000	J-	1,900,000	14,000,000	J-	19,000,000	10,000,000	J-	9,400,000	11,000,000	J-	9,400,000	210,000	J-	120,000	39,000,000	J-	9,400,000	20,000,000	J-	9,400,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	2,100,000	ND	UJ	21,000,000	ND	UJ	11,000,000	ND	UJ	11,000,000	ND	UJ	130,000	ND	UJ	11,000,000	ND	UJ	11,000,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	4,000,000	ND	UJ	40,000,000	ND	UJ	20,000,000	ND	UJ	20,000,000	ND	UJ	250,000	ND	UJ	20,000,000	ND	UJ	20,000,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,1,2-TRICHLOROETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,1-DICHLOROETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,1-DICHLOROETHENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2,4-TRICHLOROBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2,4-TRIMETHYLBENZENE	9,200		8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2-DIBROMOETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2-DICHLOROBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2-DICHLOROETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,2-DICHLOROPROPANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,3,5-TRIMETHYLBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,3-DICHLOROBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,4-DICHLOROBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	1,4-DIOXANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	2-BUTANONE	ND	U	8,000	270,000	J-	160,000	81,000	J-	20,000	96,000	J-	40,000	ND	UJ	4,000	54,000	J-	40,000	170,000	J-	40,000
	2-HEXANONE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	4-METHYL-2-PENTANONE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	ACETONE	ND	U	8,000	1,100,000	J-	160,000	740,000	J-	40,000	620,000	J-	40,000	ND	UJ	4,000	240,000	J-	40,000	760,000	J-	40,000
	BENZENE	86,000		8,000	730,000	J-	160,000	320,000	J-	20,000	390,000	J-	40,000	ND	UJ	4,000	150,000	J-	40,000	510,000	J-	40,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	BROMODICHLOROMETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	BROMOFORM	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	C6N	90,000		8,000	2,100,000	J-	160,000	1,800,000	J-	40,000	2,300,000	J-	80,000	ND	UJ	4,000	370,000	J-	40,000	580,000	J-	160,000
	CARBON DISULFIDE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CARBON TETRACHLORIDE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CHLOROBENZENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CHLOROETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CHLOROFORM	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CHLOROMETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CIS-1,2-DICHLOROETHENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CIS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	CYCLOHEXANE	140,000		8,000	3,000,000	J-	160,000	1,400,000	J-	40,000	1,700,000	J-	80,000	6,600	J-	4,000	700,000	J-	40,000	520,000	J-	160,000
	DIBROMOCHLOROMETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	DICHLORODIFLUOROMETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	ERYTHRENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	ETHANOL	ND	U	8,000	30,000	J-	8,000	28,000	J-	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	45,000	J-	40,000
	ETHYL ACETATE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	ETHYLBENZENE	51,000		8,000	37,000	J-	8,000	30,000	J-	20,000	ND	UJ	40,000	ND	UJ	4,000	42,000	J-	40,000	47,000	J-	40,000
	FC113	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	HEPTANE	150,000		8,000	2,200,000	J-	160,000	960,000	J-	40,000	680,000	J-	40,000	8,500	J-	4,000	550,000	J-	40,000	310,000	J-	160,000
	HEXACHLOROBUTADIENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	ISOPROPANOL	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	M,P-XYLENES	100,000		16,000	75,000	J-	16,000	64,000	J-	40,000	ND	UJ	80,000	ND	UJ	8,000	89,000	J-	80,000	92,000	J-	80,000
	METHYL TERT-BUTYL ETHER	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	METHYLENE CHLORIDE	14,000		8,000	30,000	J-	8,000	21,000	J-	20,000	86,000	J-	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	NAPHTHALENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	O-XYLENE	34,000		8,000	19,000	J-	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	P-ETHYLTOLUENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	PROPYLENE	ND	U	8,000	14,000	J-	8,000	42,000	J-	20,000	44,000	J-	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	STYRENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	TETRACHLOROETHENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	THF	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	TOLUENE	310,000		8,000	1,800,000	J-	160,000	730,000	J-	40,000	570,000	J-	40,000	7,400	J-	4,000	670,000	J-	40,000	280,000	J-	160,000
	TRANS-1,2-DICHLOROETHENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	TRANS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	TRICHLOROETHENE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	TRICHLOROFLUOROMETHANE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	VINYL ACETATE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000
	VINYL CHLORIDE	ND	U	8,000	ND	UJ	8,000	ND	UJ	20,000	ND	UJ	40,000	ND	UJ	4,000	ND	UJ	40,000	ND	UJ	40,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-09-266			SVMW-10-050			SVMW-10-100			SVMW-10-150			SVMW-10-250			SVMW-11-050			SVMW-11-100		
	SAMPLE NO	VA0037			VA0038			VA0039			VA0040			VA0041			VA0042			VA0043		
	SAMPLE DATE	3/10/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011			3/3/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	266-268.5 FT			50-52.5 FT			100-102.5 FT			150-152.5 FT			250-252.5 FT			50-52.5 FT			100-102.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	0.19	J	0.13	5.6		0.13	4		0.13	4.1		0.13	0.85		0.13	8.6		0.13	7.5		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	79		0.63	82		0.63	81		0.63	79		0.63	83		0.63	83		0.63
	OXYGEN	21		0.03	11		0.03	10		0.03	10		0.03	19		0.03	5.2		0.03	4.5		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-11-100			SVMW-11-250			SVMW-11-260			SVMW-12-150			SVMW-12-250			SVMW-12-350			SVMW-12-450		
	SAMPLE NO	VA0044			VA0045			VA0046			VA0047			VA0048			VA0049			VA0050		
	SAMPLE DATE	3/3/2011			3/3/2011			3/3/2011			3/4/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	100-102.5 ft			250-252.5 FT			260-262.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3) Method MADEP APH and TO13	C5-C8 ALIPHATIC HYDROCARBONS	12,000,000	J-	19,000,000	75,000,000	J-	9,400,000	18,000,000	J-	9,400,000	1,200,000	J-	940,000	3,400,000	J-	940,000	1,900,000	J-	940,000	4,900,000	J-	940,000
	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	21,000,000	ND	UJ	11,000,000	ND	UJ	11,000,000	ND	UJ	1,100,000	ND	UJ	1,100,000	ND	UJ	1,100,000	ND	UJ	1,100,000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	40,000,000	ND	UJ	20,000,000	ND	UJ	20,000,000	ND	UJ	2,000,000	ND	UJ	2,000,000	ND	UJ	2,000,000	ND	UJ	2,000,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv) Method TO 15	1,1,1-TRICHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,1,2,2-TETRACHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1,2-TRICHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,1-DICHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,1-DICHLOROETHENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2,4-TRICHLOROBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2-DIBROMOETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2-DICHLOROBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2-DICHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,2-DICHLOROPROPANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,3-DICHLOROBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,4-DICHLOROBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	1,4-DIOXANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	2-BUTANONE	160,000	J-	80,000	160,000	J-	40,000	37,000	J-	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	2-HEXANONE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	4-METHYL-2-PENTANONE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	ACETONE	780,000	J-	80,000	660,000	J-	40,000	140,000	J-	20,000	ND	UJ	8,000	ND	UJ	8,000	16,000		8,000	ND	U	8,000
	BENZENE	580,000	J-	80,000	450,000	J-	40,000	130,000	J-	20,000	8,200	J-	8,000	17,000	J-	8,000	30,000		8,000	13,000		8,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMODICHLOROMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	BROMOFORM	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	BROMOMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	C6N	3,200,000	J-	160,000	1,500,000	J-	80,000	280,000	J-	20,000	18,000	J-	8,000	35,000	J-	8,000	110,000		8,000	37,000		8,000
	CARBON DISULFIDE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CARBON TETRACHLORIDE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CHLOROBENZENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CHLOROETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CHLOROFORM	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CHLOROMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CIS-1,2-DICHLOROETHENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	CYCLOHEXANE	3,000,000	J-	160,000	2,000,000	J-	80,000	380,000	J-	20,000	23,000	J-	8,000	48,000	J-	8,000	100,000		8,000	50,000		8,000
	DIBROMOCHLOROMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	DICHLORODIFLUOROMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	ERYTHRENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	ETHANOL	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	ETHYL ACETATE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	ETHYLBENZENE	ND	UJ	80,000	ND	UJ	40,000	22,000	J-	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	FC113	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	HEPTANE	1,100,000	J-	80,000	1,600,000	J-	80,000	340,000	J-	20,000	24,000	J-	8,000	38,000	J-	8,000	68,000		8,000	28,000		8,000
	HEXACHLOROBUTADIENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ISOPROPANOL	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	M,P-XYLENES	ND	UJ	160,000	84,000	J-	80,000	53,000	J-	40,000	ND	UJ	16,000	ND	UJ	16,000	ND	U	16,000	ND	U	16,000
	METHYL TERT-BUTYL ETHER	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	METHYLENE CHLORIDE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	18,000		8,000
	NAPHTHALENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	O-XYLENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	P-ETHYLTOLUENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	PROPYLENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	STYRENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	TETRACHLOROETHENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	THF	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	12,000		8,000
	TOLUENE	1,000,000	J-	80,000	780,000	J-	40,000	320,000	J-	20,000	33,000	J-	8,000	43,000	J-	8,000	63,000		8,000	32,000		8,000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	TRICHLOROETHENE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	TRICHLOROFLUOROMETHANE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	VINYL ACETATE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000
	VINYL CHLORIDE	ND	UJ	80,000	ND	UJ	40,000	ND	UJ	20,000	ND	UJ	8,000	ND	UJ	8,000	ND	U	8,000	ND	U	8,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-11-100			SVMW-11-250			SVMW-11-260			SVMW-12-150			SVMW-12-250			SVMW-12-350			SVMW-12-450		
	SAMPLE NO	VA0044			VA0045			VA0046			VA0047			VA0048			VA0049			VA0050		
	SAMPLE DATE	3/3/2011			3/3/2011			3/3/2011			3/4/2011			3/4/2011			3/4/2011			3/4/2011		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	100-102.5 ft			250-252.5 FT			260-262.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	8.5		0.13	1.6		0.13	ND	U	0.13	0.13	J	0.13	0.2	J	0.13	0.6		0.13	0.15	J	0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	84		0.63	76		0.63	76		0.63	77		0.63	78		0.63	79		0.63	77		0.63
	OXYGEN	2.8		0.03	17		0.03	20		0.03	20		0.03	20		0.03	17		0.03	20		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-13-150			SVMW-13-250			SVMW-13-350			SVMW-13-350			SVMW-13-450			SVMW-14-150			SVMW-14-150		
	SAMPLE NO	VA0051			VA0052			VA0053			VA0054			VA0055			VA0056			VA0057		
	SAMPLE DATE	3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/1/2011			3/1/2011		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			FD		
	SAMPLE DEPTH	150-152.5 FT			250-252.5 FT			350-352.5 FT			350-352.5 FT			450-452.5 FT			150-152.5 FT			150-152.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	18,000,000	J-	4,700,000	1,800,000	J-	940,000	3,900,000	J-	940,000	1,400,000	J-	940,000	16,000,000	J-	1,900,000	27,000	J-	4,700	45,000	J-	4,700
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	5,300,000	ND	UJ	1,100,000	ND	UJ	1,100,000	ND	UJ	1,100,000	ND	UJ	2,100,000	ND	UJ	5,300	ND	UJ	5,300
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	10,000,000	ND	UJ	2,000,000	ND	UJ	2,000,000	ND	UJ	2,000,000	ND	UJ	4,000,000	25,000	J-	10,000	18,000	J-	10,000
	CARBON RANGE C12-C28 (UG, Total)																					
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	10	ND	UJ	40
	1,1,2-TRICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,1-DICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,1-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2,4-TRICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2,4-TRIMETHYLBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2-DIBROMOETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2-DICHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,2-DICHLOROPROPANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,3,5-TRIMETHYLBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,3-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,4-DICHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	1,4-DIOXANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	2-BUTANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	2-HEXANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	4-METHYL-2-PENTANONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ACETONE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	BENZENE	110,000		8,000	18,000		8,000	30,000		8,000	16,000		8,000	110,000		8,000	ND	UJ	10	ND	UJ	40
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	10	ND	UJ	40
	BROMODICHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	BROMOFORM	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	BROMOMETHANE	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	10	ND	UJ	40
	C6N	250,000		8,000	27,000		8,000	57,000		8,000	22,000		8,000	140,000		8,000	ND	UJ	10	ND	UJ	40
	CARBON DISULFIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CARBON TETRACHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	130	J-	10	110	J-	40
	CHLOROBENZENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CHLOROETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CHLOROFORM	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CIS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CIS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	CYCLOHEXANE	230,000		8,000	44,000		8,000	100,000		8,000	38,000		8,000	160,000		8,000	ND	UJ	10	ND	UJ	40
	DIBROMOCHLOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	DICHLORODIFLUOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ERYTHRENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ETHANOL	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ETHYL ACETATE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ETHYLBENZENE	13,000		8,000	9,300		8,000	10,000		8,000	9,000		8,000	11,000		8,000	ND	UJ	10	ND	UJ	40
	FC113	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	68	J-	10	100	J-	40
	HEPTANE	140,000		8,000	43,000		8,000	80,000		8,000	37,000		8,000	77,000		8,000	ND	UJ	10	ND	UJ	40
	HEXACHLOROBUTADIENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	ISOPROPANOL	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	M,P-XYLENES	29,000		16,000	22,000		16,000	23,000		16,000	20,000		16,000	25,000		16,000	ND	UJ	20	ND	UJ	80
	METHYL TERT-BUTYL ETHER	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	METHYLENE CHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	NAPHTHALENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	O-XYLENE	8,800		8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	8,600		8,000	ND	UJ	10	ND	UJ	40
	P-ETHYLTOLUENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	PROPYLENE	16,000		8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	15,000		8,000	ND	UJ	10	ND	UJ	40
	STYRENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	TETRACHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	THF	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	TOLUENE	220,000		8,000	51,000		8,000	64,000		8,000	42,000		8,000	94,000		8,000	ND	UJ	10	ND	UJ	40
	TRANS-1,2-DICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	TRANS-1,3-DICHLOROPROPENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	TRICHLOROETHENE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	22	J-	10	ND	UJ	40
	TRICHLOROFLUOROMETHANE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	VINYL ACETATE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40
	VINYL CHLORIDE	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	U	8,000	ND	UJ	10	ND	UJ	40

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-13-150			SVMW-13-250			SVMW-13-350			SVMW-13-350			SVMW-13-450			SVMW-14-150			SVMW-14-150		
	SAMPLE NO	VA0051			VA0052			VA0053			VA0054			VA0055			VA0056			VA0057		
	SAMPLE DATE	3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/11/2011			3/1/2011			3/1/2011		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			FD		
	SAMPLE DEPTH	150-152.5 FT			250-252.5 FT			350-352.5 FT			350-352.5 FT			450-452.5 FT			150-152.5 FT			150-152.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	0.36		0.13	0.46		0.13	1.3		0.13	1.3		0.13	0.42		0.13	ND	U	0.13	0.14	J	0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	80		0.63	80		0.63	80		0.63	79		0.63	79		0.63	78		0.63	78		0.63
	OXYGEN	18		0.03	17		0.03	17		0.03	17		0.03	17		0.03	20		0.03	20		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-14-250			SVMW-14-350			SVMW-14-450			SVMW-15-150			SVMW-15-250			SVMW-15-350			SVMW-15-450			SVMW-15-450		
	SAMPLE NO	VA0058			VA0059			VA0060			VA0061			VA0062			VA0063			VA0064			VA0065		
	SAMPLE DATE	3/1/2011			3/1/2011			3/1/2011			3/7/2011			3/7/2011			3/7/2011			3/7/2011			3/7/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	250-252.5 FT			350-352.5 FT			450-452.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	48,000	J-	4,700	170,000	J-	120,000	5,100,000	J-	470,000	350,000	J-	190,000	37,000	J-	0	62,000,000	J-	9,400,000	10,000,000	J-	19,000,000	11,000,000	J-	19,000,000
Method MADEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	5,300	ND	UJ	130,000	ND	UJ	530,000	ND	UJ	210,000	2,200	J-	0	ND	UJ	11,000,000	ND	UJ	21,000,000	ND	UJ	21,000,000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	25,000	J-	10,000	ND	UJ	250,000	ND	UJ	1,000,000	ND	UJ	400,000	18,000	J-	0	ND	UJ	20,000,000	ND	UJ	40,000,000	ND	UJ	40,000,000
	CARBON RANGE C12-C28 (UG, Total)																								
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1,2-TRICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,1-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DIBROMOETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,2-DICHLOROPROPANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,3-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,4-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	1,4-DIOXANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	2-BUTANONE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	2-HEXANONE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	4-METHYL-2-PENTANONE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ACETONE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	11,000	J-	8,000	ND	UJ	8,000
	BENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	260,000	J-	8,000	1,200,000	J-	160,000	1,200,000	J-	160,000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMODICHLOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMOFORM	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	BROMOMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	C6N	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	1,400,000	J-	80,000	3,500,000	J-	160,000	3,600,000	J-	160,000
	CARBON DISULFIDE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CARBON TETRACHLORIDE	110	J-	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROFORM	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CHLOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	CYCLOHEXANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	9,200	J-	4,000	ND	UJ	40	1,300,000	J-	80,000	3,300,000	J-	160,000	3,300,000	J-	160,000
	DIBROMOCHLOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	DICHLORODIFLUOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ERYTHRENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHANOL	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHYL ACETATE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ETHYLBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	59	J-	40	14,000	J-	8,000	31,000	J-	8,000	32,000	J-	8,000
	FC113	71	J-	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	HEPTANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	10,000	J-	4,000	ND	UJ	40	640,000	J-	80,000	2,200,000	J-	160,000	2,200,000	J-	160,000
	HEXACHLOROBUTADIENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	ISOPROPANOL	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	M,P-XYLENES	ND	UJ	80	ND	UJ	80	ND	UJ	80	ND	UJ	8,000	160	J-	80	27,000	J-	16,000	86,000	J-	16,000	89,000	J-	16,000
	METHYL TERT-BUTYL ETHER	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	METHYLENE CHLORIDE	ND	UJ	40	ND	UJ	40	ND	UJ	40	5,500	J-	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	NAPHTHALENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	O-XYLENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	47	J-	40	ND	UJ	8,000	21,000	J-	8,000	21,000	J-	8,000
	P-ETHYLTOLUENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	PROPYLENE	ND	UJ	40	69	J-	40	740	J-	40	ND	UJ	4,000	ND	UJ	40	63,000	J-	8,000	32,000	J-	8,000	37,000	J-	8,000
	STYRENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	TETRACHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	THF	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	TOLUENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	18,000	J-	4,000	ND	UJ	40	380,000	J-	8,000	1,600,000	J-	160,000	1,600,000	J-	160,000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	TRICHLOROFLUOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	VINYL ACETATE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000
	VINYL CHLORIDE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	4,000	ND	UJ	40	ND	UJ	8,000	ND	UJ	8,000	ND	UJ	8,000

Table 4-3
Soil Vapor Analytical Results, January - March 2011

	LOCATION CODE	SVMW-14-250			SVMW-14-350			SVMW-14-450			SVMW-15-150			SVMW-15-250			SVMW-15-350			SVMW-15-450			SVMW-15-450		
	SAMPLE NO	VA0058			VA0059			VA0060			VA0061			VA0062			VA0063			VA0064			VA0065		
	SAMPLE DATE	3/1/2011			3/1/2011			3/1/2011			3/7/2011			3/7/2011			3/7/2011			3/7/2011			3/7/2011		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	250-252.5 FT			350-352.5 FT			450-452.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	0.16	J	0.13	ND	U	0.13	1.3		0.13	0.39		0.13	0.31		0.13	0.37		0.13	1		0.13	0.79		0.13
	CARBON MONOXIDE	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066	ND	U	0.066
	METHANE	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043	ND	U	0.043
	NITROGEN	78		0.63	78		0.63	83		0.63	81		0.63	78		0.63	81		0.63	79		0.63	78		0.63
	OXYGEN	20		0.03	20		0.03	12		0.03	17		0.03	18		0.03	15		0.03	16		0.03	17		0.03

[a] EPA analytical methods listed are for the most recent sampling even
Shading indicates the analyte was detected.
J = estimated value, concentration is less than PQL but greater than la
J+ = estimated value, concentration is less than PQL but greater than
J- = estimated value, concentration is less than PQL but greater than l
U = Analyte was not detected. The reported numerical value is at or b
UJ = Analyte was *tentatively* not detected. The reported numerical va
N/A = Not applicable
ND = Not detected
NM = Not Measured
Blank cell = No results or no data

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106028-150			KAFB-106028-250			KAFB-106028-250			KAFB-106028-350			KAFB-106028-450			KAFB-106108-025			KAFB-106108-050			KAFB-106108-150			KAFB-106108-250		
	SAMPLE NO	VA0130			VA0131			VA0132			VA0133			VA0134			VA0135			VA0136			VA0137			VA0138		
	SAMPLE DATE	1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			21-Apr-11			21-Apr-11			21-Apr-11			21-Apr-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	148.8-151.2 FT			248.8-251.2 FT			248.8-251.2 FT			348.8-351.2 FT			448.8-451.2 FT			15.3-25.3 ft			40-50 ft			140.2-150.2 ft			240.3-250.3 ft		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	23000	J-	1200	25000	J-	1200	21000	J-	1200	430000	J-	24000	310000	J-	24000	360000	J-	94000	350000		94000	190000		94000	80000	J-	4700
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1400	ND	UJ	1400	ND	UJ	1400	ND	UJ	29000	ND	UJ	29000	ND	UJ	110000	ND	U	110000	ND	U	110000	ND	UJ	5300
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	12000	J-	1000	12000	J-	1000	12000	J-	1000	ND	UJ	21000	ND	UJ	21000	ND	UJ	200000	ND	U	200000	ND	U	200000	15000	J-	10000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	86	ND	UJ	86	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8.4	ND	UJ	8.4	ND	UJ	8.4	ND	UJ	170	ND	UJ	170	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,1,2-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,1-DICHLOROETHANE	ND	UJ	4.4	ND	UJ	4.4	ND	UJ	4.4	ND	UJ	89	ND	UJ	89	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,1-DICHLOROETHENE	ND	UJ	3.9	ND	UJ	3.9	ND	UJ	3.9	ND	UJ	78	ND	UJ	78	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2,4-TRICHLOROBENZENE	ND	UJ	11	ND	UJ	11	ND	UJ	11	ND	UJ	220	ND	UJ	220	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2,4-TRIMETHYLBENZENE	ND	UJ	9.8	ND	UJ	9.8	ND	UJ	9.8	ND	UJ	200	ND	UJ	200	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2-DIBROMOETHANE	ND	UJ	7.4	ND	UJ	7.4	ND	UJ	7.4	ND	UJ	150	ND	UJ	150	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2-DICHLOROBENZENE	ND	UJ	8.3	ND	UJ	8.3	ND	UJ	8.3	ND	UJ	170	ND	UJ	170	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2-DICHLOROETHANE	ND	UJ	7.8	ND	UJ	7.8	ND	UJ	7.8	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,2-DICHLOROPROPANE	ND	UJ	9	ND	UJ	9	ND	UJ	9	ND	UJ	180	ND	UJ	180	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,3,5-TRIMETHYLBENZENE	ND	UJ	9.6	ND	UJ	9.6	ND	UJ	9.6	ND	UJ	190	ND	UJ	190	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,3-DICHLOROBENZENE	ND	UJ	8.1	ND	UJ	8.1	ND	UJ	8.1	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,4-DICHLOROBENZENE	ND	UJ	7.8	ND	UJ	7.8	ND	UJ	7.8	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	1,4-DIOXANE	ND	UJ	5.1	ND	UJ	5.1	ND	UJ	5.1	ND	UJ	100	ND	UJ	100	ND	U	40	ND	U	40	ND	U	40	ND	UJ	40
	2-BUTANONE	ND	UJ	11	ND	UJ	11	ND	UJ	11	ND	UJ	230	ND	UJ	230	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	2-HEXANONE	ND	UJ	5.4	ND	UJ	5.4	ND	UJ	5.4	ND	UJ	110	ND	UJ	110	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	4-METHYL-2-PENTANONE	ND	UJ	6.3	ND	UJ	6.3	ND	UJ	6.3	ND	UJ	130	ND	UJ	130	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	ACETONE	ND	UJ	17	ND	UJ	17	ND	UJ	17	ND	UJ	340	4600	J-	340	55		20	72		20	84		20	92	J-	20
	BENZENE	130	J-	5	140	J-	5	86	J-	5	1600	J-	100	5300	J-	100	810		20	340		20	1600		20	ND	UJ	20
	BENZENE, (CHLOROMETHYL)-	ND	UJ	6.2	ND	UJ	6.2	ND	UJ	6.2	ND	UJ	120	ND	UJ	120	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	BROMODICHLOROMETHANE	ND	UJ	6.2	ND	UJ	6.2	ND	UJ	6.2	ND	UJ	120	ND	UJ	120	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	BROMOFORM	ND	UJ	7.9	ND	UJ	7.9	ND	UJ	7.9	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	BROMOMETHANE	ND	UJ	3	ND	UJ	3	ND	UJ	3	ND	UJ	60	ND	UJ	60	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CARBON DISULFIDE	ND	UJ	3.7	ND	UJ	3.7	ND	UJ	3.7	ND	UJ	74	ND	UJ	74	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CARBON TETRACHLORIDE	ND	UJ	4.6	ND	UJ	4.6	ND	UJ	4.6	ND	UJ	91	ND	UJ	91	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CHLOROBENZENE	ND	UJ	11	ND	UJ	11	ND	UJ	11	ND	UJ	220	ND	UJ	220	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CHLOROETHANE	ND	UJ	2.5	ND	UJ	2.5	ND	UJ	2.5	ND	UJ	50	ND	UJ	50	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CHLOROFORM	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	100	ND	UJ	100	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CHLOROMETHANE	ND	UJ	4.2	ND	UJ	4.2	ND	UJ	4.2	ND	UJ	83	ND	UJ	83	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CIS-1,2-DICHLOROETHENE	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	86	ND	UJ	86	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CIS-1,3-DICHLOROPROPENE	ND	UJ	6.6	ND	UJ	6.6	ND	UJ	6.6	ND	UJ	130	ND	UJ	130	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	CYCLOHEXANE	340	J-	27	390	J-	27	210	J-	27	5600	J-	550	11000	J-	550	1300		20	1700		20	2000		20	ND	UJ	20
	DIBROMOCHLOROMETHANE	ND	UJ	6.6	ND	UJ	6.6	ND	UJ	6.6	ND	UJ	130	ND	UJ	130	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	DICHLORODIFLUOROMETHANE	ND	UJ	3.4	ND	UJ	3.4	ND	UJ	3.4	ND	UJ	69	ND	UJ	69	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	ERYTHRENE	ND	UJ	6.1	ND	UJ	6.1	ND	UJ	6.1	ND	UJ	120	ND	UJ	120	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	ETHANOL	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	1600	ND	UJ	1600	ND	U	40	ND	U	40	ND	U	40	120	J-	40
	ETHYL ACETATE	ND	UJ	6.3	ND	UJ	6.3	ND	UJ	6.3	ND	UJ	130	ND	UJ	130	ND	U	20	ND	U	20	ND	U	20	84	J-	20
	ETHYLBENZENE	44	J-	29	45	J-	29	ND	UJ	29	ND	UJ	590	ND	UJ	590	46		20	55		20	55		20	ND	UJ	20
	FREON 113	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	4.3	ND	UJ	86	ND	UJ	86	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	HEPTANE	240	J-	10	270	J-	10	150	J-	10	2300	J-	200	9200	J-	200	290		20	590		20	570		20	ND	UJ	20
	HEXACHLOROBUTADIENE	ND	UJ	15	ND	UJ	15	ND	UJ	15	ND	UJ	300	ND	UJ	300	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	HEXANE	ND	UJ	28	ND	UJ	28	ND	UJ	28	4700	J-	550	14000	J-	550	1100		20	1000		20	940		20	49	J-	20
	ISOPROPANOL	ND	UJ	13	ND	UJ	13	ND	UJ	13	ND	UJ	260	ND	UJ	260	ND	U	20	ND	U	20	ND	U	20	43	J-	20
	M,P-XYLENES	130	J-	21	130	J-	21	96	J-	21	ND	UJ	420	1600	J-	420	220		40	230		40	220		40	ND	UJ	40
	METHYL TERT-BUTYL ETHER	ND	UJ	9.1	ND	UJ	9.1	ND	UJ	9.1	ND	UJ	180	ND	UJ	180	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	METHYLENE CHLORIDE	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	1700	ND	UJ	1700	ND	U	20	ND	U	20	ND	U	20	77	J-	20
	NAPHTHALENE	ND	UJ	9.9	ND	UJ	9.9	ND	UJ	9.9	ND	UJ	200	ND	UJ	200												
	O-XYLENE	60	J-	10	58	J-	10	44	J-	10	ND	UJ	210	ND	UJ	210	100		20	100		20	88		20	ND	UJ	20
	PROPYLENE	ND	UJ	3	ND	UJ	3	ND	UJ	3	ND	UJ	60	ND	UJ	60	58		20	92		20	44		20	ND	UJ	20
	STYRENE	ND	UJ	11	ND	UJ	11	ND	UJ	11	ND	UJ	210	ND	UJ	210	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	TETRACHLOROETHENE	ND	UJ	5.9	ND	UJ	5.9	ND	UJ	5.9	ND	UJ	120	ND	UJ	120	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	THF	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	160	ND	UJ	160	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	TOLUENE	ND	UJ	6.3	ND	UJ	6.3	ND	UJ	6.3	2100	J-	130	8900	J-	130	1100		20	1000		20	1300		20	88	J-	20
	TRANS-1,2-DICHLOROETHENE	ND	UJ	4.7	ND	UJ	4.7	ND	UJ	4.7	ND	UJ	94	ND	UJ	94	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	6.8	ND	UJ	6.8	ND	UJ	6.8	ND	UJ	140	ND	UJ	140	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	TRICHLOROETHENE	ND	UJ	4.8	ND	UJ	4.8	ND	UJ	4.8	ND	UJ	95	ND	UJ	95	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	TRICHLOROFLUOROMETHANE	ND	UJ	5.9	ND	UJ	5.9	ND	UJ	5.9	ND	UJ	120	ND	UJ	120	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	VINYL ACETATE	ND	UJ	11	ND	UJ	11	ND	UJ	11	ND	UJ	210	ND	UJ	210	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	VINYL CHLORIDE	ND	UJ	2.9	ND	UJ	2.9	ND	UJ	2.9	ND	UJ	58	ND	UJ	58	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20
	XYLENES	190	J-	31	190	J-	31	140	J-	31	ND	UJ	630	1600	J-	630	320		60	320		60	310		60	ND	UJ	60
General Chemistry	CARBON DIOXIDE	0.091	J	0.025	0.12		0.025	0.13		0.025	0.2		0.025	0.071	J	0.025	0.32		0.025	1.6		0.025	0.61		0.025	0.23		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	76		0.025	77		0.025	77		0.025	76		0.025	78		0.025	79		0.025	78		0.025	78		0.025
	OXYGEN	20		0.025	20		0.025	21		0.025	20		0.025	21		0.025	21		0.025	19		0.025	20		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106108-350			KAFB-106108-450			KAFB-106109-025			KAFB-106109-050			KAFB-106109-050			KAFB-106109-150			KAFB-106109-250			KAFB-106109-350			KAFB-106109-450		
	SAMPLE NO	VA0139			VA0140			VA0141			VA0142			VA0143			VA0144			VA0145			VA0146			VA0147		
	SAMPLE DATE	21-Apr-11			21-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			20-Apr-11			20-Apr-11			20-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	340.3-350.3 ft			440-450 ft			15.2-25.2 FT			40.1-50.1 FT			40.1-50.1 FT			140-150 FT			240.2-250.2 ft			340.6-350.6 ft			440-450 ft		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	440000	J-	47000	540000	J-	47000	390000		94000	480000	J-	94000	480000		94000	40000		4700	390000		94000	72000	J-	4700	120000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	53000	ND	UJ	53000	ND	U	110000	ND	UJ	110000	ND	U	110000	ND	U	5300	ND	U	110000	ND	UJ	5300	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	100000	ND	UJ	100000	ND	U	200000	ND	UJ	200000	ND	U	200000	20000		10000	ND	U	200000	12000	J-	10000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2-DIBROMOETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	UJ	800	ND	U	40	ND	U	800	ND	U	800	ND	UJ	40
	2-BUTANONE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	ACETONE	88		20	130		20	ND	U	400	ND	U	400	1800	J-	400	ND	U	20	ND	U	400	ND	U	400	73	J-	20
	BENZENE	1900		20	880		20	1500		400	1300		400	4000	J-	400	190		20	1800		400	ND	U	400	200	J-	20
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	BROMOFORM	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	CYCLOHEXANE	2600		20	2400		20	3200		400	2600		400	8800	J-	400	400		20	2400		400	1200		400	370	J-	20
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	ETHANOL	ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	UJ	800	ND	U	40	ND	U	800	ND	U	800	ND	UJ	40
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	ETHYLBENZENE	86		20	92		20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	55	J-	20
	FREON 113	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	HEPTANE	820		20	730		20	2000	J	400	1500	J	400	5400	J-	400	300		20	ND	U	400	ND	U	400	300	J-	20
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	HEXANE	2800		20	1400		20	1900		400	1700		400	5200	J-	400	200		20	1900		400	1400		400	210	J-	20
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	M,P-XYLENES	280		40	330		40	980		800	ND	U	800	1700	J-	800	110		40	ND	U	800	ND	U	800	190	J-	40
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	5500	J-	400	ND	U	20	4500		400	2100		400	ND	UJ	20
	NAPHTHALENE																											
	O-XYLENE	110		20	110		20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	62	J-	20
	PROPYLENE	510		20	130		20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	STYRENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	THF	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	TOLUENE	2100		20	1900		20	3900	J	400	2800	J	400	12000	J-	400	550		20	2900		400	1300		400	790	J-	20
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	400	ND	U	400	ND	UJ	400	ND	U	20	ND	U	400	ND	U	400	ND	UJ	20
	XYLENES	390		60	440		60	ND	U	1200	ND	U	1200	1700	J-	1200	110		60	ND	U	1200	ND	U	1200	250	J-	60
General Chemistry	CARBON DIOXIDE	0.095	J	0.025	0.28		0.025	0.25		0.025	0.31		0.025	0.34		0.025	0.15		0.025	0.15		0.025	0.14		0.025	0.57		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	79		0.025	78		0.025	78		0.025	78		0.025	78		0.025	77		0.025	79		0.025	81		0.025
	OXYGEN	21		0.025	20		0.025	21		0.025	21		0.025	21		0.025	21		0.025	21		0.025	21		0.025	18		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106110-025			KAFB-106110-050			KAFB-106110-150			KAFB-106110-250			KAFB-106110-250			KAFB-106110-350			KAFB-106110-450			KAFB-106111-025			KAFB-106111-050		
	SAMPLE NO	VA0148			VA0149			VA0150			VA0151			VA0152			VA0153			VA0154			VA0155			VA0156		
	SAMPLE DATE	19-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			19-Apr-11			18-Apr-11			18-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			40.11-50.11 FT			140.32-150.32 FT			240-250 FT			240-250 FT			340.2-350.2 FT			440-450 FT			15.23-25.23 FT			40.06-50.06 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	260000		94000	270000		94000	340000		94000	660000		94000	360000		94000	820000		94000	940000	J	94000	2600000		94000	1300000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	230000		200000	ND	U	200000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,1-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,1-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2-DIBROMOETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROPROPANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,3-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,4-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	1,4-DIOXANE	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800
	2-BUTANONE	ND	U	400	ND	U	400	820		400	ND	U	400	1100		400	ND	U	400	940		400	ND	U	400	ND	U	400
	2-HEXANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	4-METHYL-2-PENTANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	ACETONE	ND	U	400	990		400	ND	U	400	ND	U	400	2300		400	ND	U	400	2400		400	ND	U	400	940		400
	BENZENE	1300		400	1200		400	3000		400	5900		400	5300		400	3200		400	6400		400	21000		400	10000		400
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	BROMODICHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	BROMOFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	BROMOMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CARBON DISULFIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CARBON TETRACHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CHLOROFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	CYCLOHEXANE	2500		400	2000		400	3600		400	6100		400	3400		400	6200		400	33000		400	32000		400	21000		400
	DIBROMOCHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	ERYTHRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	ETHANOL	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800
	ETHYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	ETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	890		400	ND	U	400
	FREON 113	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	HEPTANE	1400		400	1200		400	1800		400	3800		400	1900		400	2300		400	15000		400	11000		400	3700		400
	HEXACHLOROBUTADIENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	HEXANE	2000		400	1500		400	2600		400	3100		400	2800		400	7200		400	38000		400	30000		400	11000		400
	ISOPROPANOL	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	M,P-XYLENES	840		800	870		800	950		800	900		800	1100		800	ND	U	800	1800		800	2100		800	1600		800
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	METHYLENE CHLORIDE	ND	U	400	1000		400	1200		400	940		400	9600		400	1900		400	7500		400	2200		400	2400		400
	NAPHTHALENE																											
	O-XYLENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	PROPYLENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	2300		400	1900		400	1000		400
	STYRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	TETRACHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	THF	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	TOLUENE	3400		400	3200		400	4300		400	10000		400	8500		400	6700		400	15000		400	23000		400	9900		400
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	TRICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	VINYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	VINYL CHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400
	XYLENES	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	1800		1200	2100		1200	1600		1200
General Chemistry	CARBON DIOXIDE	0.46		0.025	0.4		0.025	0.31		0.025	0.048	J	0.025	0.05	J	0.025	0.16		0.025	0.8		0.025	0.47		0.025	0.68		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	79		0.025	79		0.025	78		0.025	78		0.025	79		0.025	83		0.025	79		0.025	79		0.025
	OXYGEN	20		0.025	20		0.025	20		0.025	21		0.025	21		0.025	21		0.025	15		0.025	20		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106111-150			KAFB-106111-250			KAFB-106111-350			KAFB-106111-450			KAFB-106112-025			KAFB-106112-050			KAFB-106112-050			KAFB-106112-150		
	SAMPLE NO	VA0157			VA0158			VA0159			VA0160			VA0161			VA0162			VA0163			VA0164		
	SAMPLE DATE	18-Apr-11			18-Apr-11			18-Apr-11			18-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG		
	SAMPLE DEPTH	140.27-150.27 FT			240.27-250.27 FT			340.4-350.4 FT			440.3-450.3 FT			15-25 FT			40-50 FT			40-50 FT			140-150 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	410000		94000	290000		94000	990000		94000	940000	J	94000	13000000	J-	940000	12000000	J-	940000	12000000	J-	940000	320000	J-	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	UJ	1100000	ND	UJ	1100000	ND	UJ	1100000	ND	UJ	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	ND	U	200000	360000		200000	ND	UJ	2000000	ND	UJ	2000000	ND	UJ	2000000	ND	UJ	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,1-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,1-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2-DIBROMOETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,2-DICHLOROPROPANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,3-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,4-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	1,4-DIOXANE	ND	U	800	ND	U	800	ND	U	800	ND	U	8000	ND	U	8000	ND	U	8000	ND	U	8000	ND	UJ	800
	2-BUTANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	2-HEXANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	4-METHYL-2-PENTANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	ACETONE	ND	U	400	820		400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	1700	J-	400
	BENZENE	3200		400	6400		400	5000		400	94000		4000	92000		4000	73000		4000	74000		4000	2600	J-	400
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	BROMODICHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	BROMOFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	BROMOMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CARBON DISULFIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CARBON TETRACHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CHLOROFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	CYCLOHEXANE	3400		400	1600		400	9300		400	180000		4000	190000		4000	200000		4000	220000		4000	3000	J-	400
	DIBROMOCHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	ERYTHRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	ETHANOL	ND	U	800	ND	U	800	ND	U	800	ND	U	8000	ND	U	8000	ND	U	8000	11000		8000	ND	UJ	800
	ETHYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	ETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	810	J-	400
	FREON 113	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	HEPTANE	1100		400	ND	U	400	3300		400	58000		4000	52000		4000	48000		4000	47000		4000	2300	J-	400
	HEXACHLOROBUTADIENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	HEXANE	2100		400	1300		400	11000		400	190000		4000	150000		4000	120000		4000	140000		4000	3500	J-	400
	ISOPROPANOL	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	M,P-XYLENES	1000		800	1100		800	1400		800	8900		8000	9200		8000	8300		8000	ND	U	8000	2500	J-	800
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	METHYLENE CHLORIDE	1000		400	1200		400	1500		400	ND	U	4000	10000		4000	ND	U	4000	ND	U	4000	20000	J-	400
	NAPHTHALENE																								
	O-XYLENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	1000	J-	400
	PROPYLENE	ND	U	400	ND	U	400	980		400	15000		4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	STYRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	TETRACHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	THF	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	TOLUENE	3900		400	13000		400	9900		400	110000		4000	68000		4000	60000		4000	52000		4000	10000	J-	400
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	TRICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	VINYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	VINYL CHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	4000	ND	U	4000	ND	U	4000	ND	U	4000	ND	UJ	400
	XYLENES	ND	U	1200	ND	U	1200	1400		1200	ND	U	12000	ND	U	12000	ND	U	12000	ND	U	12000	3500	J-	1200
General Chemistry	CARBON DIOXIDE	0.57		0.025	0.47		0.025	0.14		0.025	1.1		0.025	0.3		0.025	0.52		0.025	0.58		0.025	0.35		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	78		0.025	78		0.025	84		0.025	78		0.025	79		0.025	79		0.025	79		0.025
	OXYGEN	20		0.025	20		0.025	21		0.025	14		0.025	20		0.025	19		0.025	19		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106112-250			KAFB-106112-350			KAFB-106112-450			KAFB-106113-020			KAFB-106113-020			KAFB-106113-050			KAFB-106113-150			KAFB-106113-250			KAFB-106113-350		
	SAMPLE NO	VA0165			VA0166			VA0167			VA0168			VA0169			VA0170			VA0171			VA0172			VA0173		
	SAMPLE DATE	2-May-11			2-May-11			2-May-11			6-Apr-11			6-Apr-11			6-Apr-11			6-Apr-11			6-Apr-11			6-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	240-250 FT			339-349 FT			439-449 FT			10-20 FT			10-20 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	540000		94000	5800000		940000	920000		94000	270000		94000	180000		94000	510000		94000	98000		94000	280000		94000	1800000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	1100000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	2000000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,1-DICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,1-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	4000	ND	U	800	14		4	13		4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2-DIBROMOETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2-DICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	1,4-DIOXANE	ND	U	40	ND	U	8000	ND	U	1600	ND	U	8	ND	U	8	ND	U	40	ND	U	40	ND	U	40	ND	U	800
	2-BUTANONE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	2-HEXANONE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	ACETONE	ND	U	20	ND	U	4000	4300		800	ND	U	4	ND	U	4	98		20	140		20	150		20	1700		400
	BENZENE	80		20	23000		4000	31000		800	130		4	130		4	130		20	49		20	2400		20	16000		400
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	BROMODICHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	BROMOFORM	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	BROMOMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CARBON DISULFIDE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CARBON TETRACHLORIDE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CHLOROETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CHLOROFORM	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	CYCLOHEXANE	120		20	60000		4000	29000		800	830		20	1100		20	2500		20	ND	U	20	1500		20	24000		400
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	ERYTHRENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	ETHANOL	130		40	ND	U	8000	ND	U	1600	ND	U	8	ND	U	8	ND	U	40	ND	U	40	ND	U	40	980		800
	ETHYL ACETATE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	ETHYLBENZENE	ND	U	20	ND	U	4000	1700		800	26		4	36		4	71		20	ND	U	20	46		20	ND	U	400
	FREON 113	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	HEPTANE	ND	U	20	20000		4000	16000		800	86		4	160		4	310		20	97		20	230		20	4300		400
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	HEXANE	100		20	78000		4000	30000		800	ND	U	4	ND	U	4	1000		20	ND	U	20	950		20	21000		400
	ISOPROPANOL	ND	U	20	ND	U	4000	ND	U	800	9.3		4	9		4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	M,P-XYLENES	ND	U	40	ND	U	8000	4300		1600	67		8	97		8	180		40	96		40	110		40	1200		800
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	METHYLENE CHLORIDE	90		20	ND	U	4000	15000		800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	11000		400
	NAPHTHALENE										ND	U	2	ND	U	2	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	200
	O-XYLENE	ND	U	20	ND	U	4000	ND	U	800	28		4	36		4	74		20	ND	U	20	47		20	ND	U	400
	PROPYLENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	4200		400
	STYRENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	TETRACHLOROETHENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	THF	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	TOLUENE	110		20	32000		4000	40000		800	240		4	310		4	450		20	180		20	570		20	17000		400
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	TRICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	VINYL ACETATE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	VINYL CHLORIDE	ND	U	20	ND	U	4000	ND	U	800	ND	U	4	ND	U	4	ND	U	20	ND	U	20	ND	U	20	ND	U	400
	XYLENES	ND	U	60	ND	U	12000	4300		2400	95		12	130		12	250		60	96		60	150		60	1200		1200
General Chemistry	CARBON DIOXIDE	0.11		0.025	0.2		0.025	0.17		0.025	0.19		0.025	0.16		0.025	0.19		0.025	0.13		0.025	0.4		0.025	0.19		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	77		0.025	78		0.025	77		0.025	77		0.025	77		0.025	78		0.025	79		0.025	79		0.025	78		0.025
	OXYGEN	21		0.025	20		0.025	21		0.025	20		0.025	20		0.025	20		0.025	20		0.025	19		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106113-450			KAFB-106114-025			KAFB-106114-050			KAFB-106114-150			KAFB-106114-250			KAFB-106114-250			KAFB-106114-350			KAFB-106114-450			KAFB-106115-025		
	SAMPLE NO	VA0174			VA0175			VA0176			VA0177			VA0178			VA0179			VA0180			VA0181			VA0182		
	SAMPLE DATE	6-Apr-11			7-Apr-11			7-Apr-11			7-Apr-11			7-Apr-11			7-Apr-11			7-Apr-11			7-Apr-11			5-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	440-450 FT			15-25 FT			40-50 FT			140-150 FT			235-245 FT			235-245 FT			340-350 FT			439.6-449.5 FT			14.6-24.6 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	940000	J	94000	380000		94000	230000		94000	ND	U	94000	17000		940	950		940	ND	U	940	1900000	J	190000	570000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	1100	ND	U	1100	ND	U	1100	ND	U	210000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	340000		200000	ND	U	200000	ND	U	200000	ND	U	200000	11000		2000	ND	U	2000	ND	U	2000	620000		400000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,1,2-TRICHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,1-DICHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,1-DICHLOROETHENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2,4-TRICHLOROBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2,4-TRIMETHYLBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	8.4	J+	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2-DIBROMOETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2-DICHLOROBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2-DICHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,2-DICHLOROPROPANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,3,5-TRIMETHYLBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	4.7	J+	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,3-DICHLOROBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,4-DICHLOROBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	1,4-DIOXANE	ND	U	1600	ND	U	40	ND	U	40	ND	U	40	ND	U	2	ND	U	2	ND	U	2	ND	U	8000	ND	U	40
	2-BUTANONE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	UJ	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	2-HEXANONE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	4-METHYL-2-PENTANONE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	ACETONE	2100		800	ND	U	20	ND	U	20	ND	U	20	ND	UJ	1	ND	U	1	ND	U	1	ND	U	4000	160		20
	BENZENE	98000		800	2100		20	650		20	160		20	48	J+	1	3.4		1	ND	U	1	310000		4000	150		20
	BENZENE, (CHLOROMETHYL)-	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	BROMODICHLOROMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	BROMOFORM	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	BROMOMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CARBON DISULFIDE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CARBON TETRACHLORIDE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	2.7	J+	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CHLOROBENZENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CHLOROETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CHLOROFORM	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CHLOROMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CIS-1,2-DICHLOROETHENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CIS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	CYCLOHEXANE	130000		800	3000		20	2000		20	ND	U	20	100		1	ND	U	1	ND	U	1	620000		4000	2400		20
	DIBROMOCHLOROMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	DICHLORODIFLUOROMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	ERYTHRENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	ETHANOL	ND	U	1600	ND	U	40	ND	U	40	ND	U	40	ND	UJ	2	57		2	26		2	ND	U	8000	ND	U	40
	ETHYL ACETATE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	6.1		1	2.6		1	ND	U	4000	ND	U	20
	ETHYLBENZENE	5600		800	54		20	ND	U	20	ND	U	20	25	J+	1	ND	U	1	ND	U	1	ND	U	4000	65		20
	FREON 113	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	HEPTANE	51000		800	400		20	180		20	99		20	36	J+	1	ND	U	1	ND	U	1	360000		4000	450		20
	HEXACHLOROBUTADIENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	HEXANE	150000		800	1500		20	830		20	ND	U	20	ND	UJ	1	ND	U	1	ND	U	1	700000		4000	590		20
	ISOPROPANOL	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	4.9		1	ND	U	4000	41		20
	M,P-XYLENES	9200		1600	95		40	74		40	60		40	53	J+	2	2.8		2	ND	U	2	16000		8000	160		40
	METHYL TERT-BUTYL ETHER	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	METHYLENE CHLORIDE	6200		800	ND	U	20	ND	U	20	ND	U	20	ND	UJ	1	ND	U	1	ND	U	1	9400		4000	ND	U	20
	NAPHTHALENE	ND	U	400	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	0.49	ND	U	0.49	ND	U	0.49	ND	U	2000	ND	U	9.9
	O-XYLENE	2600		800	ND	U	20	ND	U	20	ND	U	20	24	J+	1	ND	U	1	ND	U	1	ND	U	4000	64		20
	PROPYLENE	16000		800	560		20	ND	U	20	ND	U	20	ND	UJ	1	ND	U	1	ND	U	1	17000		4000	ND	U	20
	STYRENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	TETRACHLOROETHENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	THF	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	TOLUENE	110000		800	1500		20	620		20	370		20	150	J+	1	44		1	14		1	310000		4000	530		20
	TRANS-1,2-DICHLOROETHENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	TRANS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	TRICHLOROETHENE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	TRICHLOROFLUOROMETHANE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	VINYL ACETATE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	VINYL CHLORIDE	ND	U	800	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	4000	ND	U	20
	XYLENES	12000		2400	95		60	74		60	60		60	76	J+	3	ND	U	3	ND	U	3	16000		12000	220		60
General Chemistry	CARBON DIOXIDE	0.17		0.025	0.35		0.025	0.34		0.025	0.36		0.025	0.6		0.025	0.71		0.025	0.23		0.025	0.13		0.025	0.13		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	78		0.025	79		0.025	79		0.025	79		0.025	79		0.025	79		0.025	79		0.025	78		0.025
	OXYGEN	18		0.025	19		0.025	19		0.025	19		0.025	19		0.025	18		0.025	19		0.025	20		0.025	20		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106115-050			KAFB-106115-150			KAFB-106115-250			KAFB-106115-350			KAFB-106115-450			KAFB-106115-450			KAFB-106116-025			KAFB-106116-050			KAFB-106116-150		
	SAMPLE NO	VA0183			VA0184			VA0185			VA0186			VA0187			VA0188			VA0189			VA0190			VA0191		
	SAMPLE DATE	5-Apr-11			4-Apr-11			4-Apr-11			5-Apr-11			7-Apr-11			7-Apr-11			12-Apr-11			12-Apr-11			14-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	39.6-49.6 FT			144.6-154.6 FT			239.6-249.6 FT			339.6-349.6 FT			439.6-449.6 FT			439.6-449.6 FT			15-25 FT			40-50 FT			140-150 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	510000		94000	180000		94000	190000		94000	520000		94000	ND	U	940	7500000		190000	1300000		94000	1400000		94000	160000		47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	1100	ND	U	210000	ND	U	110000	ND	U	110000	ND	U	53000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	2000	ND	U	400000	ND	U	200000	ND	U	200000	ND	U	100000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2-DIBROMOETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	2	ND	U	1600	ND	U	800	ND	U	800	ND	U	800
	2-BUTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	ACETONE	170		20	100		20	99		20	ND	U	20	ND	U	1	3000		800	ND	U	400	1700		400	ND	U	400
	BENZENE	94		20	150		20	220		20	50		20	ND	U	1	15000		800	15000		400	16000		400	1300		400
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	BROMOFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	CYCLOHEXANE	1500		20	1600		20	1700		20	1100		20	ND	U	1	60000		800	34000		400	40000		400	1900		400
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	ETHANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	40	79		2	2900		1600	ND	U	800	ND	U	800	ND	U	800
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	10		1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	ETHYLBENZENE	50		20	73		20	180		20	ND	U	20	ND	U	1	1700		800	1200		400	1100		400	ND	U	400
	FREON 113	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	HEPTANE	210		20	410		20	660		20	140		20	ND	U	1	21000		800	19000	J	400	20000	J	400	ND	U	400
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	HEXANE	630		20	ND	U	20	ND	U	20	1000		20	ND	U	1	69000		800	22000		400	36000		400	1200		400
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	20	ND	U	20	14		1	4500		800	ND	U	400	ND	U	400	ND	U	400
	M,P-XYLENES	120		40	180		40	410		40	64		40	2.9		2	3100		1600	4400		800	3700		800	ND	U	800
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	41000		800	ND	U	400	1100		400	1600		400
	NAPHTHALENE	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	0.49	ND	U	400									
	O-XYLENE	50		20	75		20	170		20	ND	U	20	ND	U	1	ND	U	800	1200		400	1100		400	ND	U	400
	PROPYLENE	ND	U	20	ND	U	20	ND	U	20	690		20	ND	U	1	9300		800	ND	U	400	ND	U	400	ND	U	400
	STYRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	THF	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	TOLUENE	350		20	510		20	1200		20	160		20	47		1	35000		800	36000	J	400	30000	J	400	2700	J	400
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1	ND	U	800	ND	U	400	ND	U	400	ND	U	400
	XYLENES	170		60	250		60	570		60	64		60	ND	U	3	3100		2400	5600		1200	4800		1200	ND	U	1200
General Chemistry	CARBON DIOXIDE	0.099	J	0.025	0.099	J	0.025	0.057	J	0.025	0.073	J	0.025	0.44		0.025	0.3		0.025	0.17		0.025	0.31		0.025	0.23		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	80		0.025	79		0.025	80		0.025	83		0.025	82		0.025	79		0.025	79		0.025	79		0.025
	OXYGEN	20		0.025	20		0.025	21		0.025	21		0.025	17		0.025	18		0.025	21		0.025	21		0.025	20		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106116-250			KAFB-106116-250			KAFB-106116-350			KAFB-106116-450			KAFB-106117-025			KAFB-106117-050			KAFB-106117-150			KAFB-106117-250		
	SAMPLE NO	VA0192			VA0192-R			VA0193			VA0194			VA0195			VA0196			VA0197			VA0198		
	SAMPLE DATE	14-Apr-11			13-May-11			14-Apr-11			14-Apr-11			10-May-11			10-May-11			10-May-11			10-May-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	240-250 FT			240-249.45			340-350 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240-250 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS				1500000	J-	24000	10000000		940000	140000000		9400000	820000	J-	94000	420000	J-	94000	230000	J-	24000	3700000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS				ND	UJ	29000	ND	U	1100000	ND	U	11000000	ND	UJ	110000	ND	UJ	110000	ND	UJ	29000	ND	UJ	1100000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS				51000	J-	21000	ND	U	2000000	ND	U	20000000	ND	UJ	200000	ND	UJ	200000	29000	J-	21000	ND	UJ	2000000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE				ND	UJ	86	ND	U	400	ND	U	400	ND	U	4.3	ND	U	4.3	ND	U	4.3	ND	U	860
Method TO 15	1,1,2,2-TETRACHLOROETHANE				ND	UJ	170	ND	U	400	ND	U	400	ND	U	8.4	ND	U	8.4	ND	U	8.4	ND	U	1700
	1,1,2-TRICHLOROETHANE				ND	UJ	160	ND	U	400	ND	U	400	ND	U	8	ND	U	8	ND	U	8	ND	U	1600
	1,1-DICHLOROETHANE				ND	UJ	89	ND	U	400	ND	U	400	ND	U	4.4	ND	U	4.4	ND	U	4.4	ND	U	890
	1,1-DICHLOROETHENE				ND	UJ	78	ND	U	400	ND	U	400	ND	U	3.9	ND	U	3.9	ND	U	3.9	ND	U	780
	1,2,4-TRICHLOROBENZENE				ND	UJ	220	ND	U	400	ND	U	400	ND	U	11	ND	U	11	ND	U	11	ND	U	2200
	1,2,4-TRIMETHYLBENZENE				ND	UJ	200	ND	U	400	1000		400	ND	U	9.8	ND	U	9.8	ND	U	9.8	ND	U	2000
	1,2-DIBROMOETHANE				ND	UJ	150	ND	U	400	1800		400	ND	U	7.4	ND	U	7.4	ND	U	7.4	ND	U	1500
	1,2-DICHLOROBENZENE				ND	UJ	170	ND	U	400	ND	U	400	ND	U	8.3	ND	U	8.3	ND	U	8.3	ND	U	1700
	1,2-DICHLOROETHANE				ND	UJ	160	ND	U	400	ND	U	400	ND	U	7.8	ND	U	7.8	ND	U	7.8	ND	U	1600
	1,2-DICHLOROPROPANE				ND	UJ	180	ND	U	400	ND	U	400	ND	U	9	ND	U	9	ND	U	9	ND	U	1800
	1,3,5-TRIMETHYLBENZENE				ND	UJ	190	ND	U	400	940		400	ND	U	9.6	ND	U	9.6	ND	U	9.6	ND	U	1900
	1,3-DICHLOROBENZENE				ND	UJ	160	ND	U	400	ND	U	400	ND	U	8.1	ND	U	8.1	ND	U	8.1	ND	U	1600
	1,4-DICHLOROBENZENE				ND	UJ	160	ND	U	400	ND	U	400	ND	U	7.8	ND	U	7.8	ND	U	7.8	ND	U	1600
	1,4-DIOXANE				ND	UJ	100	ND	U	800	ND	U	800	ND	U	5.1	ND	U	5.1	ND	U	5.1	ND	U	1000
	2-BUTANONE				ND	UJ	230	ND	U	400	1400		400	ND	U	11	ND	U	11	ND	U	11	ND	U	2300
	2-HEXANONE				ND	UJ	110	ND	U	400	ND	U	400	ND	U	5.4	ND	U	5.4	ND	U	5.4	ND	U	1100
	4-METHYL-2-PENTANONE				ND	UJ	130	ND	U	400	ND	U	400	ND	U	6.3	ND	U	6.3	ND	U	6.3	ND	U	1300
	ACETONE				2800	J-	340	870		400	5200		400	ND	U	17	ND	U	17	ND	U	17	ND	U	3400
	BENZENE				9400	J-	100	41000		400	2100000		40000	9800		100	6700	J-	50	410		5	ND		1000
	BENZENE, (CHLOROMETHYL)-				ND	UJ	120	ND	U	400	ND	U	400	ND	U	6.2	ND	U	6.2	ND	U	6.2	ND	U	1200
	BROMODICHLOROMETHANE				ND	UJ	120	ND	U	400	ND	U	400	ND	U	6.2	ND	U	6.2	ND	U	6.2	ND	U	1200
	BROMOFORM				ND	UJ	160	ND	U	400	ND	U	400	ND	U	7.9	ND	U	7.9	ND	U	7.9	ND	U	1600
	BROMOMETHANE				ND	UJ	60	ND	U	400	ND	U	400	ND	U	3	ND	U	3	ND	U	3	ND	U	600
	CARBON DISULFIDE				ND	UJ	74	ND	U	400	ND	U	400	ND	U	3.7	ND	U	3.7	ND	U	3.7	ND	U	740
	CARBON TETRACHLORIDE				ND	UJ	91	ND	U	400	ND	U	400	ND	U	4.6	ND	U	4.6	ND	U	4.6	ND	U	910
	CHLOROBENZENE				ND	UJ	220	ND	U	400	ND	U	400	ND	U	11	ND	U	11	ND	U	11	ND	U	2200
	CHLOROETHANE				ND	UJ	50	ND	U	400	ND	U	400	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	500
	CHLOROFORM				ND	UJ	100	ND	U	400	ND	U	400	ND	U	5	ND	U	5	ND	U	5	ND	U	1000
	CHLOROMETHANE				ND	UJ	83	ND	U	400	ND	U	400	ND	U	4.2	ND	U	4.2	ND	U	4.2	ND	U	830
	CIS-1,2-DICHLOROETHENE				ND	UJ	86	ND	U	400	ND	U	400	ND	U	4.3	ND	U	4.3	ND	U	4.3	ND	U	860
	CIS-1,3-DICHLOROPROPENE				ND	UJ	130	ND	U	400	ND	U	400	ND	U	6.6	ND	U	6.6	ND	U	6.6	ND	U	1300
	CYCLOHEXANE				19000	J-	550	75000		400	4700000		40000	28000		550	20000	J-	270	800		27	150000		5500
	DIBROMOCHLOROMETHANE				ND	UJ	130	ND	U	400	ND	U	400	ND	U	6.6	ND	U	6.6	ND	U	6.6	ND	U	1300
	DICHLORODIFLUOROMETHANE				ND	UJ	69	ND	U	400	ND	U	400	ND	U	3.4	ND	U	3.4	ND	U	3.4	ND	U	690
	ERYTHRENE				ND	UJ	120	ND	U	400	ND	U	400	ND	U	6.1	ND	U	6.1	ND	U	6.1	ND	U	1200
	ETHANOL				ND	UJ	1600	ND	U	800	ND	U	800	ND	U	78	ND	U	78	ND	U	78	ND	U	16000
	ETHYL ACETATE				ND	UJ	130	ND	U	400	1200		400	ND	U	6.3	ND	U	6.3	ND	U	6.3	ND	U	1300
	ETHYLBENZENE				ND	UJ	590	1400		400	21000		400	350		29	220		29	74	J	29	ND	U	5900
	FREON 113				ND	UJ	86	ND	U	400	ND	U	400	ND	U	4.3	ND	U	4.3	ND	U	4.3	ND	U	860
	HEPTANE				10000	J-	200	35000	J	400	2900000	J	40000	7600		200	1400		10	340		10	76000		2000
	HEXACHLOROBUTADIENE				ND	UJ	300	ND	U	400	ND	U	400	ND	U	15	ND	U	15	ND	U	15	ND	U	3000
	HEXANE				18000	J-	550	80000		400	5700000		40000	25000		550	14000	J-	280	ND	U	28	140000		5500
	ISOPROPANOL				960	J-	260	ND	U	400	ND	U	400	ND	U	13	ND	U	13	ND	U	13	ND	U	2600
	M,P-XYLENES				ND	UJ	420	2800		800	49000		800	580		21	380		21	160		21	8100	J	4200
	METHYL TERT-BUTYL ETHER				ND	UJ	180	ND	U	400	ND	U	400	ND	U	9.1	ND	U	9.1	ND	U	9.1	ND	U	1800
	METHYLENE CHLORIDE				6200	J-	1700	1900		400	1500		400	ND	U	83	ND	U	83	ND	U	83	ND	U	17000
	NAPHTHALENE				ND	UJ	200							ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	2000
	O-XYLENE				ND	UJ	210	850		400	16000		400	260		10	190		10	72		10	ND	U	2100
	PROPYLENE				ND	UJ	60	6700		400	37000		400	200		3	82		3	ND	U	3	ND	U	600
	STYRENE				ND	UJ	210	ND	U	400	ND	U	400	ND	U	11	ND	U	11	ND	U	11	ND	U	2100
	TETRACHLOROETHENE				ND	UJ	120	ND	U	400	ND	U	400	ND	U	5.9	ND	U	5.9	ND	U	5.9	ND	U	1200
	THF				ND	UJ	160	ND	U	400	ND	U	400	ND	U	8	ND	U	8	ND	U	8	ND	U	1600
	TOLUENE				12000	J-	130	45000	J	400	1900000	J	40000	15000		130	6400	J-	63	ND	U	6.3	88000		1300
	TRANS-1,2-DICHLOROETHENE				ND	UJ	94	ND	U	400	ND	U	400	ND	U	4.7	ND	U	4.7	ND	U	4.7	ND	U	940
	TRANS-1,3-DICHLOROPROPENE				ND	UJ	140	ND	U	400	ND	U	400	ND	U	6.8	ND	U	6.8	ND	U	6.8	ND	U	1400
	TRICHLOROETHENE				ND	UJ	95	ND	U	400	ND	U	400	ND	U	4.8	ND	U	4.8	ND	U	4.8	ND	U	950
	TRICHLOROFLUOROMETHANE				ND	UJ	120	ND	U	400	ND	U	400	ND	U	5.9	ND	U	5.9	ND	U	5.9	ND	U	1200
	VINYL ACETATE				ND	UJ	210	ND	U	400	ND	U	400	ND	U	11	ND	U	11	ND	U	11	ND	U	2100
	VINYL CHLORIDE				ND	UJ	58	ND	U	400	ND	U	400	ND	U	2.9	ND	U	2.9	ND	U	2.9	ND	U	580
	XYLENES				ND	UJ	630	3700		1200	64000		1200	840		31	580		31	230		31	8100	J	6300
General Chemistry	CARBON DIOXIDE	0.28		0.025				0.25		0.025	0.78		0.025	0.95		0.025	2.4		0.025	1.1		0.025	1.4		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025				ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025				ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025				79		0.025	79		0.025	79		0.025	80		0.025	80		0.025	81		0.025
	OXYGEN	20		0.025				20		0.025	19		0.025	20		0.025	17		0.025	18		0.025	17		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106117-350			KAFB-106117-450			KAFB-106118-025			KAFB-106118-025			KAFB-106118-050			KAFB-106118-160			KAFB-106118-265			KAFB-106118-350			KAFB-106118-450		
	SAMPLE NO	VA0199			VA0200			VA0201			VA0202			VA0203			VA0204			VA0205			VA0206			VA0207		
	SAMPLE DATE	10-May-11			10-May-11			4-May-11			4-May-11			4-May-11			4-May-11			4-May-11			4-May-11			4-May-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	340-350 FT			440-450 FT			15-25 FT			15-25 FT			40-50 FT			150-160 FT			255-265 FT			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	70000000	J-	1200000	100000000	J-	600000	250000		47000	300000		47000	15000		4700	79000		4700	330000	J-	94000	22000		4700	2000000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1400000	ND	UJ	710000	ND	U	53000	ND	U	53000	ND	U	5300	ND	U	5300	ND	UJ	110000	ND	U	5300	ND	U	1100000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	1000000	1500000	J-	520000	ND	U	100000	ND	U	100000	16000		10000	20000		10000	ND	UJ	200000	13000		10000	ND	U	2000000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	860	ND	UJ	860	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	1700	ND	UJ	1700	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,1,2-TRICHLOROETHANE	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,1-DICHLOROETHANE	ND	U	890	ND	UJ	890	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,1-DICHLOROETHENE	ND	U	780	ND	UJ	780	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2,4-TRICHLOROBENZENE	ND	U	2200	ND	UJ	2200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2,4-TRIMETHYLBENZENE	ND	U	2000	ND	UJ	2000	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2-DIBROMOETHANE	ND	U	1500	ND	UJ	1500	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2-DICHLOROBENZENE	ND	U	1700	ND	UJ	1700	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2-DICHLOROETHANE	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,2-DICHLOROPROPANE	ND	U	1800	ND	UJ	1800	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,3,5-TRIMETHYLBENZENE	ND	U	1900	ND	UJ	1900	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,3-DICHLOROBENZENE	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,4-DICHLOROBENZENE	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	1,4-DIOXANE	ND	U	1000	ND	UJ	1000	ND	U	400	ND	U	40	ND	U	40	ND	U	400	ND	U	40	ND	U	40	ND	U	400
	2-BUTANONE	ND	U	2300	17000	J-	2300	640		200	69		20	ND	U	20	1900		200	45		20	300		20	ND	U	200
	2-HEXANONE	ND	U	1100	ND	UJ	1100	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	4-METHYL-2-PENTANONE	ND	U	1300	ND	UJ	1300	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	ACETONE	ND	U	3400	35000	J-	3400	3600		200	ND	U	20	ND	U	20	5600		200	ND	U	20	1400		20	1200		200
	BENZENE	370000		1000	430000	J-	1000	1400		200	520		20	69		20	2300		200	5600		200	370		20	5600		200
	BENZENE, (CHLOROMETHYL)-	ND	U	1200	ND	UJ	1200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	BROMODICHLOROMETHANE	ND	U	1200	ND	UJ	1200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	BROMOFORM	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	BROMOMETHANE	ND	U	600	ND	UJ	600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CARBON DISULFIDE	ND	U	740	ND	UJ	740	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CARBON TETRACHLORIDE	ND	U	910	ND	UJ	910	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CHLOROBENZENE	ND	U	2200	ND	UJ	2200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CHLOROETHANE	ND	U	500	ND	UJ	500	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CHLOROFORM	ND	U	1000	ND	UJ	1000	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CHLOROMETHANE	ND	U	830	ND	UJ	830	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CIS-1,2-DICHLOROETHENE	ND	U	860	ND	UJ	860	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CIS-1,3-DICHLOROPROPENE	ND	U	1300	ND	UJ	1300	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	CYCLOHEXANE	1100000	J-	14000	1000000	J-	14000	4100		200	1500		20	170		20	960		200	1900		20	290		20	12000		200
	DIBROMOCHLOROMETHANE	ND	U	1300	ND	UJ	1300	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	DICHLORODIFLUOROMETHANE	ND	U	690	ND	UJ	690	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	ERYTHRENE	ND	U	1200	ND	UJ	1200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	ETHANOL	ND	U	16000	ND	UJ	16000	ND	U	400	48		40	ND	U	40	ND	U	400	ND	U	40	ND	U	40	ND	U	400
	ETHYL ACETATE	ND	U	1300	ND	UJ	1300	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	ETHYLBENZENE	27000		5900	25000	J-	5900	ND	U	200	48		20	ND	U	20	410	J	200	200		20	150		20	490	J	200
	FREON 113	ND	U	860	ND	UJ	860	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	HEPTANE	340000		2000	560000	J-	2000	2300		200	480		20	130		20	520		200	520		20	230		20	4100		200
	HEXACHLOROBUTADIENE	ND	U	3000	ND	UJ	3000	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	HEXANE	1100000	J-	14000	1300000	J-	14000	2500		200	470		20	ND	U	20	1400		200	1700		20	ND	U	20	13000		200
	ISOPROPANOL	ND	U	2600	ND	UJ	2600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	M,P-XYLENES	66000		4200	66000	J-	4200	510		400	150		40	110		40	1100		400	420		40	420		40	1200		400
	METHYL TERT-BUTYL ETHER	ND	U	1800	ND	UJ	1800	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	METHYLENE CHLORIDE	ND	U	17000	ND	UJ	17000	15000		200	ND	U	20	ND	U	20	7100		200	ND	U	20	ND	U	20	4600		200
	NAPHTHALENE	ND	U	2000	ND	UJ	2000	ND	U	99	ND	U	9.9	ND	U	9.9	ND	U	99	ND	U	9.9	ND	U	9.9	ND	U	99
	O-XYLENE	19000		2100	16000	J-	2100	ND	U	200	57		20	42		20	430		200	130		20	140		20	ND	U	200
	PROPYLENE	23000		600	25000	J-	600	ND	U	200	89		20	ND	U	20	ND	U	200	610		20	ND	U	20	830		200
	STYRENE	ND	U	2100	ND	UJ	2100	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	TETRACHLOROETHENE	ND	U	1200	ND	UJ	1200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	THF	ND	U	1600	ND	UJ	1600	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	TOLUENE	430000		1300	520000	J-	1300	4200		200	1200		20	ND	U	20	6000		200	14000		200	1600		20	19000		200
	TRANS-1,2-DICHLOROETHENE	ND	U	940	ND	UJ	940	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	TRANS-1,3-DICHLOROPROPENE	ND	U	1400	ND	UJ	1400	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	TRICHLOROETHENE	ND	U	950	ND	UJ	950	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	TRICHLOROFLUOROMETHANE	ND	U	1200	ND	UJ	1200	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	VINYL ACETATE	ND	U	2100	ND	UJ	2100	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	VINYL CHLORIDE	ND	U	580	ND	UJ	580	ND	U	200	ND	U	20	ND	U	20	ND	U	200	ND	U	20	ND	U	20	ND	U	200
	XYLENES	84000		6300	82000	J-	6300	510	J	600	210		60	150		60	1500		600	540	J	60	560		60	1200		600
General Chemistry	CARBON DIOXIDE	2.1		0.025	0.9		0.025	0.51		0.025	0.52		0.025	1.1		0.025	0.58		0.025	0.23		0.025	0.039	J	0.025	0.27		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	80		0.025	80		0.025	79		0.025	79		0.025	79		0.025	80		0.025	80		0.025	78		0.025	79		0.025
	OXYGEN	17		0.025	18		0.025	20		0.025	20		0.025	19		0.025	19		0.025	20		0.025	21		0.025	20		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106119-025			KAFB-106119-050			KAFB-106119-150			KAFB-106119-250			KAFB-106119-350			KAFB-106119-350			KAFB-106119-450			KAFB-106128-025			KAFB-106128-050		
	SAMPLE NO	VA0208			VA0209			VA0210			VA0211			VA0212			VA0213			VA0214			VA0268			VA0269		
	SAMPLE DATE	27-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11			27-Apr-11			12-Apr-11			12-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			340-350 FT			440-450 FT			15-25 FT			40.1-50.1 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	810000		94000	1000000		94000	54000		4700	79000		4700	2400000	J-	940000	2700000	J-	940000	2200000	J-	940000	150000	J+	4700	ND	U	4700
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	5300	ND	U	5300	ND	UJ	1100000	ND	UJ	1100000	ND	UJ	1100000	ND	U	5300	ND	U	5300
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	19000		10000	15000		10000	ND	UJ	2000000	ND	UJ	2000000	ND	UJ	2000000	26000	J+	10000	ND	U	10000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	110		20	ND	UJ	400	ND	U	20	ND	U	20
	1,2-DIBROMOETHANE	64		20	54		20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,2-DICHLOROETHANE	54		20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	110	J+	20	ND	UJ	400	ND	U	20	ND	U	20
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40	ND	UJ	800	ND	U	40	ND	U	40
	2-BUTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	810	J-	400	ND	U	20	ND	U	20
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	860	J-	400	ND	U	20	ND	U	20
	ACETONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1700		400	ND	UJ	20	3000	J-	400	ND	U	20	ND	U	20
	BENZENE	15000		800	14000		400	620		20	1200		20	20000		400	18000	J+	400	15000	J-	400	530		20	ND	U	20
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	BROMOFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	CYCLOHEXANE	3800		20	23000		400	650		20	1300		20	31000		400	29000	J+	400	23000	J-	400	3900		20	110		20
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	ETHANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40	ND	UJ	800	ND	U	40	ND	U	40
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	ETHYLBENZENE	260		20	170		20	52		20	64		20	1400	J	400	1100	J+	20	1700	J-	400	44		20	ND	U	20
	FREON 113	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	HEPTANE	1600		20	5900		400	310		20	530		20	22000		400	23000	J+	400	15000	J-	400	870	J	20	ND	U	20
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	HEXANE	26000		800	16000		400	290		20	1100		20	23000		400	20000	J+	400	17000	J-	400	2100		20	ND	U	20
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	20	ND	U	20	870		400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	M,P-XYLENES	500		40	330		40	130		40	160		40	5200		800	2500	J+	40	6900	J-	800	130		40	ND	U	40
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	9700		400	ND	U	20	8700	J-	400	ND	U	20	ND	U	20
	NAPHTHALENE													ND	U	200												
	O-XYLENE	230		20	240		20	64		20	61		20	1700		400	1300	J+	20	2400	J-	400	41		20	ND	U	20
	PROPYLENE	490		20	510		20	ND	U	20	56		20	1000		400	660	J+	20	800	J-	400	67		20	ND	U	20
	STYRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	THF	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	TOLUENE	18000		800	7300		400	790		20	1400		20	31000		400	30000	J+	400	29000	J-	400	950	J	20	ND	U	20
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	UJ	400	ND	U	20	ND	U	20
	XYLENES	720		60	570		60	190		60	220		60	6900		1200	6000	J+	1200	9400	J-	1200	170		60	ND	U	60
General Chemistry	CARBON DIOXIDE	0.66		0.025	1.6		0.025	1.5		0.025	0.29		0.025	0.39		0.025	0.15		0.025	1.2		0.025	0.23		0.025	0.64		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	79		0.025	79		0.025	78		0.025	78		0.025	77		0.025	80		0.025	78		0.025	78		0.025
	OXYGEN	19		0.025	17		0.025	17		0.025	20		0.025	20		0.025	21		0.025	17		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106128-050			KAFB-106128-150			KAFB-106128-250			KAFB-106128-350			KAFB-106128-450			KAFB-106129-025			KAFB-106129-050			KAFB-106129-150			KAFB-106129-150		
	SAMPLE NO	VA0270			VA0271			VA0272			VA0273			VA0274			VA0275			VA0276			VA0277			VA0278		
	SAMPLE DATE	12-Apr-11			12-Apr-11			12-Apr-11			12-Apr-11			12-Apr-11			15-Apr-11			15-Apr-11			15-Apr-11			15-Apr-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	40.1-50.1 FT			140.2-150.2 FT			240.3-250.3 FT			340.4-350.4 FT			440.1-450.1 FT			15.1-25.1 FT			39.7-49.7 FT			140.2-150.2 FT			140.2-150.2 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	ND	U	4700	17000		4700	5600		4700	170000		47000	48000000		9400000	320000		94000	870000		94000	600000		94000	96000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	53000	ND	U	11000000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	10000	20000		10000	13000		10000	ND	U	100000	ND	U	20000000	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,1,2-TRICHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,1-DICHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,1-DICHLOROETHENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2,4-TRICHLOROBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2,4-TRIMETHYLBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2-DIBROMOETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2-DICHLOROBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2-DICHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,2-DICHLOROPROPANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,3,5-TRIMETHYLBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,3-DICHLOROBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,4-DICHLOROBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	1,4-DIOXANE	ND	U	20	ND	U	40	ND	U	40	ND	U	40	ND	U	80000	ND	UJ	400	ND	U	800	ND	UJ	800	ND	UJ	20
	2-BUTANONE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	1000	J+	400	ND	UJ	400	ND	UJ	10
	2-HEXANONE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	4-METHYL-2-PENTANONE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	ACETONE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	830	J-	200	1300	J+	400	880	J-	400	ND	UJ	10
	BENZENE	33		10	130		20	54		20	3100		20	500000		40000	1400	J-	200	4400	J+	400	4500	J-	400	200	J-	10
	BENZENE, (CHLOROMETHYL)-	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	BROMODICHLOROMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	BROMOFORM	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	BROMOMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CARBON DISULFIDE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CARBON TETRACHLORIDE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CHLOROBENZENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CHLOROETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CHLOROFORM	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CHLOROMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CIS-1,2-DICHLOROETHENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CIS-1,3-DICHLOROPROPENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	CYCLOHEXANE	110		10	330		20	130		20	4300		20	1300000		40000	3000	J-	200	11000	J+	400	8900	J-	400	520	J-	10
	DIBROMOCHLOROMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	DICHLORODIFLUOROMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	200	J-	200	ND	U	400	ND	UJ	400	ND	UJ	10
	ERYTHRENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	ETHANOL	ND	U	20	ND	U	40	ND	U	40	ND	U	40	ND	U	80000	ND	UJ	400	ND	U	800	ND	UJ	800	ND	UJ	20
	ETHYL ACETATE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	ETHYLBENZENE	ND	U	10	57		20	ND	U	20	66		20	ND	U	40000	440	J-	200	820	J+	400	ND	UJ	400	35	J-	10
	FREON 113	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	HEPTANE	24	J	10	170		20	80		20	2000		20	640000	J	40000	2100	J-	200	8400	J+	400	7300	J-	400	550	J-	10
	HEXACHLOROBUTADIENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	HEXANE	ND	U	10	ND	U	20	ND	U	20	4100		20	1700000		40000	2800	J-	200	6500	J+	400	6000	J-	400	270	J-	10
	ISOPROPANOL	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	M,P-XYLENES	ND	U	20	160		40	110		40	200		40	ND	U	80000	1300	J-	400	2400	J+	800	1800	J-	800	120	J-	20
	METHYL TERT-BUTYL ETHER	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	METHYLENE CHLORIDE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	3000	J-	200	2700	J+	400	2200	J-	400	ND	UJ	10
	NAPHTHALENE																											
	O-XYLENE	ND	U	10	61		20	ND	U	20	56		20	ND	U	40000	440	J-	200	840	J+	400	ND	UJ	400	33	J-	10
	PROPYLENE	ND	U	10	ND	U	20	ND	U	20	410		20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	STYRENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	TETRACHLOROETHENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	THF	ND	U	10	ND	U	20	ND	U	20	1100		20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	TOLUENE	ND	UJ	10	500		20	260		20	3000		20	470000	J	40000	4800	J-	200	13000	J+	400	11000	J-	400	570	J-	10
	TRANS-1,2-DICHLOROETHENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	TRANS-1,3-DICHLOROPROPENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	TRICHLOROETHENE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	TRICHLOROFLUOROMETHANE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	VINYL ACETATE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	VINYL CHLORIDE	ND	U	10	ND	U	20	ND	U	20	ND	U	20	ND	U	40000	ND	UJ	200	ND	U	400	ND	UJ	400	ND	UJ	10
	XYLENES	ND	U	30	220		60	110		60	250		60	ND	U	120000	1800	J-	600	3200	J+	1200	1800	J-	1200	150	J-	30
General Chemistry	CARBON DIOXIDE	0.82		0.025	1.1		0.025	0.16		0.025	0.1		0.025	0.36		0.025	0.11		0.025	0.089	J	0.025	0.044	J	0.025	0.1		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	79		0.025	78		0.025	78		0.025	79		0.025	79		0.025	78		0.025	78		0.025	78		0.025
	OXYGEN	20		0.025	20		0.025	22		0.025	22		0.025	20		0.025	21		0.025	21		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106129-250			KAFB-106129-350			KAFB-106129-450			KAFB-106130-025			KAFB-106130-050			KAFB-106130-150			KAFB-106130-250			KAFB-106130-350			KAFB-106130-450		
	SAMPLE NO	VA0279			VA0280			VA0281			VA0282			VA0283			VA0284			VA0285			VA0286			VA0287		
	SAMPLE DATE	15-Apr-11			15-Apr-11			15-Apr-11			11-May-11			11-May-11			11-May-11			11-May-11			11-May-11			11-May-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	240.1-250.1 FT			337.4-347.4 FT			440.7-450.7 FT			15-25 FT			40-50 FT			150-160 FT			240-250 FT			340-350 FT			440-450		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	950000		94000	950000		94000	940000	J	94000	1800000	J-	94000	1900000	J-	94000	380000	J-	94000	560000	J-	94000	3700000	J-	940000	14000000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	UJ	110000	ND	UJ	110000	ND	UJ	110000	ND	UJ	110000	ND	UJ	1100000	ND	UJ	1100000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	230000		200000	240000	J-	200000	320000	J-	200000	ND	UJ	200000	ND	UJ	200000	ND	UJ	2000000	ND	UJ	2000000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1700	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700
	1,1,2-TRICHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600
	1,1-DICHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	890	ND	UJ	890	ND	UJ	89	ND	UJ	89	ND	UJ	890	ND	UJ	890
	1,1-DICHLOROETHENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	780	ND	UJ	780	ND	UJ	78	ND	UJ	78	ND	UJ	780	ND	UJ	780
	1,2,4-TRICHLOROBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2200	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200
	1,2,4-TRIMETHYLBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2000	ND	UJ	2000	ND	UJ	200	ND	UJ	200	ND	UJ	2000	ND	UJ	2000
	1,2-DIBROMOETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1500	ND	UJ	1500	ND	UJ	150	ND	UJ	150	ND	UJ	1500	ND	UJ	1500
	1,2-DICHLOROBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1700	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700
	1,2-DICHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600
	1,2-DICHLOROPROPANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1800	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800
	1,3,5-TRIMETHYLBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1900	ND	UJ	1900	ND	UJ	190	ND	UJ	190	ND	UJ	1900	ND	UJ	1900
	1,3-DICHLOROBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600
	1,4-DICHLOROBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600
	1,4-DIOXANE	ND	UJ	800	ND	U	800	ND	U	800	ND	UJ	1000	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000
	2-BUTANONE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2300	ND	UJ	2300	ND	UJ	230	ND	UJ	230	ND	UJ	2300	ND	UJ	2300
	2-HEXANONE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1100	ND	UJ	1100	ND	UJ	110	ND	UJ	110	ND	UJ	1100	ND	UJ	1100
	4-METHYL-2-PENTANONE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300
	ACETONE	ND	UJ	400	1000		400	1800		400	ND	UJ	3400	ND	UJ	3400	ND	UJ	340	ND	UJ	340	ND	UJ	3400	ND	UJ	3400
	BENZENE	3000	J-	400	2200		400	43000		400	ND	UJ	1000	ND	UJ	1000	3200	J-	100	4300	J-	100	ND	UJ	1000	100000	J-	1000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200
	BROMODICHLOROMETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200
	BROMOFORM	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600
	BROMOMETHANE	ND	UJ	400	840		400	ND	U	400	ND	UJ	600	ND	UJ	600	ND	UJ	60	ND	UJ	60	ND	UJ	600	ND	UJ	600
	CARBON DISULFIDE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	740	ND	UJ	740	ND	UJ	74	ND	UJ	74	ND	UJ	740	ND	UJ	740
	CARBON TETRACHLORIDE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	910	ND	UJ	910	ND	UJ	91	ND	UJ	91	ND	UJ	910	ND	UJ	910
	CHLOROBENZENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2200	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200
	CHLOROETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	500	ND	UJ	500	ND	UJ	50	ND	UJ	50	ND	UJ	500	ND	UJ	500
	CHLOROFORM	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1000	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000
	CHLOROMETHANE	ND	UJ	400	1100		400	ND	U	400	ND	UJ	830	ND	UJ	830	ND	UJ	83	ND	UJ	83	ND	UJ	830	ND	UJ	830
	CIS-1,2-DICHLOROETHENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860
	CIS-1,3-DICHLOROPROPENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300
	CYCLOHEXANE	8700	J-	400	4900		400	58000		400	27000	J-	5500	20000	J-	5500	7500	J-	550	8000	J-	550	40000	J-	5500	300000	J-	5500
	DIBROMOCHLOROMETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300
	DICHLORODIFLUOROMETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	690	ND	UJ	690	ND	UJ	69	ND	UJ	69	ND	UJ	690	ND	UJ	690
	ERYTHRENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200
	ETHANOL	ND	UJ	800	ND	U	800	ND	U	800	ND	UJ	16000	ND	UJ	16000	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000
	ETHYL ACETATE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300
	ETHYLBENZENE	ND	UJ	400	ND	U	400	3100		400	ND	UJ	5900	ND	UJ	5900	ND	UJ	590	ND	UJ	590	ND	UJ	5900	ND	UJ	5900
	FREON 113	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860
	HEPTANE	3000	J-	400	1900	J	400	25000	J	400	18000	J-	2000	11000	J-	2000	7300	J-	200	8800	J-	200	13000	J-	2000	180000	J-	2000
	HEXACHLOROBUTADIENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	3000	ND	UJ	3000	ND	UJ	300	ND	UJ	300	ND	UJ	3000	ND	UJ	3000
	HEXANE	7800	J-	400	4400		400	63000		400	20000	J-	5500	14000	J-	5500	6000	J-	550	6900	J-	550	30000	J-	5500	310000	J-	5500
	ISOPROPANOL	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2600	ND	UJ	2600	ND	UJ	260	ND	UJ	260	ND	UJ	2600	ND	UJ	2600
	M,P-XYLENES	1000	J-	800	1200		800	6500		800	ND	UJ	4200	ND	UJ	4200	2300	J-	420	2500	J-	420	ND	UJ	4200	11000	J-	4200
	METHYL TERT-BUTYL ETHER	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1800	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800
	METHYLENE CHLORIDE	1600	J-	400	3500		400	2100		400	ND	UJ	17000	ND	UJ	17000	1800	J-	1700	ND	UJ	1700	ND	UJ	17000	ND	UJ	17000
	NAPHTHALENE										ND	UJ	2000	ND	UJ	2000	ND	UJ	200	ND	UJ	200	ND	UJ	2000	ND	UJ	2000
	O-XYLENE	ND	UJ	400	ND	U	400	1800		400	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100
	PROPYLENE	840	J-	400	1700		400	6200		400	ND	UJ	600	ND	UJ	600	ND	UJ	60	ND	UJ	60	ND	UJ	600	17000	J-	600
	STYRENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100
	TETRACHLOROETHENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200
	THF	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	1600	91000	J-	1600
	TOLUENE	7000	J-	400	5600	J	400	54000	J	400	19000	J-	1300	12000	J-	1300	9800	J-	130	12000	J-	130	15000	J-	1300	170000	J-	1300
	TRANS-1,2-DICHLOROETHENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	940	ND	UJ	940	ND	UJ	94	ND	UJ	94	ND	UJ	940	ND	UJ	940
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1400	ND	UJ	1400	ND	UJ	140	ND	UJ	140	ND	UJ	1400	ND	UJ	1400
	TRICHLOROETHENE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	950	ND	UJ	950	ND	UJ	95	ND	UJ	95	ND	UJ	950	ND	UJ	950
	TRICHLOROFLUOROMETHANE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200
	VINYL ACETATE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100
	VINYL CHLORIDE	ND	UJ	400	ND	U	400	ND	U	400	ND	UJ	580	ND	UJ	580	ND	UJ	58	ND	UJ	58	ND	UJ	580	ND	UJ	580
	XYLENES	ND	UJ	1200	1200		1200	8400		1200	ND	UJ	6300	ND	UJ	6300	2300	J-	630	2500	J-	630	ND	UJ	6300	11000	J-	6300
General Chemistry	CARBON DIOXIDE	0.12		0.025	0.12		0.025	0.12		0.025	0.32		0.025	0.34		0.025	0.43		0.025	0.86		0.025	1.2		0.025	0.52		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	79		0.025	79		0.025	79		0.025	79		0.025	80		0.025	80		0.025	83		0.025	82		0.025
	OXYGEN	20		0.025	20		0.025	21		0.025	21		0.025	20		0.025	19		0.025	19		0.025	16		0.025	17		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106131-025			KAFB-106131-055			KAFB-106131-055			KAFB-106131-150			KAFB-106131-245			KAFB-106131-350			KAFB-106131-450			KAFB-106132-025			KAFB-106132-050		
	SAMPLE NO	VA0288			VA0289			VA0290			VA0291			VA0292			VA0293			VA0294			VA0295			VA0296		
	SAMPLE DATE	7-Apr-11			7-Apr-11			7-Apr-11			11-Apr-11			11-Apr-11			11-Apr-11			11-Apr-11			2-May-11			2-May-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			45-55 FT			45-55 FT			140-150 FT			235-245 FT			340-350 FT			430-440 FT			15-25 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	200000		94000	150000		94000	340000		94000	5000		4700	5600		4700	9400		4700	2100000		470000	11000		4700	130000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	530000	ND	U	5300	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	200000	ND	U	200000	ND	U	200000	ND	U	10000	10000		10000	ND	U	10000	ND	U	1000000	ND	U	10000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,1-DICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,1-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,2,4-TRIMETHYLBENZENE	48		20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	63	J+	20	ND	U	20	ND	U	20
	1,2-DIBROMOETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	43	J+	20	ND	U	20	ND	U	20
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,2-DICHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	54	J+	20	ND	U	20	ND	U	20
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	1,4-DIOXANE	ND	U	40	ND	U	8000	ND	U	400	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40
	2-BUTANONE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	2-HEXANONE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	ACETONE	130		20	ND	U	4000	860		200	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20	ND	U	20	ND	U	20
	BENZENE	1300		20	ND	U	4000	5100		200	ND	U	20	62		20	210		20	62000	J+	2000	200		20	400		20
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	BROMODICHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	BROMOFORM	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	BROMOMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CARBON DISULFIDE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CARBON TETRACHLORIDE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CHLOROBENZENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CHLOROETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CHLOROFORM	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	CYCLOHEXANE	2000		20	ND	U	4000	8100		200	ND	U	20	ND	U	20	97		20	59000	J+	2000	ND	U	20	660		20
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	ERYTHRENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	480	J+	20	ND	U	20	ND	U	20
	ETHANOL	ND	U	40	ND	U	8000	580		400	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40
	ETHYL ACETATE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	ETHYLBENZENE	280		20	ND	U	4000	690		200	ND	U	20	ND	U	20	ND	U	20	1600	J+	20	ND	U	20	54		20
	FREON 113	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	HEPTANE	1600		20	ND	U	4000	5800		200	51		20	40		20	ND	U	20	25000	J+	2000	110		20	450		20
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	HEXANE	1500		20	ND	U	4000	6100		200	ND	U	20	ND	U	20	ND	U	20	59000	J+	2000	96		20	730		20
	ISOPROPANOL	ND	U	20	ND	U	4000	400		200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	M,P-XYLENES	770		40	ND	U	8000	1700		400	55		40	57		40	47		40	2700	J+	40	100		40	150		40
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	METHYLENE CHLORIDE	ND	U	20	ND	U	4000	3900		200	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20	ND	U	20	ND	U	20
	NAPHTHALENE	ND	U	9.9	ND	U	2000	ND	U	99																		
	O-XYLENE	200		20	ND	U	4000	540		200	ND	U	20	ND	U	20	ND	U	20	1100		20	ND	U	20	50		20
	PROPYLENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	50		20	4900		2000	ND	U	20	ND	U	20
	STYRENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	TETRACHLOROETHENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	THF	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	TOLUENE	2900		20	11000		4000	12000		200	ND	U	20	ND	U	20	250		20	80000	J+	2000	510		20	810		20
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	TRICHLOROETHENE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	VINYL ACETATE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	VINYL CHLORIDE	ND	U	20	ND	U	4000	ND	U	200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20
	XYLENES	970		60	ND	U	12000	2200		600	ND	U	60	ND	U	60	ND	U	60	3800	J+	60	100		60	200		60
General Chemistry	CARBON DIOXIDE	0.14		0.025	0.15		0.025	0.14		0.025	0.21		0.025	0.14		0.025	0.09	J	0.025	0.16		0.025	0.51		0.025	0.58		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	80		0.025	81		0.025	80		0.025	78		0.025	78		0.025	78		0.025	79		0.025	77		0.025	78		0.025
	OXYGEN	20		0.025	20		0.025	20		0.025	21		0.025	21		0.025	22		0.025	21		0.025	20		0.025	20		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106132-175			KAFB-106132-250			KAFB-106132-350			KAFB-106132-350			KAFB-106132-450			KAFB-106133-025			KAFB-106133-050			KAFB-106133-170			KAFB-106133-250			KAFB-106133-350		
	SAMPLE NO	VA0297			VA0298			VA0299			VA0300			VA0301			VA0302			VA0303			VA0304			VA0305			VA0306		
	SAMPLE DATE	2-May-11			2-May-11			2-May-11			2-May-11			2-May-11			5-May-11			5-May-11			9-May-11			9-May-11			9-May-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	165-175 FT			240-250 FT			340-350 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			160-170 FT			240-250 FT			339-349 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	6900		4700	6000		4700	6200		4700	13000		4700	64000	J-	4700	13000	J-	4700	12000	J-	4700	5200	J-	1900	6500	J-	1900	500000	J-	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	2100	ND	UJ	2100	ND	UJ	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	10000	ND	U	10000	ND	U	10000	10000		10000	12000	J-	10000	ND	UJ	10000	ND	UJ	10000	7400	J-	4000	9400	J-	4000	ND	UJ	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.3	ND	U	4.3	ND	U	4.3
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	8.4	ND	U	8.4	ND	U	8.4
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	8	ND	U	8	ND	U	8
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.4	ND	U	4.4	ND	U	4.4
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	3.9	ND	U	3.9	ND	U	3.9
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	11	ND	U	11	ND	U	11
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	9.8	ND	U	9.8	ND	U	9.8
	1,2-DIBROMOETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	7.4	ND	U	7.4	ND	U	7.4
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	8.3	ND	U	8.3	ND	U	8.3
	1,2-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	7.8	ND	U	7.8	ND	U	7.8
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	9	ND	U	9	ND	U	9
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	9.6	ND	U	9.6	ND	U	9.6
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	8.1	ND	U	8.1	ND	U	8.1
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	7.8	ND	U	7.8	ND	U	7.8
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	5.1	ND	U	5.1	ND	U	5.1
	2-BUTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	2300		400	ND	U	20	ND	U	20	ND	U	11	ND	U	11	ND	U	11
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	5.4	ND	U	5.4	ND	U	5.4
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.3	ND	U	6.3	ND	U	6.3
	ACETONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	7400		400	ND	U	20	ND	U	20	ND	U	17	ND	U	17	ND	U	17
	BENZENE	110		20	72		20	75		20	190		20	1600		400	ND	U	20	ND	U	20	ND	U	5	ND	U	5	1800		5
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.2	ND	U	6.2	ND	U	6.2
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.2	ND	U	6.2	ND	U	6.2
	BROMOFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	7.9	ND	U	7.9	ND	U	7.9
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	3	ND	U	3	ND	U	3
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	3.7	ND	U	3.7	ND	U	3.7
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.6	ND	U	4.6	ND	U	4.6
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	11	ND	U	11	ND	U	11
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	2.5	ND	U	2.5	ND	U	2.5
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	5	ND	U	5	ND	U	5
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.2	ND	U	4.2	ND	U	4.2
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.3	ND	U	4.3	ND	U	4.3
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.6	ND	U	6.6	ND	U	6.6
	CYCLOHEXANE	ND	U	20	ND	U	20	ND	U	20	170		20	ND	U	400	130		20	130		20	60	J	27	94		27	1800		27
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.6	ND	U	6.6	ND	U	6.6
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	3.4	ND	U	3.4	ND	U	3.4
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.1	ND	U	6.1	ND	U	6.1
	ETHANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	40	1900		800	ND	U	40	ND	U	40	ND	U	78	ND	U	78	ND	U	78
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.3	ND	U	6.3	ND	U	6.3
	ETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	29	ND	U	29	84		29
	FREON 113	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.3	ND	U	4.3	ND	U	4.3
	HEPTANE	84		20	56		20	60		20	110		20	ND	U	400	46		20	ND	U	20	ND	U	10	ND	U	10	300		10
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	15	ND	U	15	ND	U	15
	HEXANE	58		20	44		20	44		20	120		20	1400		400	ND	U	20	ND	U	20	ND	U	28	ND	U	28	1600		28
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	13	ND	U	13	ND	U	13
	M,P-XYLENES	88		40	51		40	94		40	120		40	1200		800	48	J	40	41	J	40	55	J	21	47	J	21	120		21
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	9.1	ND	U	9.1	ND	U	9.1
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	7400		400	ND	U	20	ND	U	20	ND	U	83	ND	U	83	ND	U	83
	NAPHTHALENE																ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9
	O-XYLENE	ND	U	20	ND	U	20	ND	U	20	48		20	ND	U	400	ND	U	20	ND	U	20	ND	U	10	ND	U	10	42		10
	PROPYLENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	42		20	45		20	ND	U	3	ND	U	3	2100		3
	STYRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	11	ND	U	11	ND	U	11
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	5.9	ND	U	5.9	ND	U	5.9
	THF	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	8	ND	U	8	ND	U	8
	TOLUENE	350		20	190		20	250		20	350		20	6600		400	ND	U	20	ND	U	20	ND	U	6.3	ND	U	6.3	2300		6.3
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.7	ND	U	4.7	ND	U	4.7
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	6.8	ND	U	6.8	ND	U	6.8
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	4.8	ND	U	4.8	ND	U	4.8
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	5.9	ND	U	5.9	ND	U	5.9
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	11	ND	U	11	ND	U	11
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	400	ND	U	20	ND	U	20	ND	U	2.9	ND	U	2.9	ND	U	2.9
	XYLENES	88		60	ND	U	60	94		60	170		60	1200		1200	48	J	60	41	J	60	55	J	31	47	J	31	160		31
General Chemistry	CARBON DIOXIDE	0.24		0.025	0.081	J	0.025	0.091	J	0.025	0.086	J	0.025	0.072	J	0.025	0.51		0.025	0.32		0.025	0.19		0.025	0.39		0.025	0.43		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	77		0.025	77		0.025	77		0.025	77		0.025	78		0.025	78		0.025	79		0.025	79		0.025	80		0.025
	OXYGEN	21		0.025	21		0.025	21		0.025	21		0.025	21		0.025	20		0.025	21		0.025	20		0.025	19		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106133-450			KAFB-106134-025			KAFB-106134-050			KAFB-106134-050			KAFB-106134-170			KAFB-106134-250			KAFB-106134-350			KAFB-106134-450			KAFB-106135-025		
	SAMPLE NO	VA0307			VA0308			VA0309			VA0310			VA0311			VA0312			VA0313			VA0314			VA0315		
	SAMPLE DATE	9-May-11			5-May-11			5-May-11			5-May-11			5-May-11			5-May-11			5-May-11			5-May-11			11-May-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	439-449 FT			15-25 FT			40-50 FT			40-50 FT			160-170 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	4100000	J-	940000	86000		4700	93000		4700	79000		4700	18000		4700	12000	J-	4700	6200	J-	940	650000	J-	94000	520000	J-	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1100000	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	UJ	5300	ND	UJ	1100	ND	UJ	110000	ND	UJ	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	2000000	11000		10000	11000		10000	13000		10000	ND	U	10000	ND	UJ	10000	6600	J-	2000	ND	UJ	200000	ND	UJ	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	860	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	1700	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	170
	1,1,2-TRICHLOROETHANE	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	1,1-DICHLOROETHANE	ND	U	890	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	89
	1,1-DICHLOROETHENE	ND	U	780	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	78
	1,2,4-TRICHLOROBENZENE	ND	U	2200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	220
	1,2,4-TRIMETHYLBENZENE	ND	U	2000	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	200
	1,2-DIBROMOETHANE	ND	U	1500	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	150
	1,2-DICHLOROBENZENE	ND	U	1700	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	170
	1,2-DICHLOROETHANE	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	1,2-DICHLOROPROPANE	ND	U	1800	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	180
	1,3,5-TRIMETHYLBENZENE	ND	U	1900	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	190
	1,3-DICHLOROBENZENE	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	1,4-DICHLOROBENZENE	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	1,4-DIOXANE	ND	U	1000	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	UJ	100
	2-BUTANONE	ND	U	2300	ND	U	20	40		20	ND	U	20	ND	U	20	ND	U	20	50		20	56		20	ND	UJ	230
	2-HEXANONE	ND	U	1100	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	110
	4-METHYL-2-PENTANONE	ND	U	1300	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	130
	ACETONE	ND	U	3400	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	810	J-	340
	BENZENE	13000		1000	51		20	65		20	56		20	ND	U	20	ND	U	20	46		20	270		20	5700	J-	100
	BENZENE, (CHLOROMETHYL)-	ND	U	1200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	120
	BROMODICHLOROMETHANE	ND	U	1200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	120
	BROMOFORM	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	BROMOMETHANE	ND	U	600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	60
	CARBON DISULFIDE	ND	U	740	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	74
	CARBON TETRACHLORIDE	ND	U	910	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	91
	CHLOROBENZENE	ND	U	2200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	220
	CHLOROETHANE	ND	U	500	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	50
	CHLOROFORM	ND	U	1000	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	100
	CHLOROMETHANE	ND	U	830	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	83
	CIS-1,2-DICHLOROETHENE	ND	U	860	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	86
	CIS-1,3-DICHLOROPROPENE	ND	U	1300	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	130
	CYCLOHEXANE	27000		5500	210		20	280		20	200		20	88		20	83		20	100		20	1100		20	11000	J-	550
	DIBROMOCHLOROMETHANE	ND	U	1300	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	130
	DICHLORODIFLUOROMETHANE	ND	U	690	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	69
	ERYTHRENE	ND	U	1200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	120
	ETHANOL	16000	J	16000	ND	U	40	82	J	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	UJ	1600
	ETHYL ACETATE	ND	U	1300	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	130
	ETHYLBENZENE	ND	U	5900	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1100	J-	590
	FREON 113	ND	U	860	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	86
	HEPTANE	ND	U	2000	58		20	73		20	61		20	43		20	43		20	59		20	450		20	9200	J-	200
	HEXACHLOROBUTADIENE	ND	U	3000	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	300
	HEXANE	36000		5500	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1200		20	9100	J-	550
	ISOPROPANOL	ND	U	2600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1100	J-	260
	M,P-XYLENES	ND	U	4200	65	J	40	83		40	73	J	40	55	J	40	66	J	40	86		40	82		40	3100	J-	420
	METHYL TERT-BUTYL ETHER	ND	U	1800	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	180
	METHYLENE CHLORIDE	ND	U	17000	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	1700
	NAPHTHALENE	ND	U	2000	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	UJ	200
	O-XYLENE	ND	U	2100	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	880	J-	210
	PROPYLENE	10000		600	ND	U	20	62		20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	850		20	ND	UJ	60
	STYRENE	ND	U	2100	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	210
	TETRACHLOROETHENE	ND	U	1200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	120
	THF	ND	U	1600	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	160
	TOLUENE	33000		1300	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1200		20	14000	J-	130
	TRANS-1,2-DICHLOROETHENE	ND	U	940	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	1400	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	140
	TRICHLOROETHENE	ND	U	950	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	95
	TRICHLOROFLUOROMETHANE	ND	U	1200	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	120
	VINYL ACETATE	ND	U	2100	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	210
	VINYL CHLORIDE	ND	U	580	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	58
	XYLENES	ND	U	6300	65	J	60	83	J	60	73	J	60	55	J	60	66	J	60	86	J	60	82	J	60	4000	J-	630
General Chemistry	CARBON DIOXIDE	0.63		0.025	0.15		0.025	0.13		0.025	0.12		0.025	0.092	J	0.025	0.19		0.025	0.069	J	0.025	0.1		0.025	0.22		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	81		0.025	79		0.025	79		0.025	78		0.025	79		0.025	79		0.025	78		0.025	79		0.025	78		0.025
	OXYGEN	18		0.025	21		0.025	21		0.025	21		0.025	21		0.025	20		0.025	22		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106135-050			KAFB-106135-150			KAFB-106135-250			KAFB-106135-350			KAFB-106135-350			KAFB-106135-450			KAFB-106137-025			KAFB-106137-050			KAFB-106137-050			KAFB-106137-150		
	SAMPLE NO	VA0316			VA0317			VA0318			VA0319			VA0320			VA0321			VA0328			VA0329			VA0330			VA0331		
	SAMPLE DATE	11-May-11			13-May-11			13-May-11			13-May-11			13-May-11			13-May-11			16-May-11			16-May-11			16-May-11			16-May-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			FD			REG		
	SAMPLE DEPTH	40-50 FT			140-160			240-250			340-350			340-350			440-450			15-25 FT			40-50 FT			40-50 FT			140-150 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	560000	J-	94000	730000	J-	24000	430000	J-	24000	810000	J-	24000	620000	J-	24000	2400000	J-	24000	270000	J-	24000	360000	J-	24000	180000	J-	24000	290000	J-	24000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	110000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	200000	82000	J-	21000	ND	UJ	21000	41000	J-	21000	ND	UJ	21000	ND	UJ	21000	51000	J-	21000	52000	J-	21000	38000	J-	21000	59000	J-	21000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	UJ	190	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	U	100	ND	U	100
	2-BUTANONE	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	U	230	ND	U	230
	2-HEXANONE	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	U	130	ND	U	130
	ACETONE	900	J-	340	7500	J-	340	1900	J-	340	1500	J-	340	860	J-	340	1500	J-	340	870	J-	340	ND	UJ	340	ND	U	340	ND	U	340
	BENZENE	6500	J-	100	3200	J-	100	1600	J-	100	2500	J-	100	1600	J-	100	980	J-	100	ND	UJ	100	840	J-	100	ND	U	100	ND	U	100
	BENZENE, (CHLOROMETHYL)-	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	U	120	ND	U	120
	BROMOFORM	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	BROMOMETHANE	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	U	220	ND	U	220
	CHLOROETHANE	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	U	50	ND	U	50
	CHLOROFORM	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	U	130	ND	U	130
	CYCLOHEXANE	12000	J-	550	7600	J-	550	4700	J-	550	8800	J-	550	4200	J-	550	3200	J-	550	1100	J-	550	3700	J-	550	900	J	550	2200		550
	DIBROMOCHLOROMETHANE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	U	69	ND	U	69
	ERYTHRENE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	900	J-	120	ND	UJ	120	ND	UJ	120	ND	U	120	ND	U	120
	ETHANOL	ND	UJ	1600	1600	J-	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	U	130	ND	U	130
	ETHYLBENZENE	1100	J-	590	ND	UJ	590	ND	UJ	590	ND	UJ	590	ND	UJ	590	ND	UJ	590	ND	UJ	590	ND	UJ	590	ND	U	590	ND	U	590
	FREON 113	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	U	86	ND	U	86
	HEPTANE	9800	J-	200	6100	J-	200	4000	J-	200	6700	J-	200	3400	J-	200	2600	J-	200	1100	J-	200	3300	J-	200	1100		200	2300		200
	HEXACHLOROBUTADIENE	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	U	300	ND	U	300
	HEXANE	9700	J-	550	10000	J-	550	3600	J-	550	6400	J-	550	3200	J-	550	3000	J-	550	ND	UJ	550	1800	J-	550	ND	U	550	ND	U	550
	ISOPROPANOL	1600	J-	260	4400	J-	260	ND	UJ	260	ND	UJ	260	ND	UJ	260	ND	UJ	260	ND	UJ	260	ND	UJ	260	ND	U	260	ND	U	260
	M,P-XYLENES	3000	J-	420	970	J-	420	880	J-	420	940	J-	420	ND	UJ	420	ND	UJ	420	900	J-	420	1200	J-	420	1000	J	420	1200	J	420
	METHYL TERT-BUTYL ETHER	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	3600	J-	1700	16000	J-	1700	6700	J-	1700	ND	UJ	1700	3600	J-	1700	2500	J-	1700	4600	J-	1700	2700	J-	1700	ND	U	1700	2900	J	1700
	NAPHTHALENE	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	U	200	ND	U	200
	O-XYLENE	870	J-	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	U	210	ND	U	210
	PROPYLENE	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	U	60	ND	U	60
	STYRENE	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	U	120	ND	U	120
	THF	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	U	160	ND	U	160
	TOLUENE	14000	J-	130	8200	J-	130	5400	J-	130	6300	J-	130	3700	J-	130	3600	J-	130	3800	J-	130	4200	J-	130	2700		130	4000		130
	TRANS-1,2-DICHLOROETHENE	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	U	120	ND	U	120
	VINYL ACETATE	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	U	58	ND	U	58
	XYLENES	3900	J-	630	970	J	630	880	J-	630	940	J	630	ND	UJ	630	ND	UJ	630	900	J-	630	1200	J-	630	1000	J	630	1200	J	630
General Chemistry	CARBON DIOXIDE	0.2		0.025	0.14		0.025	0.086	J	0.025	0.1		0.025	0.11		0.025	0.24		0.025	0.18		0.025	0.23		0.025	0.22		0.025	0.13		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	78		0.025	78		0.025	78		0.025	78		0.025	79		0.025	78		0.025	79		0.025	79		0.025	78		0.025
	OXYGEN	21		0.025	21		0.025	21		0.025	21		0.025	22		0.025	21		0.025	21		0.025	21		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106137-250			KAFB-106137-350			KAFB-106137-450			KAFB-106138-025			KAFB-106138-050			KAFB-106138-150			KAFB-106138-250			KAFB-106138-350			KAFB-106138-450		
	SAMPLE NO	VA0332			VA0333			VA0334			VA0335			VA0336			VA0337			VA0338			VA0339			VA0340		
	SAMPLE DATE	16-May-11			16-May-11			16-May-11			18-May-11			18-May-11			18-May-11			18-May-11			18-May-11			18-May-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	240.1-250.1 FT			340.5-350.5 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	370000	J-	48000	460000	J-	24000	3900000	J-	240000	310000	J-	24000	270000	J-	24000	250000	J-	24000	250000	J-	24000	280000	J-	24000	140000	J-	24000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	57000	ND	UJ	29000	ND	UJ	290000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	74000	J-	41000	52000	J-	21000	ND	UJ	210000	50000	J-	21000	52000	J-	21000	52000	J-	21000	50000	J-	21000	49000	J-	21000	48000	J-	21000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	U	860	ND	U	86	ND	UJ	86	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	U	1700	ND	U	170	ND	UJ	170	ND	U	170	ND	U	170	ND	UJ	170	ND	UJ	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	U	890	ND	U	89	ND	UJ	89	ND	U	89	ND	U	89	ND	UJ	89	ND	UJ	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	U	780	ND	U	78	ND	UJ	78	ND	U	78	ND	U	78	ND	UJ	78	ND	UJ	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	U	2200	ND	U	220	ND	UJ	220	ND	U	220	ND	U	220	ND	UJ	220	ND	UJ	220
	1,2,4-TRIMETHYLBENZENE	ND	U	200	ND	U	200	ND	U	2000	ND	U	200	ND	UJ	200	ND	U	200	ND	U	200	ND	UJ	200	ND	UJ	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	ND	U	1500	ND	U	150	ND	UJ	150	ND	U	150	ND	U	150	ND	UJ	150	ND	UJ	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	U	1700	ND	U	170	ND	UJ	170	ND	U	170	ND	U	170	ND	UJ	170	ND	UJ	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	U	1800	ND	U	180	ND	UJ	180	ND	U	180	ND	U	180	ND	UJ	180	ND	UJ	180
	1,3,5-TRIMETHYLBENZENE	ND	U	190	ND	U	190	ND	U	1900	ND	U	190	ND	UJ	190	ND	U	190	ND	U	190	ND	UJ	190	ND	UJ	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	160
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	U	1000	ND	U	100	ND	UJ	100	ND	U	100	ND	U	100	ND	UJ	100	ND	UJ	100
	2-BUTANONE	ND	U	230	ND	U	230	ND	U	2300	ND	U	230	ND	UJ	230	ND	U	230	ND	U	230	ND	UJ	230	ND	UJ	230
	2-HEXANONE	ND	U	110	ND	U	110	ND	U	1100	ND	U	110	ND	UJ	110	ND	U	110	ND	U	110	ND	UJ	110	ND	UJ	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	U	1300	ND	U	130	ND	UJ	130	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	130
	ACETONE	ND	U	340	ND	U	340	ND	U	3400	870		340	ND	UJ	340	ND	U	340	940		340	ND	UJ	340	ND	UJ	340
	BENZENE	ND	U	100	ND	U	100	ND	U	1000	830		100	ND	UJ	100	ND	U	100	940		100	1300	J-	100	1300	J-	100
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	U	1200	ND	U	120	ND	UJ	120	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	U	1200	ND	U	120	ND	UJ	120	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	120
	BROMOFORM	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	160
	BROMOMETHANE	ND	U	60	ND	U	60	ND	U	600	ND	U	60	ND	UJ	60	ND	U	60	ND	U	60	ND	UJ	60	ND	UJ	60
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	U	740	ND	U	74	ND	UJ	74	ND	U	74	ND	U	74	ND	UJ	74	ND	UJ	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	ND	U	910	ND	U	91	ND	UJ	91	ND	U	91	ND	U	91	ND	UJ	91	ND	UJ	91
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	U	2200	ND	U	220	ND	UJ	220	ND	U	220	ND	U	220	ND	UJ	220	ND	UJ	220
	CHLOROETHANE	ND	U	50	ND	U	50	ND	U	500	ND	U	50	ND	UJ	50	ND	U	50	ND	U	50	ND	UJ	50	ND	UJ	50
	CHLOROFORM	ND	U	100	ND	U	100	ND	U	1000	ND	U	100	ND	UJ	100	ND	U	100	ND	U	100	ND	UJ	100	ND	UJ	100
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	U	830	ND	U	83	ND	UJ	83	ND	U	83	ND	U	83	ND	UJ	83	ND	UJ	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	U	860	ND	U	86	ND	UJ	86	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	U	1300	ND	U	130	ND	UJ	130	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	130
	CYCLOHEXANE	ND	U	550	3200		550	42000		5500	2400		550	2200	J-	550	ND	U	550	3100		550	4000	J-	550	3100	J-	550
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	U	1300	ND	U	130	ND	UJ	130	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	U	690	ND	U	69	ND	UJ	69	ND	U	69	ND	U	69	ND	UJ	69	ND	UJ	69
	ERYTHRENE	ND	U	120	ND	U	120	ND	U	1200	ND	U	120	ND	UJ	120	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	120
	ETHANOL	ND	U	1600	ND	U	1600	ND	U	16000	1800	J	1600	ND	UJ	1600	ND	U	1600	ND	U	1600	ND	UJ	1600	ND	UJ	1600
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	U	1300	ND	U	130	ND	UJ	130	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	130
	ETHYLBENZENE	ND	U	590	ND	U	590	ND	U	5900	ND	U	590	ND	UJ	590	ND	U	590	ND	U	590	ND	UJ	590	ND	UJ	590
	FREON 113	ND	U	86	ND	U	86	ND	U	860	ND	U	86	ND	UJ	86	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	86
	HEPTANE	ND	U	200	1800		200	21000		2000	1900		200	1700	J-	200	ND	U	200	2300		200	3000	J-	200	2300	J-	200
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	U	3000	ND	U	300	ND	UJ	300	ND	U	300	ND	U	300	ND	UJ	300	ND	UJ	300
	HEXANE	ND	U	550	3900		550	40000		5500	2800		550	2500	J-	550	2000		550	3800		550	5200	J-	550	3400	J-	550
	ISOPROPANOL	ND	U	260	ND	U	260	ND	U	2600	ND	U	260	ND	UJ	260	2600		260	2500		260	ND	UJ	260	ND	UJ	260
	M,P-XYLENES	870	J	420	920	J	420	ND	U	4200	ND	U	420	860	J-	420	800	J	420	900	J	420	1200	J-	420	1200	J-	420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	U	1800	ND	U	180	ND	UJ	180	ND	U	180	ND	U	180	ND	UJ	180	ND	UJ	180
	METHYLENE CHLORIDE	1800	J	1700	2600	J	1700	ND	U	17000	4400		1700	ND	UJ	1700	2400	J	1700	2800	J	1700	1900	J-	1700	1800	J-	1700
	NAPHTHALENE	ND	U	200	ND	U	200	ND	U	2000	ND	U	200	ND	UJ	200	ND	U	200	ND	U	200	ND	UJ	200	ND	UJ	200
	O-XYLENE	ND	U	210	ND	U	210	ND	U	2100	ND	U	210	ND	UJ	210	ND	U	210	ND	U	210	ND	UJ	210	ND	UJ	210
	PROPYLENE	ND	U	60	ND	U	60	ND	U	600	ND	U	60	ND	UJ	60	ND	U	60	ND	U	60	ND	UJ	60	ND	UJ	60
	STYRENE	ND	U	210	ND	U	210	ND	U	2100	ND	U	210	ND	UJ	210	ND	U	210	ND	U	210	ND	UJ	210	ND	UJ	210
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	U	1200	ND	U	120	ND	UJ	120	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	120
	THF	ND	U	160	ND	U	160	ND	U	1600	ND	U	160	ND	UJ	160	ND	U	160	ND	U	160	ND	UJ	160	980	J-	160
	TOLUENE	2800		130	2900		130	11000		1300	3200		130	2000	J-	130	2200		130	2900		130	3000	J-	130	2800	J-	130
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	U	940	ND	U	94	ND	UJ	94	ND	U	94	ND	U	94	ND	UJ	94	ND	UJ	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	U	1400	ND	U	140	ND	UJ	140	ND	U	140	ND	U	140	ND	UJ	140	ND	UJ	140
	TRICHLOROETHENE	ND	U	95	ND	U	95	ND	U	950	ND	U	95	ND	UJ	95	ND	U	95	ND	U	95	ND	UJ	95	ND	UJ	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	U	1200	ND	U	120	ND	UJ	120	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	120
	VINYL ACETATE	ND	U	210	ND	U	210	ND	U	2100	ND	U	210	ND	UJ	210	ND	U	210	ND	U	210	ND	UJ	210	ND	UJ	210
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	U	580	ND	U	58	ND	UJ	58	ND	U	58	ND	U	58	ND	UJ	58	ND	UJ	58
	XYLENES	870	J	630	920	J	630	ND	U	6300	ND	U	630	860	J-	630	800	J	630	900	J	630	1200	J-	630	1200	J-	630
General Chemistry	CARBON DIOXIDE	0.16		0.025	0.14		0.025	0.27		0.025	0.6		0.025	0.46		0.025	0.21		0.025	0.24		0.025	0.26		0.025	0.14		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	78		0.025	79		0.025	79		0.025	79		0.025	79		0.025	78		0.025	78		0.025	78		0.025
	OXYGEN	21		0.025	21		0.025	20		0.025	21		0.025	20		0.025	21		0.025	21		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106139-025			KAFB-106139-050			KAFB-106139-150			KAFB-106139-150			KAFB-106139-250			KAFB-106139-350			KAFB-106139-450			KAFB-106140-025			KAFB-106140-050		
	SAMPLE NO	VA0341			VA0342			VA0343			VA0344			VA0345			VA0346			VA0347			VA0348			VA0349		
	SAMPLE DATE	3-May-11			3-May-11			3-May-11			3-May-11			4-May-11			4-May-11			4-May-11			11-Apr-11			11-Apr-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			40-50 FT			140-150 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			10-20 FT			40-50 FT		
Chemical Class & Analytical Method[1]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	14000		4700	ND	U	4700	ND	U	4700	10000		4700	ND	U	4700	12000		4700	14000		4700	1500000		940000	510		470
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	1100000	ND	U	530
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	14000		10000	19000		10000	14000		10000	15000		10000	10000		10000	11000		10000	17000		10000	ND	U	2000000	ND	U	1000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	60		20	ND	U	20	ND	U	20	51		20	ND	U	20	ND	U	1
	1,2-DIBROMOETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,2-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	2
	2-BUTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	240		20	220		20	ND	U	20	ND	U	1
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	ACETONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	820		20	590		20	ND	U	20	ND	U	1
	BENZENE	110		20	46		20	62		20	370		20	68		20	560		20	180		20	510		20	ND	U	1
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	BROMOFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	82		20	ND	U	20	ND	U	20	ND	U	1
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	CYCLOHEXANE	140		20	ND	U	20	ND	U	20	140		20	ND	U	20	94		20	130		20	2900		20	ND	U	1
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	ETHANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	2
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	ETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	100		20	ND	U	20	52	J	20	150		20	160		20	ND	U	1
	FREON 113	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	HEPTANE	68		20	ND	U	20	42		20	140		20	ND	U	20	59		20	210		20	700		20	ND	U	1
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	HEXANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	3200		20	ND	U	1
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	M,P-XYLENES	61	J	40	78	J	40	120		40	420		40	130		40	160		40	460		40	440		40	ND	U	2
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	NAPHTHALENE	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9	ND	U	9.9						
	O-XYLENE	ND	U	20	ND	U	20	45		20	160		20	52		20	57		20	160		20	130		20	ND	U	1
	PROPYLENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	270		20	ND	U	1
	STYRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	THF	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	TOLUENE	ND	U	20	ND	U	20	ND	U	20	1300		20	ND	U	20	1300		20	1200		20	2400		20	ND	U	1
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	1
	XYLENES	61	J	60	78	J	60	170		60	580		60	180		60	220		60	620		60	580		60	ND	U	3
General Chemistry	CARBON DIOXIDE	0.26		0.025	0.39		0.025	0.17		0.025	0.19		0.025	0.085	J	0.025	0.2		0.025	0.22		0.025	0.052	J	0.025	0.11		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	78		0.025	78		0.025	78		0.025	77		0.025	78		0.025	79		0.025	78		0.025	78		0.025
	OXYGEN	21		0.025	20		0.025	21		0.025	21		0.025	21		0.025	21		0.025	21		0.025	22		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106140-050			KAFB-106140-150			KAFB-106140-250			KAFB-106140-350			KAFB-106140-450			KAFB-106141-025			KAFB-106141-050			KAFB-106141-170			KAFB-106141-250		
	SAMPLE NO	VA0350			VA0351			VA0352			VA0353			VA0354			VA0355			VA0356			VA0357			VA0358		
	SAMPLE DATE	11-Apr-11			11-Apr-11			11-Apr-11			11-Apr-11			11-Apr-11			17-May-11			17-May-11			17-May-11			17-May-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240-250 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	1400000		940000	22000		4700	100000		4700	110000		4700	7400000		940000	190000	J-	12000	290000	J-	12000	460000	J-	24000	310000	J-	12000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	1100000	25000	J-	14000	20000	J-	14000	ND	UJ	29000	20000	J-	14000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	2000000	15000		10000	36000		10000	14000		10000	ND	U	2000000	130000	J-	10000	110000	J-	10000	120000	J-	21000	120000	J-	10000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	86	ND	U	86	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	89	ND	U	89	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	78	ND	U	78	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	200	1100		200	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	150	ND	U	150	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	190	ND	U	190	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	2-BUTANONE	44	J+	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	230	1100		230	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	110	ND	U	110	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ACETONE	ND	UJ	20	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20	ND	U	340	4300		340	860		340	860		340
	BENZENE	540	J+	20	230		20	160		20	130		20	340	J+	20	ND	U	100	4800		100	1600		100	1100		100
	BENZENE, (CHLOROMETHYL)-	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMOFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	60	ND	U	60	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	74	ND	U	74	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	91	ND	U	91	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	50	ND	U	50	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	83	ND	U	83	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	CYCLOHEXANE	3000	J+	20	300		20	1200		20	1500		20	38000	J+	2000	ND	U	550	30000		550	4900		550	3000		550
	DIBROMOCHLOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	69	ND	U	69	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	ETHANOL	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	1600	3000	J	1600	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ETHYLBENZENE	190	J+	20	87		20	68		20	56		20	220	J+	20	ND	U	590	2100		590	ND	U	590	ND	U	590
	FREON 113	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	HEPTANE	940	J+	20	190		20	210		20	290		20	12000	J+	2000	ND	U	200	11000		200	3700		200	2400		200
	HEXACHLOROBUTADIENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	300	ND	U	300	ND	U	300	ND	U	300
	HEXANE	3900	J+	20	240		20	790		20	1400		20	44000	J+	2000	2100		550	14000		550	5800		550	3500		550
	ISOPROPANOL	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	260	2800		260	ND	U	260	ND	U	260
	M,P-XYLENES	460	J+	40	250		40	190		40	160		40	370	J+	40	1100	J	420	6600		420	1200	J	420	1100	J	420
	METHYL TERT-BUTYL ETHER	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	1800	J	1700	27000		1700	3500	J	1700	ND	U	1700
	NAPHTHALENE																ND	U	200	ND	U	200	ND	U	200	ND	U	200
	O-XYLENE	150	J+	20	80		20	63		20	53		20	94	J+	20	ND	U	210	1900		210	ND	U	210	ND	U	210
	PROPYLENE	620	J+	20	ND	U	20	76		20	350		20	5200	J+	2000	ND	U	60	ND	U	60	ND	U	60	ND	U	60
	STYRENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	THF	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	TOLUENE	2500	J+	20	960		20	780		20	640		20	10000	J+	2000	3400		130	18000		130	5800		130	3900		130
	TRANS-1,2-DICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	94	ND	U	94	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	140	ND	U	140	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	95	ND	U	95	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	58	ND	U	58	ND	U	58	ND	U	58
	XYLENES	610	J+	60	330		60	260		60	220		60	460	J+	60	1100	J	630	8500		630	1200	J	630	1100	J	630
General Chemistry	CARBON DIOXIDE	0.13		0.025	0.11		0.025	0.081	J	0.025	0.067	J	0.025	0.36		0.025	0.098	J	0.025	0.12		0.025	0.13		0.025	0.15		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	79		0.025	79		0.025	79		0.025	80		0.025	78		0.025	78		0.025	78		0.025	78		0.025
	OXYGEN	21		0.025	21		0.025	21		0.025	21		0.025	20		0.025	21		0.025	21		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB-106141-350			KAFB-106141-350			KAFB-106141-450			KAFB-106142-030			KAFB-106142-050			KAFB-106142-050			KAFB-106142-170			KAFB-106142-250			KAFB-106142-350			KAFB-106142-450		
	SAMPLE NO	VA0359			VA0360			VA0361			VA0362			VA0363			VA0364			VA0365			VA0366			VA0367			VA0368		
	SAMPLE DATE	17-May-11			17-May-11			17-May-11			23-May-11			23-May-11			23-May-11			23-May-11			23-May-11			23-May-11			23-May-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	340-350 FT			340-350 FT			440-450 FT			20-30 FT			40-50 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	750000	J-	24000	360000	J-	12000	280000	J-	12000	51000	J-	1200	79000	J-	1200	66000	J-	1200	70000	J-	1200	32000	J-	1200	46000	J-	1200	430000	J-	24000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	29000	19000	J-	14000	16000	J-	14000	3600	J-	1400	2800	J-	1400	2800	J-	1400	4600	J-	1400	2900	J-	1400	3600	J-	1400	ND	UJ	29000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	140000	J-	21000	110000	J-	10000	91000	J-	10000	37000	J-	1000	37000	J-	1000	32000	J-	1000	38000	J-	1000	27000	J-	1000	33000	J-	1000	100000	J-	21000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	U	86	ND	UJ	4.3	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	U	170	ND	UJ	8.4	ND	U	170	ND	U	170	ND	UJ	170	ND	UJ	8.4	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	UJ	8	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	8	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	U	89	ND	UJ	4.4	ND	U	89	ND	U	89	ND	UJ	89	ND	UJ	4.4	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	U	78	ND	UJ	3.9	ND	U	78	ND	U	78	ND	UJ	78	ND	UJ	3.9	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	UJ	11	ND	U	220	ND	U	220	ND	UJ	220	ND	UJ	11	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	200	ND	U	200	ND	U	200	110	J-	9.8	ND	U	200	ND	U	200	ND	UJ	200	85	J-	9.8	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	ND	U	150	ND	UJ	7.4	ND	U	150	ND	U	150	ND	UJ	150	ND	UJ	7.4	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	U	170	ND	UJ	8.3	ND	U	170	ND	U	170	ND	UJ	170	ND	UJ	8.3	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	UJ	7.8	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	7.8	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	U	180	ND	UJ	9	ND	U	180	ND	U	180	ND	UJ	180	ND	UJ	9	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	190	ND	U	190	ND	U	190	51	J-	9.6	ND	U	190	ND	U	190	ND	UJ	190	40	J-	9.6	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	UJ	8.1	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	8.1	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	UJ	7.8	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	7.8	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	U	100	ND	UJ	5.1	ND	U	100	ND	U	100	ND	UJ	100	ND	UJ	5.1	ND	U	100	ND	U	100
	2-BUTANONE	ND	U	230	ND	U	230	ND	U	230	ND	UJ	11	ND	U	230	ND	U	230	ND	UJ	230	ND	UJ	11	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	110	ND	U	110	ND	U	110	ND	UJ	5.4	ND	U	110	ND	U	110	ND	UJ	110	ND	UJ	5.4	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	U	130	ND	UJ	6.3	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	6.3	ND	U	130	ND	U	130
	ACETONE	ND	U	340	820		340	1100		340	ND	UJ	17	960		340	1600		340	ND	UJ	340	ND	UJ	17	1400		340	ND	U	340
	BENZENE	2300		100	940		100	870		100	190	J-	5	ND	U	100	ND	U	100	ND	UJ	100	99	J-	5	1300		100	21000		100
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	U	120	ND	UJ	6.2	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	6.2	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	UJ	6.2	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	6.2	ND	U	120	ND	U	120
	BROMOFORM	ND	U	160	ND	U	160	ND	U	160	ND	UJ	7.9	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	7.9	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	60	ND	U	60	ND	U	60	ND	UJ	3	ND	U	60	ND	U	60	ND	UJ	60	ND	UJ	3	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	U	74	ND	UJ	3.7	ND	U	74	ND	U	74	ND	UJ	74	ND	UJ	3.7	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	ND	U	91	ND	UJ	4.6	ND	U	91	ND	U	91	ND	UJ	91	ND	UJ	4.6	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	UJ	11	ND	U	220	ND	U	220	ND	UJ	220	ND	UJ	11	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	50	ND	U	50	ND	U	50	ND	UJ	2.5	ND	U	50	ND	U	50	ND	UJ	50	ND	UJ	2.5	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	100	ND	U	100	ND	U	100	ND	UJ	5	ND	U	100	ND	U	100	ND	UJ	100	ND	UJ	5	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	U	83	ND	UJ	4.2	ND	U	83	ND	U	83	ND	UJ	83	ND	UJ	4.2	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	U	86	ND	UJ	4.3	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	U	130	ND	UJ	6.6	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	6.6	ND	U	130	ND	U	130
	CYCLOHEXANE	6700		550	2700		550	ND	U	550	680	J-	27	2000		550	1800		550	2200	J-	550	480	J-	27	1100	J	550	7100		550
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	U	130	ND	UJ	6.6	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	6.6	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	U	69	ND	UJ	3.4	ND	U	69	ND	U	69	ND	UJ	69	ND	UJ	3.4	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	120	ND	U	120	ND	U	120	ND	UJ	6.1	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	6.1	ND	U	120	ND	U	120
	ETHANOL	ND	U	1600	ND	U	1600	2100	J	1600	ND	UJ	78	ND	U	1600	ND	U	1600	ND	UJ	1600	ND	UJ	78	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	U	130	ND	UJ	6.3	ND	U	130	ND	U	130	ND	UJ	130	ND	UJ	6.3	ND	U	130	ND	U	130
	ETHYLBENZENE	ND	U	590	ND	U	590	ND	U	590	140	J-	29	ND	U	590	ND	U	590	ND	UJ	590	86	J-	29	ND	U	590	1600		590
	FREON 113	ND	U	86	ND	U	86	ND	U	86	ND	UJ	4.3	ND	U	86	ND	U	86	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
	HEPTANE	5400		200	2300		200	1700		200	560	J-	10	1200		200	1100		200	1300	J-	200	320	J-	10	ND	U	200	2000		200
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	U	300	ND	UJ	15	ND	U	300	ND	U	300	ND	UJ	300	ND	UJ	15	ND	U	300	ND	U	300
	HEXANE	7800		550	3200		550	2800		550	530	J-	28	2000		550	2200		550	1200	J-	550	ND	UJ	28	1700		550	4600		550
	ISOPROPANOL	ND	U	260	ND	U	260	ND	U	260	ND	UJ	13	ND	U	260	ND	U	260	ND	UJ	260	ND	UJ	13	ND	U	260	ND	U	260
	M,P-XYLENES	1400	J	420	900	J	420	820	J	420	350	J-	21	ND	U	420	940	J	420	ND	UJ	420	230	J-	21	ND	U	420	3100		420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	U	180	ND	UJ	9.1	ND	U	180	ND	U	180	ND	UJ	180	ND	UJ	9.1	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	U	1700	4300		1700	4700		1700	ND	UJ	83	6700		1700	8500		1700	ND	UJ	1700	ND	UJ	83	10000		1700	6800		1700
	NAPHTHALENE	ND	U	200	ND	U	200	ND	U	200	ND	UJ	9.9	ND	U	200	ND	U	200	ND	UJ	200	ND	UJ	9.9	ND	U	200	ND	U	200
	O-XYLENE	ND	U	210	ND	U	210	ND	U	210	140	J-	10	ND	U	210	ND	U	210	ND	UJ	210	95	J-	10	ND	U	210	1200		210
	PROPYLENE	ND	U	60	ND	U	60	ND	U	60	ND	UJ	3	ND	U	60	ND	U	60	ND	UJ	60	ND	UJ	3	ND	U	60	ND	U	60
	STYRENE	ND	U	210	ND	U	210	ND	U	210	ND	UJ	11	ND	U	210	ND	U	210	ND	UJ	210	ND	UJ	11	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	U	120	ND	UJ	5.9	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	5.9	ND	U	120	ND	U	120
	THF	ND	U	160	ND	U	160	ND	U	160	ND	UJ	8	ND	U	160	ND	U	160	ND	UJ	160	ND	UJ	8	ND	U	160	ND	U	160
	TOLUENE	5700		130	4300		130	3400		130	ND	UJ	6.3	1700		130	2100		130	1400	J-	130	ND	UJ	6.3	1400		130	19000		130
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	U	94	ND	UJ	4.7	ND	U	94	ND	U	94	ND	UJ	94	ND	UJ	4.7	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	U	140	ND	UJ	6.8	ND	U	140	ND	U	140	ND	UJ	140	ND	UJ	6.8	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	95	ND	U	95	ND	U	95	ND	UJ	4.8	ND	U	95	ND	U	95	ND	UJ	95	ND	UJ	4.8	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	UJ	5.9	ND	U	120	ND	U	120	ND	UJ	120	ND	UJ	5.9	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	210	ND	U	210	ND	U	210	ND	UJ	11	ND	U	210	ND	U	210	ND	UJ	210	ND	UJ	11	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	U	58	ND	UJ	2.9	ND	U	58	ND	U	58	ND	UJ	58	ND	UJ	2.9	ND	U	58	ND	U	58
	XYLENES	1400	J	630	900	J	630	820	J	630	490	J-	31	ND	U	630	940	J	630	ND	UJ	630	330	J-	31	ND	U	630	4300		630
General Chemistry	CARBON DIOXIDE	0.12		0.025	0.12		0.025	0.14		0.025	0.16		0.025	0.16		0.025	0.17		0.025	0.11		0.025	0.1		0.025	0.056	J	0.025	0.12		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	78		0.025	78		0.025	76		0.025	76		0.025	76		0.025	76		0.025	76		0.025	76		0.025	76		0.025
	OXYGEN	21		0.025	21		0.025	21		0.025	20		0.025	20		0.025	21		0.025	21		0.025	20		0.025	21		0.025	21		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB1065-IN			KAFB1065-IN			KAFB1065-POSTC1			KAFB1065-POSTC2			KAFB1066-IN			KAFB1066-POSTC1			KAFB1066-POSTC1			KAFB1066-POSTC2			KAFB1068-IN			KAFB1068-POSTC1		
	SAMPLE NO	VA9018			VA9019			VA9020			VA9021			VA9022			VA9023			VA9024			VA9025			VA9026			VA9027		
	SAMPLE DATE	12-May-11			12-May-11			12-May-11			12-May-11			12-May-11			12-May-11			12-May-11			12-May-11			12-May-11			12-May-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	-			-			-			-			-			-			-			-			-			-		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS																														
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS																														
and TO13	C9-C12 ALIPHATIC HYDROCARBONS																														
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	170
	1,1,2-TRICHLOROETHANE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	1,1-DICHLOROETHANE	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	890	ND	UJ	890	ND	UJ	890	ND	UJ	89	ND	UJ	89	ND	UJ	89
	1,1-DICHLOROETHENE	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	780	ND	UJ	780	ND	UJ	780	ND	UJ	78	ND	UJ	78	ND	UJ	78
	1,2,4-TRICHLOROBENZENE	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	220
	1,2,4-TRIMETHYLBENZENE	1000	J-	200	1100	J-	200	ND	UJ	200	ND	UJ	200	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	200	1200	J-	200	ND	UJ	200
	1,2-DIBROMOETHANE	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	1500	ND	UJ	1500	ND	UJ	1500	ND	UJ	150	ND	UJ	150	ND	UJ	150
	1,2-DICHLOROBENZENE	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	170
	1,2-DICHLOROETHANE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	1,2-DICHLOROPROPANE	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	180
	1,3,5-TRIMETHYLBENZENE	870		190	950	J-	190	ND	UJ	190	ND	UJ	190	ND	UJ	1900	ND	UJ	1900	ND	UJ	1900	ND	UJ	190	1000	J-	190	ND	UJ	190
	1,3-DICHLOROBENZENE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	1,4-DICHLOROBENZENE	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	1,4-DIOXANE	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	100
	2-BUTANONE	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	230	ND	UJ	2300	ND	UJ	2300	ND	UJ	2300	ND	UJ	230	2100	J-	230	ND	UJ	230
	2-HEXANONE	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	1100	ND	UJ	1100	ND	UJ	1100	ND	UJ	110	ND	UJ	110	ND	UJ	110
	4-METHYL-2-PENTANONE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130
	ACETONE	1200	J-	340	810	J-	340	2800	J-	340	890	J-	340	18000	J-	3400	ND	UJ	3400	ND	UJ	3400	2500	J-	340	5700	J-	340	1700	J-	340
	BENZENE	17000	J-	100	17000	J-	100	1400	J-	100	1000	J-	100	140000	J-	1000	9000	J-	1000	8600	J-	1000	13000	J-	100	31000	J-	1000	21000	J-	100
	BENZENE, (CHLOROMETHYL)-	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120
	BROMODICHLOROMETHANE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120
	BROMOFORM	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	BROMOMETHANE	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	600	ND	UJ	600	ND	UJ	600	ND	UJ	60	ND	UJ	60	ND	UJ	60
	CARBON DISULFIDE	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	740	ND	UJ	740	ND	UJ	740	ND	UJ	74	ND	UJ	74	ND	UJ	74
	CARBON TETRACHLORIDE	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	910	ND	UJ	910	ND	UJ	910	ND	UJ	91	ND	UJ	91	ND	UJ	91
	CHLOROBENZENE	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	220
	CHLOROETHANE	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	500	ND	UJ	500	ND	UJ	500	ND	UJ	50	ND	UJ	50	ND	UJ	50
	CHLOROFORM	ND	UJ	100	ND	UJ	100	1200	J-	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	100
	CHLOROMETHANE	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	830	ND	UJ	830	ND	UJ	830	ND	UJ	83	ND	UJ	83	ND	UJ	83
	CIS-1,2-DICHLOROETHENE	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86
	CIS-1,3-DICHLOROPROPENE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130
	CYCLOHEXANE	80000	J-	5500	140000	J-	5500	1100	J-	550	ND	UJ	550	370000	J-	5500	ND	UJ	5500	12000	J-	5500	3000	J-	550	86000	J-	5500	10000	J-	550
	DIBROMOCHLOROMETHANE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130
	DICHLORODIFLUOROMETHANE	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	690	ND	UJ	690	ND	UJ	690	ND	UJ	69	ND	UJ	69	ND	UJ	69
	ERYTHRENE	ND	UJ	120	ND	UJ	120	2300	J-	120	ND	UJ	120	8700	J-	1200	9100	J-	1200	10000	J-	1200	3000	J-	120	2500	J-	120	13000	J-	120
	ETHANOL	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000	ND	UJ	16000	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	ETHYL ACETATE	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130
	ETHYLBENZENE	3900	J-	590	3900	J-	590	ND	UJ	590	ND	UJ	590	16000	J-	5900	ND	UJ	5900	ND	UJ	5900	ND	UJ	590	7300	J-	590	ND	UJ	590
	FREON 113	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86
	HEPTANE	23000	J-	200	22000	J-	200	ND	UJ	200	ND	UJ	200	240000	J-	2000	ND	UJ	2000	ND	UJ	2000	1600	J-	200	58000	J-	2000	4800	J-	200
	HEXACHLOROBUTADIENE	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	3000	ND	UJ	3000	ND	UJ	3000	ND	UJ	300	ND	UJ	300	ND	UJ	300
	HEXANE	23000	J-	550	23000	J-	550	1900	J-	550	ND	UJ	550	340000	J-	5500	11000	J-	5500	11000	J-	5500	3700	J-	550	67000	J-	5500	9400	J-	550
	ISOPROPANOL	2100	J-	260	940	J-	260	1800	J-	260	ND	UJ	260	ND	UJ	2600	ND	UJ	2600	ND	UJ	2600	1500	J-	260	1300	J-	260	1200	J-	260
	M,P-XYLENES	13000	J-	420	13000	J-	420	ND	UJ	420	ND	UJ	420	42000	J-	4200	ND	UJ	4200	ND	UJ	4200	1100	J-	420	20000	J-	420	1400	J-	420
	METHYL TERT-BUTYL ETHER	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	180
	METHYLENE CHLORIDE	4700	J-	1700	1700	J-	1700	15000	J-	1700	ND	UJ	1700	ND	UJ	17000	ND	UJ	17000	ND	UJ	17000	3300	J-	1700	ND	UJ	1700	2400	J-	1700
	NAPHTHALENE	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	200	ND	UJ	200	ND	UJ	200
	O-XYLENE	3600	J-	210	3600	J-	210	ND	UJ	210	ND	UJ	210	11000	J-	2100	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	5800	J-	210	ND	UJ	210
	PROPYLENE	850	J-	60	ND	UJ	60	160000	J-	600	78000	J-	600	14000	J-	600	100000	J-	600	100000	J-	600	76000	J-	600	4700	J-	60	240000	J-	600
	STYRENE	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	210
	TETRACHLOROETHENE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120
	THF	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160
	TOLUENE	38000	J-	130	36000	J-	130	960	J-	130	ND	UJ	130	270000	J-	1300	9000	J-	1300	8900	J-	1300	4500	J-	130	71000	J-	1300	7000	J-	130
	TRANS-1,2-DICHLOROETHENE	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	940	ND	UJ	940	ND	UJ	940	ND	UJ	94	ND	UJ	94	ND	UJ	94
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	1400	ND	UJ	1400	ND	UJ	1400	ND	UJ	140	ND	UJ	140	ND	UJ	140
	TRICHLOROETHENE	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	950	ND	UJ	950	ND	UJ	950	ND	UJ	95	ND	UJ	95	ND	UJ	95
	TRICHLOROFLUOROMETHANE	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120
	VINYL ACETATE	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	210
	VINYL CHLORIDE	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	580	ND	UJ	580	ND	UJ	580	ND	UJ	58	ND	UJ	58	ND	UJ	58
	XYLENES	16000	J-	630	16000	J-	630	ND	UJ	630	ND	UJ	630	53000	J-	6300	ND	UJ	6300	ND	UJ	6300	1100	J-	630	26000	J-	630	1400	J-	630
General Chemistry	CARBON DIOXIDE	0.75		0.025	0.6		0.025	5.2		0.025	5.7		0.025	1.1		0.025	5.7		0.025	6.1		0.025	5.5		0.025	0.41		0.025	5.5		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	0.2		0.025	0.31		0.025	ND	U	0.025	0.42		0.025	0.42		0.025	0.26		0.025	ND	U	0.025	0.59		0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	0.027	J	0.025
	NITROGEN	79		0.025	79		0.025	84		0.025	87		0.025	81		0.025	86		0.025	86		0.025	85		0.025	79		0.025	88		0.025
	OXYGEN	20		0.025	20		0.025	9.4		0.025	6.6		0.025	17		0.025	5.8		0.025	5.6		0.025	7.7		0.025	20		0.025	5.3		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	KAFB1068-POSTC2			ST106-IN			ST106-POSTC1			ST106-POSTC2			SVEW-01-260			SVEW-02-060			SVEW-02-060			SVEW-03-160			SVEW-04-313		
	SAMPLE NO	VA9028			VA9015			VA9016			VA9017			VA0369			VA0370			VA0371			VA0372			VA0373		
	SAMPLE DATE	12-May-11			12-May-11			12-May-11			12-May-11			13-May-11			13-May-11			13-May-11			13-May-11			13-May-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	-			-			-			-			246-260 FT			45-60			45-60			145-160			298-313 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS													22000000	J-	240000	31000000	J-	600000	23000000	J-	600000	21000000	J-	240000	11000000	J-	240000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS													ND	UJ	290000	ND	UJ	710000	ND	UJ	710000	ND	UJ	290000	ND	UJ	290000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS													620000	J-	210000	840000	J-	520000	ND	UJ	520000	ND	UJ	210000	670000	J-	210000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	86	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	170	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700	ND	UJ	1700
	1,1,2-TRICHLOROETHANE	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	1,1-DICHLOROETHANE	ND	UJ	89	ND	UJ	890	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	89	ND	UJ	890	ND	UJ	890	ND	UJ	890
	1,1-DICHLOROETHENE	ND	UJ	78	ND	UJ	780	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	78	ND	UJ	780	ND	UJ	780	ND	UJ	780
	1,2,4-TRICHLOROBENZENE	ND	UJ	220	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200	ND	UJ	2200
	1,2,4-TRIMETHYLBENZENE	ND	UJ	200	ND	UJ	2000	ND	UJ	200	2900	J-	200	1700	J-	200	930	J-	200	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000
	1,2-DIBROMOETHANE	ND	UJ	150	ND	UJ	1500	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	150	ND	UJ	1500	ND	UJ	1500	ND	UJ	1500
	1,2-DICHLOROBENZENE	ND	UJ	170	ND	UJ	1700	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	170	ND	UJ	1700	ND	UJ	1700	ND	UJ	1700
	1,2-DICHLOROETHANE	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	1,2-DICHLOROPROPANE	ND	UJ	180	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800	ND	UJ	1800
	1,3,5-TRIMETHYLBENZENE	ND	UJ	190	ND	UJ	1900	ND	UJ	190	1600	J-	190	1500	J-	190	950	J-	190	ND	UJ	1900	ND	UJ	1900	ND	UJ	1900
	1,3-DICHLOROBENZENE	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	1,4-DICHLOROBENZENE	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	1,4-DIOXANE	ND	UJ	100	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000	ND	UJ	1000
	2-BUTANONE	ND	UJ	230	27000	J-	2300	ND	UJ	230	ND	UJ	230	51000	J-	230	31000	J-	230	30000	J-	2300	39000	J-	2300	12000	J-	2300
	2-HEXANONE	ND	UJ	110	ND	UJ	1100	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	110	ND	UJ	1100	ND	UJ	1100	ND	UJ	1100
	4-METHYL-2-PENTANONE	ND	UJ	130	ND	UJ	1300	ND	UJ	130	ND	UJ	130	2300	J-	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300
	ACETONE	1200	J-	340	140000	J-	3400	4500	J-	340	3400	J-	340	360000	J-	3400	280000	J-	3400	160000	J-	3400	190000	J-	3400	65000	J-	3400
	BENZENE	6700	J-	100	52000	J-	1000	880	J-	100	5800	J-	100	40000	J-	100	35000	J-	100	74000	J-	1000	95000	J-	1000	49000	J-	1000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	120	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200
	BROMODICHLOROMETHANE	ND	UJ	120	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200
	BROMOFORM	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	BROMOMETHANE	ND	UJ	60	ND	UJ	600	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	60	ND	UJ	600	ND	UJ	600	ND	UJ	600
	CARBON DISULFIDE	ND	UJ	74	ND	UJ	740	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	74	ND	UJ	740	ND	UJ	740	ND	UJ	740
	CARBON TETRACHLORIDE	ND	UJ	91	ND	UJ	910	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	91	ND	UJ	910	ND	UJ	910	ND	UJ	910
	CHLOROBENZENE	ND	UJ	220	ND	UJ	2200	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	220	ND	UJ	2200	ND	UJ	2200	ND	UJ	2200
	CHLOROETHANE	ND	UJ	50	ND	UJ	500	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	500	ND	UJ	500	ND	UJ	500
	CHLOROFORM	ND	UJ	100	ND	UJ	1000	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	100	ND	UJ	1000	ND	UJ	1000	ND	UJ	1000
	CHLOROMETHANE	ND	UJ	83	ND	UJ	830	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	83	ND	UJ	830	ND	UJ	830	ND	UJ	830
	CIS-1,2-DICHLOROETHENE	ND	UJ	86	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860
	CIS-1,3-DICHLOROPROPENE	ND	UJ	130	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300
	CYCLOHEXANE	4700	J-	550	190000	J-	5500	4400	J-	550	14000	J-	550	290000	J-	5500	270000	J-	5500	210000	J-	5500	250000	J-	5500	150000	J-	5500
	DIBROMOCHLOROMETHANE	ND	UJ	130	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300
	DICHLORODIFLUOROMETHANE	ND	UJ	69	ND	UJ	690	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	69	ND	UJ	690	ND	UJ	690	ND	UJ	690
	ERYTHRENE	ND	UJ	120	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120	3300	J-	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200
	ETHANOL	ND	UJ	1600	ND	UJ	16000	ND	UJ	1600	ND	UJ	1600	7200	J-	1600	6100	J-	1600	ND	UJ	16000	ND	UJ	16000	18000	J-	16000
	ETHYL ACETATE	ND	UJ	130	ND	UJ	1300	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	130	ND	UJ	1300	ND	UJ	1300	ND	UJ	1300
	ETHYLBENZENE	ND	UJ	590	14000	J-	5900	ND	UJ	590	6500	J-	590	17000	J-	590	10000	J-	590	12000	J-	5900	ND	UJ	5900	27000	J-	5900
	FREON 113	ND	UJ	86	ND	UJ	860	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	86	ND	UJ	860	ND	UJ	860	ND	UJ	860
	HEPTANE	2400	J-	200	190000	J-	2000	4600	J-	200	21000	J-	200	310000	J-	2000	230000	J-	2000	180000	J-	2000	170000	J-	2000	170000	J-	2000
	HEXACHLOROBUTADIENE	ND	UJ	300	ND	UJ	3000	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	300	ND	UJ	3000	ND	UJ	3000	ND	UJ	3000
	HEXANE	4500	J-	550	140000	J-	5500	5000	J-	550	9500	J-	550	230000	J-	5500	300000	J-	5500	220000	J-	5500	320000	J-	5500	120000	J-	5500
	ISOPROPANOL	1000	J-	260	17000	J-	2600	ND	UJ	260	ND	UJ	260	39000	J-	260	24000	J-	260	14000	J-	2600	17000	J-	2600	25000	J-	2600
	M,P-XYLENES	ND	UJ	420	33000	J-	4200	ND	UJ	420	17000	J-	420	30000	J-	420	19000	J-	420	26000	J-	4200	11000	J-	4200	61000	J-	4200
	METHYL TERT-BUTYL ETHER	ND	UJ	180	ND	UJ	1800	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	180	ND	UJ	1800	ND	UJ	1800	ND	UJ	1800
	METHYLENE CHLORIDE	2100	J-	1700	ND	UJ	17000	3400	J-	1700	ND	UJ	1700	ND	UJ	1700	ND	UJ	1700	ND	UJ	17000	ND	UJ	17000	ND	UJ	17000
	NAPHTHALENE	ND	UJ	200	ND	UJ	2000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000
	O-XYLENE	ND	UJ	210	10000	J-	2100	ND	UJ	210	5800	J-	210	11000	J-	210	6800	J-	210	8400	J-	2100	ND	UJ	2100	19000	J-	2100
	PROPYLENE	89000	J-	600	ND	UJ	600	42000	J-	60	47000	J-	60	2100	J-	60	9200	J-	60	ND	UJ	600	17000	J-	600	ND	UJ	600
	STYRENE	ND	UJ	210	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100	ND	UJ	2100
	TETRACHLOROETHENE	ND	UJ	120	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200
	THF	ND	UJ	160	ND	UJ	1600	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	160	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600
	TOLUENE	840	J-	130	140000	J-	1300	ND	UJ	130	28000	J-	130	250000	J-	1300	180000	J-	1300	140000	J-	1300	96000	J-	1300	210000	J-	1300
	TRANS-1,2-DICHLOROETHENE	ND	UJ	94	ND	UJ	940	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	94	ND	UJ	940	ND	UJ	940	ND	UJ	940
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	140	ND	UJ	1400	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	140	ND	UJ	1400	ND	UJ	1400	ND	UJ	1400
	TRICHLOROETHENE	ND	UJ	95	ND	UJ	950	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	95	ND	UJ	950	ND	UJ	950	ND	UJ	950
	TRICHLOROFLUOROMETHANE	ND	UJ	120	ND	UJ	1200	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	120	ND	UJ	1200	ND	UJ	1200	ND	UJ	1200
	VINYL ACETATE	ND	UJ	210	ND	UJ	2100	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	210	ND	UJ	2100	ND	UJ	2100	ND	UJ	2100
	VINYL CHLORIDE	ND	UJ	58	ND	UJ	580	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	58	ND	UJ	580	ND	UJ	580	ND	UJ	580
	XYLENES	ND	UJ	630	43000	J-	6300	ND	UJ	630	23000	J-	630	41000	J-	630	25000	J-	630	34000	J-	6300	11000	J-	6300	80000	J-	6300
General Chemistry	CARBON DIOXIDE	5.2		0.025	1.9		0.025	7.6		0.025	6.7		0.025	1.2		0.025	0.87		0.025	2.3		0.025	2.3		0.025	1.8		0.025
Method D2504	CARBON MONOXIDE	0.29		0.025	ND	U	0.025	0.14		0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	0.033	J	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	87		0.025	80		0.025	87		0.025	87		0.025	80		0.025	80		0.025	81		0.025	81		0.025	80		0.025
	OXYGEN	5.7		0.025	17		0.025	4.1		0.025	5.5		0.025	19		0.025	19		0.025	16		0.025	16		0.025	16		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVEW-05-460			SVEW-06-060			SVEW-07-160			SVEW-08-260			SVEW-09-460			SVEW-10-410			SVEW-11-410			SVEW-12-410			SVEW-12-410		
	SAMPLE NO	VA0374			VA0375			VA0376			VA0377			VA0378			VA0379			VA0380			VA0381			VA0382		
	SAMPLE DATE	13-May-11			17-May-11			16-May-11			17-May-11			17-May-11			24-May-11			7-Jun-11			6-Jun-11			6-Jun-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	445-460 FT			45-60 FT			145-160 FT			245-260 FT			435-450 FT			400-410 ft			400-410 FT			400-410 FT			400-410 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	41000000	J-	600000	1500000	J-	48000	80000000	J-	600000	5500000	J-	240000	1400000	J-	24000	610000	J-	24000	1300000	J-	940000	120000	J-	24000	350000	J-	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	710000	ND	UJ	57000	ND	UJ	710000	ND	UJ	290000	46000	J-	29000	ND	UJ	29000	ND	UJ	1100000	ND	UJ	29000	ND	UJ	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	950000	J-	520000	140000	J-	41000	2500000	J-	520000	420000	J-	210000	270000	J-	21000	ND	UJ	21000	ND	UJ	2000000	ND	UJ	21000	ND	UJ	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	2100	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	4200	ND	U	170	ND	U	1700	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	UJ	4000	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	UJ	2200	ND	U	89	ND	U	890	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	UJ	1900	ND	U	78	ND	U	780	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	UJ	5400	ND	U	220	ND	U	2200	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	UJ	4900	ND	U	200	ND	U	2000	2200		200	1400		200	ND	U	200	ND	U	200	ND	U	200	1400		200
	1,2-DIBROMOETHANE	ND	UJ	3700	ND	U	150	ND	U	1500	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	UJ	4200	ND	U	170	ND	U	1700	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	UJ	3900	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	UJ	4500	ND	U	180	ND	U	1800	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	UJ	4800	ND	U	190	ND	U	1900	890		190	ND	U	190	ND	U	190	ND	U	190	ND	U	190	1200		190
	1,3-DICHLOROBENZENE	ND	UJ	4000	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	UJ	3900	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	UJ	2600	ND	U	100	ND	U	1000	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	2-BUTANONE	94000	J-	5700	850		230	46000		2300	1200		230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230
	2-HEXANONE	ND	UJ	2700	ND	U	110	ND	U	1100	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	UJ	3100	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ACETONE	750000	J-	8600	1500		340	110000		3400	6000		340	1300		340	1200		340	960		340	1200	J	340	1200		340
	BENZENE	180000	J-	2500	3300		100	230000		1000	9100		100	4500		100	1100		100	11000		800	57000		100	78000	J	100
	BENZENE, (CHLOROMETHYL)-	ND	UJ	3100	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	UJ	3100	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMOFORM	ND	UJ	3900	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	BROMOMETHANE	ND	UJ	1500	ND	U	60	ND	U	600	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	UJ	1900	ND	U	74	ND	U	740	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	UJ	2300	ND	U	91	ND	U	910	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	UJ	5500	ND	U	220	ND	U	2200	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	CHLOROETHANE	ND	UJ	1300	ND	U	50	ND	U	500	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50
	CHLOROFORM	ND	UJ	2500	ND	U	100	ND	U	1000	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	UJ	2100	ND	U	83	ND	U	830	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	UJ	2100	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	UJ	3300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	CYCLOHEXANE	560000	J-	14000	14000		550	860000	J-	14000	25000		550	12000		550	4100		550	16000		800	87000	J	550	92000	J	550
	DIBROMOCHLOROMETHANE	ND	UJ	3300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	UJ	1700	ND	U	69	ND	U	690	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69
	ERYTHRENE	ND	UJ	3000	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	ETHANOL	ND	UJ	39000	ND	U	1600	ND	U	16000	1800	J	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	UJ	3100	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ETHYLBENZENE	34000	J-	15000	1000	J	590	27000		5900	4000		590	1700		590	ND	U	590	2600		590	2400	J	590	3000		590
	FREON 113	ND	UJ	2200	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	HEPTANE	580000	J-	5000	8200		200	310000		2000	18000		200	6200		200	930		200	42000		200	42000		200	38000		200
	HEXACHLOROBUTADIENE	ND	UJ	7500	ND	U	300	ND	U	3000	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300
	HEXANE	430000	J-	14000	12000		550	1300000	J-	14000	16000		550	9200		550	5500		550	17000		800	87000	J	550	96000	J	550
	ISOPROPANOL	65000	J-	6600	ND	U	260	ND	U	2600	1900		260	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	260
	M,P-XYLENES	69000	J-	10000	1500	J	420	48000		4200	8600		420	4000		420	ND	U	420	9500		420	8600		420	9800		420
	METHYL TERT-BUTYL ETHER	ND	UJ	4600	ND	U	180	ND	U	1800	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	UJ	42000	ND	U	1700	ND	U	17000	1800	J	1700	2400	J	1700	11000		1700	2400	J	1700	2400	J	1700	2300	J	1700
	NAPHTHALENE	ND	UJ	4900	ND	U	200	ND	U	2000	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200
	O-XYLENE	21000	J-	5200	ND	U	210	15000		2100	2900		210	1400		210	ND	U	210	3300		210	3000		210	3900		210
	PROPYLENE	ND	UJ	1500	ND	U	60	73000		600	850		60	ND	U	60	ND	U	60	3500		60	3200		60	3300		60
	STYRENE	ND	UJ	5300	ND	U	210	ND	U	2100	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	UJ	3000	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	THF	ND	UJ	4000	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	TOLUENE	520000	J-	3200	5300		130	190000		1300	21000		130	12000		130	2300		130	24000		800	49000	J	130	47000		130
	TRANS-1,2-DICHLOROETHENE	ND	UJ	2300	ND	U	94	ND	U	940	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	3400	ND	U	140	ND	U	1400	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	UJ	2400	ND	U	95	ND	U	950	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	UJ	3000	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	VINYL ACETATE	ND	UJ	5300	ND	U	210	ND	U	2100	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	UJ	1400	ND	U	58	ND	U	580	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58
	XYLENES	90000	J-	16000	1500	J	630	63000		6300	11000		630	5400		630	ND	U	630	13000		630	12000		630	14000		630
General Chemistry	CARBON DIOXIDE	1.3		0.025	4.6		0.025	4		0.025	1.2		0.025	1.1		0.025	0.078	J	0.025	0.14		0.025	0.077	J	0.025	0.062	J	0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	83		0.025	83		0.025	82		0.025	81		0.025	76		0.025	78		0.025	78		0.025	78		0.025
	OXYGEN	18		0.025	11		0.025	10		0.025	16		0.025	17		0.025	21		0.025	21		0.025	22		0.025	22		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVEW-13-410			SVMW-01-050			SVMW-01-100			SVMW-01-100			SVMW-01-250			SVMW-01-300			SVMW-02-050			SVMW-02-100			SVMW-02-150		
	SAMPLE NO	VA0383			VA0066			VA0067			VA0068			VA0069			VA0070			VA0071			VA0072			VA0073		
	SAMPLE DATE	9-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			7-Jun-11			7-Jun-11			31-May-11			31-May-11			31-May-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	400-410 FT			50-52.5 FT			100-102.5 FT			100-102.5 FT			250.7-253.2 FT			308.5-311 FT			50-52.5 FT			97-99.5 FT			150-152.5 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	1200000	J-	24000	6200	J-	4700	8200000	J-	940000	8900000	J-	940000	290000		94000	1300000	J-	94000	200000	J-	24000	12000000	J-	240000	8700000	J-	240000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	29000	ND	UJ	5300	ND	UJ	1100000	ND	UJ	1100000	ND	U	110000	ND	UJ	110000	ND	UJ	29000	ND	UJ	290000	ND	UJ	290000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	120000	J-	21000	ND	UJ	10000	ND	UJ	2000000	ND	UJ	2000000	ND	U	200000	ND	UJ	200000	ND	UJ	21000	ND	UJ	210000	ND	UJ	210000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	43	ND	UJ	1.7	ND	U	860	ND	U	860	ND	U	86	ND	U	86	ND	UJ	860	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	84	ND	UJ	3.4	ND	U	1700	ND	U	1700	ND	U	170	ND	U	170	ND	UJ	1700	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	80	ND	UJ	3.2	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	44	ND	UJ	1.8	ND	U	890	ND	U	890	ND	U	89	ND	U	89	ND	UJ	890	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	39	ND	UJ	1.6	ND	U	780	ND	U	780	ND	U	78	ND	U	78	ND	UJ	780	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	110	ND	UJ	4.3	ND	U	2200	ND	U	2200	ND	U	220	ND	U	220	ND	UJ	2200	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	770		98	ND	UJ	3.9	ND	U	2000	ND	U	2000	ND	U	200	ND	U	200	ND	R	2000	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	74	ND	UJ	3	ND	U	1500	ND	U	1500	ND	U	150	ND	U	150	ND	UJ	1500	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	83	ND	UJ	3.3	ND	U	1700	ND	U	1700	ND	U	170	ND	U	170	ND	UJ	1700	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	78	ND	UJ	3.1	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	90	ND	UJ	3.6	ND	U	1800	ND	U	1800	ND	U	180	ND	U	180	ND	UJ	1800	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	96	ND	UJ	3.8	ND	U	1900	ND	U	1900	ND	U	190	ND	U	190	ND	UJ	1900	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	81	ND	UJ	3.2	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	78	ND	UJ	3.1	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	51	ND	UJ	2	ND	U	1000	ND	U	1000	ND	U	100	ND	U	100	ND	UJ	1000	ND	U	100	ND	U	100
	2-BUTANONE	ND	U	110	28	J-	4.6	ND	U	2300	ND	U	2300	ND	U	230	ND	U	230	ND	R	2300	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	54	ND	UJ	2.2	ND	U	1100	ND	U	1100	ND	U	110	ND	U	110	ND	UJ	1100	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	63	ND	UJ	2.5	ND	U	1300	ND	U	1300	ND	U	130	ND	U	130	ND	UJ	1300	ND	U	130	ND	U	130
	ACETONE	470		170	51	J-	6.9	ND	U	3400	ND	U	3400	ND	U	340	ND	U	340	ND	R	3400	ND	U	340	1100		340
	BENZENE	20000		50	ND	UJ	2	36000		1000	47000		1000	4100		100	20000		100	ND	R	1000	43000		1000	41000		100
	BENZENE, (CHLOROMETHYL)-	ND	U	62	ND	UJ	2.5	ND	U	1200	ND	U	1200	ND	U	120	ND	U	120	ND	UJ	1200	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	62	ND	UJ	2.5	ND	U	1200	ND	U	1200	ND	U	120	ND	U	120	ND	UJ	1200	ND	U	120	ND	U	120
	BROMOFORM	ND	U	79	ND	UJ	3.2	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	30	ND	UJ	1.2	ND	U	600	ND	U	600	ND	U	60	ND	U	60	ND	UJ	600	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	37	ND	UJ	1.5	ND	U	740	ND	U	740	ND	U	74	ND	U	74	ND	UJ	740	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	46	ND	UJ	1.8	ND	U	910	ND	U	910	ND	U	91	ND	U	91	ND	UJ	910	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	110	ND	UJ	4.4	ND	U	2200	ND	U	2200	ND	U	220	ND	U	220	ND	UJ	2200	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	25	ND	UJ	1	ND	U	500	ND	U	500	ND	U	50	ND	U	50	ND	UJ	500	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	50	ND	UJ	2	ND	U	1000	ND	U	1000	ND	U	100	ND	U	100	ND	UJ	1000	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	42	ND	UJ	1.7	ND	U	830	ND	U	830	ND	U	83	ND	U	83	ND	UJ	830	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	43	ND	UJ	1.7	ND	U	860	ND	U	860	ND	U	86	ND	U	86	ND	UJ	860	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	66	ND	UJ	2.7	ND	U	1300	ND	U	1300	ND	U	130	ND	U	130	ND	UJ	1300	ND	U	130	ND	U	130
	CYCLOHEXANE	24000	J	270	ND	UJ	11	300000		5500	360000		5500	12000		550	26000		550	ND	R	5500	130000		5500	58000		5500
	DIBROMOCHLOROMETHANE	ND	U	66	ND	UJ	2.6	ND	U	1300	ND	U	1300	ND	U	130	ND	U	130	ND	UJ	1300	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	34	ND	UJ	1.4	ND	U	690	ND	U	690	ND	U	69	ND	U	69	ND	UJ	690	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	61	ND	UJ	2.4	ND	U	1200	ND	U	1200	ND	U	120	ND	U	120	ND	UJ	1200	ND	U	120	ND	U	120
	ETHANOL	ND	U	780	ND	UJ	31	ND	U	16000	ND	U	16000	ND	U	1600	ND	U	1600	ND	R	16000	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	63	ND	UJ	2.5	ND	U	1300	ND	U	1300	ND	U	130	ND	U	130	ND	UJ	1300	ND	U	130	ND	U	130
	ETHYLBENZENE	2900		290	ND	UJ	12	ND	U	5900	ND	U	5900	ND	U	590	ND	U	590	ND	R	5900	2800		590	1700		590
	FREON 113	ND	U	43	ND	UJ	1.7	ND	U	860	ND	U	860	ND	U	86	ND	U	86	ND	UJ	860	ND	U	86	ND	U	86
	HEPTANE	16000		100	ND	UJ	4	130000		2000	160000		2000	6800		200	8500		200	ND	R	2000	47000		2000	29000		200
	HEXACHLOROBUTADIENE	ND	U	150	ND	UJ	6	ND	U	3000	ND	U	3000	ND	U	300	ND	U	300	ND	UJ	3000	ND	U	300	ND	U	300
	HEXANE	21000	J	280	ND	UJ	11	340000		5500	400000		5500	11000		550	26000		550	ND	R	5500	99000		5500	50000		5500
	ISOPROPANOL	ND	U	130	19	J-	5.3	ND	U	2600	ND	U	2600	1300		260	ND	U	260	ND	UJ	2600	ND	U	260	ND	U	260
	M,P-XYLENES	9200		210	ND	UJ	8.4	9100	J	4200	12000	J	4200	ND	U	420	1300	J	420	ND	R	4200	6700		420	4400		420
	METHYL TERT-BUTYL ETHER	ND	U	91	ND	UJ	3.6	ND	U	1800	ND	U	1800	ND	U	180	ND	U	180	ND	UJ	1800	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	U	830	49	J	33	ND	U	17000	ND	U	17000	3800	J	1700	2300	J	1700	ND	UJ	17000	4100		1700	5000		1700
	NAPHTHALENE	ND	U	99	ND	UJ	4	ND	U	2000	ND	U	2000	ND	U	200	ND	U	200	ND	UJ	2000	ND	U	200	ND	U	200
	O-XYLENE	2700		100	ND	UJ	4.1	ND	U	2100	ND	U	2100	ND	U	210	ND	U	210	ND	R	2100	2000		210	1500		210
	PROPYLENE	ND	U	30	ND	UJ	1.2	ND	U	600	ND	U	600	ND	U	60	2100		60	ND	UJ	600	2600		60	1700		60
	STYRENE	ND	U	110	ND	UJ	4.2	ND	U	2100	ND	U	2100	ND	U	210	ND	U	210	ND	UJ	2100	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	59	ND	UJ	2.4	ND	U	1200	ND	U	1200	ND	U	120	ND	U	120	ND	UJ	1200	ND	U	120	ND	U	120
	THF	ND	U	80	ND	UJ	3.2	ND	U	1600	ND	U	1600	ND	U	160	ND	U	160	ND	UJ	1600	ND	U	160	ND	U	160
	TOLUENE	26000	J	63	ND	UJ	2.5	30000		1300	42000		1300	3400		130	4000		130	ND	R	1300	64000		1300	42000		130
	TRANS-1,2-DICHLOROETHENE	ND	U	47	ND	UJ	1.9	ND	U	940	ND	U	940	ND	U	94	ND	U	94	ND	UJ	940	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	68	ND	UJ	2.7	ND	U	1400	ND	U	1400	ND	U	140	ND	U	140	ND	UJ	1400	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	48	ND	UJ	1.9	ND	U	950	ND	U	950	ND	U	95	ND	U	95	ND	UJ	950	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	59	ND	UJ	2.4	ND	U	1200	ND	U	1200	ND	U	120	ND	U	120	ND	UJ	1200	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	110	ND	UJ	4.3	ND	U	2100	ND	U	2100	ND	U	210	ND	U	210	ND	UJ	2100	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	29	ND	UJ	1.2	ND	U	580	ND	U	580	ND	U	58	ND	U	58	ND	UJ	580	ND	U	58	ND	U	58
	XYLENES	12000		310	ND	UJ	13	9100	J	6300	12000	J	6300	ND	U	630	1300	J	630	ND	UJ	6300	8800		630	5900		630
General Chemistry	CARBON DIOXIDE	0.13		0.025	4.3		0.025	5.3		0.025	4.7		0.025	0.51		0.025	0.37		0.025	0.72		0.025	2.5		0.025	0.96		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	77		0.025	83		0.025	85		0.025	85		0.025	79		0.025	79		0.025	78		0.025	79		0.025	78		0.025
	OXYGEN	21		0.025	13		0.025	8.8		0.025	9.5		0.025	20		0.025	20		0.025	19		0.025	16		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-03-050			SVMW-03-100			SVMW-03-250			SVMW-03-300			SVMW-04-050			SVMW-04-100			SVMW-04-250			SVMW-04-300		
	SAMPLE NO	VA0074			VA0075			VA0076			VA0077			VA0078			VA0079			VA0080			VA0081		
	SAMPLE DATE	13-Jun-11			13-Jun-11			14-Jun-11			14-Jun-11			7-Jun-11			7-Jun-11			8-Jun-11			8-Jun-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	50-52.5 FT			100-102.5 FT			250-252.5 FT			300-302.5 FT			50-52.5 FT			98-100.5 FT			250-252.5 FT			297.5-300 FT		
Chemical Class & Analytical Method[b]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	3200000		940000	42000000	J-	600000	4400000	J-	240000	20000000	J-	240000	1200000		940000	13000000		940000	9000000		940000	420000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	ND	UJ	710000	ND	UJ	290000	ND	UJ	290000	ND	U	1100000	ND	U	1100000	ND	U	1100000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	2000000	ND	UJ	520000	ND	UJ	210000	310000	J-	210000	ND	U	2000000	ND	U	2000000	ND	U	2000000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	860	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	1700	ND	U	170	ND	U	1700	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	890	ND	U	89	ND	U	890	ND	U	89	ND	U	89	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	780	ND	U	78	ND	U	780	ND	U	78	ND	U	78	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	2200	ND	U	220	ND	U	2200	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	1900		200	ND	U	2000	ND	U	200	ND	U	2000	ND	U	200	4400	J+	200	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	1500	ND	U	150	ND	U	1500	ND	U	150	ND	U	150	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	1700	ND	U	170	ND	U	1700	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	1800	ND	U	180	ND	U	1800	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	840		190	ND	U	1900	ND	U	190	ND	U	1900	ND	U	190	2500	J+	190	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	100	ND	U	1000	ND	U	100	ND	U	1000	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	2-BUTANONE	ND	U	230	ND	U	2300	ND	U	230	ND	U	2300	ND	U	230	ND	U	230	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	110	ND	U	1100	ND	U	110	ND	U	1100	ND	U	110	ND	U	110	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	1300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ACETONE	ND	U	340	ND	U	3400	19000		340	ND	U	3400	ND	U	340	ND	U	340	ND	U	340	ND	U	340
	BENZENE	5500		100	150000		1000	29000		100	52000		1000	15000		100	100000	J+	4000	25000		100	12000		100
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	1200	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	1200	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMOFORM	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	60	ND	U	600	ND	U	60	ND	U	600	ND	U	60	ND	U	60	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	74	ND	U	740	ND	U	74	ND	U	740	ND	U	74	ND	U	74	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	910	ND	U	91	ND	U	910	ND	U	91	ND	U	91	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	220	ND	U	2200	ND	U	220	ND	U	2200	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	50	ND	U	500	ND	U	50	ND	U	500	ND	U	50	ND	U	50	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	100	ND	U	1000	ND	U	100	ND	U	1000	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	83	ND	U	830	ND	U	83	ND	U	830	ND	U	83	ND	U	83	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	860	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	1300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	CYCLOHEXANE	7900		550	460000		5500	40000		550	160000		5500	13000		550	270000	J+	4000	34000		550	9100		550
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	1300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	690	ND	U	69	ND	U	690	ND	U	69	ND	U	69	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	120	ND	U	1200	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	ETHANOL	ND	U	1600	ND	U	16000	ND	U	1600	ND	U	16000	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	130	ND	U	1300	ND	U	130	ND	U	1300	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ETHYLBENZENE	3700		590	23000		5900	3000		590	ND	U	5900	ND	U	590	18000	J+	590	ND	U	590	ND	U	590
	FREON 113	ND	U	86	ND	U	860	ND	U	86	ND	U	860	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	HEPTANE	7200		200	280000		2000	25000		200	140000		2000	3700		200	140000	J+	4000	37000		200	4700		200
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	3000	ND	U	300	ND	U	3000	ND	U	300	ND	U	300	ND	U	300	ND	U	300
	HEXANE	5400		550	470000		5500	40000		550	120000		5500	8100		550	260000	J+	4000	20000		550	7400		550
	ISOPROPANOL	ND	U	260	ND	U	2600	ND	U	260	ND	U	2600	ND	U	260	870	J+	260	1200		260	ND	U	260
	M,P-XYLENES	9000		420	45000		4200	6600		420	20000		4200	850	J	420	24000	J+	8000	5200		420	2200		420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	1800	ND	U	180	ND	U	1800	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	4800		1700	ND	U	17000	ND	U	1700	ND	U	17000	ND	U	1700	2300	J+	1700	4000		1700	2900	J	1700
	NAPHTHALENE	ND	U	200	ND	U	2000	ND	U	200	ND	U	2000	ND	U	200	ND	U	200	ND	U	200	ND	U	200
	O-XYLENE	3400		210	8900		2100	2000		210	ND	U	2100	ND	U	210	20000	J+	210	2000		210	830		210
	PROPYLENE	ND	U	60	ND	U	600	860		60	ND	U	600	ND	U	60	13000	J+	60	ND	U	60	ND	U	60
	STYRENE	ND	U	210	ND	U	2100	ND	U	210	ND	U	2100	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	120	ND	U	1200	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	THF	ND	U	160	ND	U	1600	ND	U	160	ND	U	1600	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	TOLUENE	19000		130	160000		1300	34000		130	76000		1300	2000		130	130000	J+	4000	33000		130	7100		130
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	940	ND	U	94	ND	U	940	ND	U	94	ND	U	94	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	1400	ND	U	140	ND	U	1400	ND	U	140	ND	U	140	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	95	ND	U	950	ND	U	95	ND	U	950	ND	U	95	ND	U	95	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	1200	ND	U	120	ND	U	1200	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	210	ND	U	2100	ND	U	210	ND	U	2100	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	58	ND	U	580	ND	U	58	ND	U	580	ND	U	58	ND	U	58	ND	U	58	ND	U	58
	XYLENES	12000		630	53000		6300	8500		630	20000	J	6300	ND	U	630	67000	J+	630	7200		630	3000		630
General Chemistry	CARBON DIOXIDE	3.6		0.025	5.9		0.025	0.92		0.025	0.55		0.025	4.7		0.025	5.3		0.025	0.54		0.025	0.42		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	83		0.025	86		0.025	81		0.025	80		0.025	84		0.025	85		0.025	79		0.025	79		0.025
	OXYGEN	12		0.025	4.9		0.025	17		0.025	19		0.025	10		0.025	8.1		0.025	20		0.025	20		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-05-050			SVMW-05-100			SVMW-05-100			SVMW-05-230			SVMW-05-290			SVMW-06-050			SVMW-06-100			SVMW-06-252			SVMW-06-302		
	SAMPLE NO	VA0082			VA0083			VA0084			VA0085			VA0086			VA0087			VA0088			VA0089			VA0090		
	SAMPLE DATE	1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			10-Jun-11			10-Jun-11			10-Jun-11			10-Jun-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	50-52.5 FT			100-102.5 FT			100-102.5 FT			229.5-231 FT			287.5-290 FT			50-52.5 FT			99.5-102 FT			252-254.5 FT			302.5-305 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	85000	J-	1200	1200000	J-	24000	1200000	J-	24000	66000	J-	1200	710000	J-	24000	190000	J-	12000	1400000		940000	4300000		940000	7100000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	2300	J-	1400	ND	UJ	29000	ND	UJ	29000	1700	J-	1400	ND	UJ	29000	ND	UJ	14000	ND	U	1100000	ND	U	1100000	ND	U	1100000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	42000	J-	1000	160000	J-	21000	100000	J-	21000	27000	J-	1000	70000	J-	21000	20000	J-	10000	ND	U	2000000	ND	U	2000000	ND	U	2000000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	1700	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	890	ND	U	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	780	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	2200	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	2000	ND	U	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	1500	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	1700	ND	U	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	1800	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	190	ND	U	190	ND	U	190	ND	U	190	ND	U	190	ND	U	190	ND	U	190	ND	U	1900	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	1000	ND	U	100
	2-BUTANONE	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	2300	ND	U	230
	2-HEXANONE	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	1100	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	130
	ACETONE	ND	U	340	1000		340	1000		340	ND	U	340	ND	U	340	ND	U	340	ND	U	340	ND	U	3400	2000		340
	BENZENE	1100		100	3400		100	3900		100	ND	U	100	2900		100	940		100	1100		100	76000		1000	14000		100
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	120
	BROMOFORM	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	BROMOMETHANE	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	600	ND	U	60
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	740	ND	U	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	910	ND	U	91
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	2200	ND	U	220
	CHLOROETHANE	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	500	ND	U	50
	CHLOROFORM	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	1000	ND	U	100
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	830	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	130
	CYCLOHEXANE	1500	J	550	30000		550	30000		550	1800		550	4300		550	1600		550	2300		550	100000		5500	15000		550
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	690	ND	U	69
	ERYTHRENE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	120
	ETHANOL	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	16000	1700	J	1600
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	130
	ETHYLBENZENE	ND	U	590	ND	U	590	ND	U	590	ND	U	590	ND	U	590	ND	U	590	ND	U	590	ND	U	5900	ND	U	590
	FREON 113	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	86
	HEPTANE	950		200	3600		200	4100		200	ND	U	200	ND	U	200	1700		200	1800		200	24000		2000	5000		200
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	3000	ND	U	300
	HEXANE	1100	J	550	15000		550	15000		550	1100	J	550	3000		550	1300	J	550	2000		550	90000		5500	17000		550
	ISOPROPANOL	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	2600	3600		260
	M,P-XYLENES	860	J	420	1000	J	420	1200	J	420	ND	U	420	ND	U	420	830	J	420	810	J	420	ND	U	4200	1000	J	420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	1800	ND	U	180
	METHYLENE CHLORIDE	2400	J	1700	3400	J	1700	ND	U	1700	2400	J	1700	2600	J	1700	5200		1700	ND	U	1700	ND	U	17000	55000		1700
	NAPHTHALENE	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	2000	ND	U	200
	O-XYLENE	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	2100	ND	U	210
	PROPYLENE	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	600	1000		60
	STYRENE	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	2100	ND	U	210
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	120
	THF	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	160
	TOLUENE	2600		130	2800		130	4300		130	1600		130	1700		130	2800		130	2800		130	18000		1300	14000		130
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	940	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	1400	ND	U	140
	TRICHLOROETHENE	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	950	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	120
	VINYL ACETATE	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	2100	ND	U	210
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	580	ND	U	58
	XYLENES	860	J	630	1000	J	630	1200	J	630	ND	U	630	ND	U	630	830	J	630	810	J	630	ND	U	6300	1000	J	630
General Chemistry	CARBON DIOXIDE	3.3		0.025	4.9		0.025	5.1		0.025	0.46		0.025	0.65		0.025	1.4		0.025	2.5		0.025	0.63		0.025	0.54		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	79		0.025	80		0.025	77		0.025	77		0.025	78		0.025	81		0.025	83		0.025	80		0.025
	OXYGEN	16		0.025	13		0.025	12		0.025	20		0.025	20		0.025	18		0.025	16		0.025	16		0.025	18		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-07-050			SVMW-07-100			SVMW-07-150			SVMW-07-150			SVMW-08-050			SVMW-08-100			SVMW-08-250			SVMW-09-050			SVMW-09-100		
	SAMPLE NO	VA0091			VA0092			VA0093			VA0094			VA0095			VA0096			VA0097			VA0099			VA0100		
	SAMPLE DATE	25-May-11			25-May-11			25-May-11			25-May-11			8-Jun-11			8-Jun-11			8-Jun-11			13-Jun-11			13-Jun-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	49.5-52 FT			95.5-98 FT			147.5-150 FT			147.5-150 FT			50-52.5 FT			100-102.5 FT			250-252.5 FT			50-52.5 FT			100-102.5 FT		
Chemical Class & Analytical Method[1]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	56000	J-	1200	6700000	J-	240000	100000	J-	1200	81000	J-	1200	30000000		2300000	11000000		940000	400000		94000	4700000		940000	11000000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	2000	J-	1400	ND	UJ	290000	1900	J-	1400	1600	J-	1400	ND	U	2700000	ND	U	1100000	ND	U	110000	ND	U	1100000	ND	U	1100000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	18000	J-	1000	280000	J-	210000	26000	J-	1000	22000	J-	1000	ND	U	5000000	3000000		2000000	ND	U	200000	ND	U	2000000	ND	U	2000000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	1700
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	890
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	780
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	2200
	1,2,4-TRIMETHYLBENZENE	ND	U	200	ND	U	200	ND	U	200	ND	U	200	7200		200	2500		200	1800		200	ND	U	200	ND	U	2000
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	1500
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	1700
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	1800
	1,3,5-TRIMETHYLBENZENE	ND	U	190	ND	U	190	ND	U	190	ND	U	190	2800		190	920		190	ND	U	190	ND	U	190	ND	U	1900
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	1000
	2-BUTANONE	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	2300
	2-HEXANONE	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	1100
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300
	ACETONE	1400		340	ND	U	340	1100		340	1700		340	ND	U	340	ND	U	340	ND	U	340	ND	U	340	ND	U	3400
	BENZENE	2300		100	37000		100	1400		100	1100		100	110000		4000	11000		100	27000		100	78000		800	210000		1000
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200
	BROMOFORM	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	BROMOMETHANE	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	600
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	740
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	910
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	2200
	CHLOROETHANE	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	500
	CHLOROFORM	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	1000
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	830
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300
	CYCLOHEXANE	1000	J	550	58000		550	1900		550	1600		550	290000		4000	23000		550	16000		550	120000		800	470000		5500
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	690
	ERYTHRENE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200
	ETHANOL	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	16000
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	1300
	ETHYLBENZENE	ND	U	590	ND	U	590	ND	U	590	ND	U	590	21000		590	2900		590	1800		590	1700		590	16000		5900
	FREON 113	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	860
	HEPTANE	ND	U	200	17000		200	ND	U	200	ND	U	200	120000		4000	14000		200	7800		200	49000		800	260000		2000
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	3000
	HEXANE	1600		550	53000		550	3000		550	4100		550	290000		4000	17000		550	12000		550	94000		800	470000		5500
	ISOPROPANOL	ND	U	260	ND	U	260	ND	U	260	ND	U	260	900		260	ND	U	260	ND	U	260	ND	U	260	ND	U	2600
	M,P-XYLENES	ND	U	420	3000		420	ND	U	420	ND	U	420	41000		420	8300		420	5900		420	3600		420	36000		4200
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	1800
	METHYLENE CHLORIDE	8500		1700	3500	J	1700	6200		1700	12000		1700	3000	J	1700	5200		1700	3900	J	1700	ND	U	1700	ND	U	17000
	NAPHTHALENE	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	2000
	O-XYLENE	ND	U	210	820		210	ND	U	210	ND	U	210	16000		210	3000		210	2800		210	1900		210	11000		2100
	PROPYLENE	ND	U	60	ND	U	60	ND	U	60	ND	U	60	22000		60	ND	U	60	860		60	1200		60	12000		600
	STYRENE	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	2100
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200
	THF	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	1600
	TOLUENE	ND	U	130	38000		130	4100		130	3300		130	120000		4000	21000		130	22000		130	26000		130	300000		1300
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	940
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	1400
	TRICHLOROETHENE	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	950
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	1200
	VINYL ACETATE	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	2100
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	580
	XYLENES	ND	U	630	3800		630	ND	U	630	ND	U	630	57000		630	11000		630	8600		630	5500		630	47000		6300
General Chemistry	CARBON DIOXIDE	0.23		0.025	3.3		0.025	2.5		0.025	2.6		0.025	5.6		0.025	5.3		0.025	0.53		0.025	5.7		0.025	6.3		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	78		0.025	80		0.025	79		0.025	79		0.025	87		0.025	86		0.025	79		0.025	85		0.025	86		0.025
	OXYGEN	20		0.025	14		0.025	16		0.025	16		0.025	5.7		0.025	8.1		0.025	20		0.025	7.7		0.025	5.5		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-09-250			SVMW-09-250			SVMW-09-266			SVMW-10-050			SVMW-10-100			SVMW-10-150			SVMW-10-250			SVMW-11-050			SVMW-11-100		
	SAMPLE NO	VA0101			VA0102			VA0103			VA0104			VA0105			VA0106			VA0107			VA0108			VA0109		
	SAMPLE DATE	13-Jun-11			13-Jun-11			13-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			14-Jun-11			14-Jun-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	250-252.5 FT			250-252.5 FT			266-268.5 FT			50-52.5 FT			100-102.5 FT			150-152.5 FT			250-252.5 FT			50-52.5 FT			100-102.5 FT		
Chemical Class & Analytical Method[1]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	2500000	J-	24000	1800000	J-	24000	5300000		940000	100000000	J-	600000	120000000	J-	600000	63000000	J-	600000	55000000	J-	600000	32000000	J-	240000	89000000	J-	600000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	29000	ND	UJ	29000	ND	U	1100000	ND	UJ	710000	ND	UJ	710000	ND	UJ	710000	860000	J-	710000	ND	UJ	290000	ND	UJ	710000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	110000	J-	21000	110000	J-	21000	ND	U	2000000	1700000	J-	520000	1500000	J-	520000	1400000	J-	520000	3600000	J-	520000	800000	J-	210000	1300000	J-	520000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	U	170	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	U	89	ND	U	890	ND	U	890	ND	U	890	ND	U	890	ND	U	890	ND	U	890
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	U	78	ND	U	780	ND	U	780	ND	U	780	ND	U	780	ND	U	780	ND	U	780
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200
	1,2,4-TRIMETHYLBENZENE	ND	U	200	ND	U	200	10000	J+	200	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	1300	J+	150	ND	U	1500	ND	U	1500	ND	U	1500	ND	U	1500	ND	U	1500	ND	U	1500
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	U	170	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700	ND	U	1700
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	U	180	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800
	1,3,5-TRIMETHYLBENZENE	ND	U	190	ND	U	190	4900	J+	190	ND	U	1900	ND	U	1900	ND	U	1900	ND	U	1900	ND	U	1900	ND	U	1900
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	U	100	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000
	2-BUTANONE	ND	U	230	ND	U	230	ND	U	230	86000		2300	160000		2300	36000		2300	17000		2300	47000		2300	120000		2300
	2-HEXANONE	ND	U	110	ND	U	110	ND	U	110	ND	U	1100	ND	U	1100	ND	U	1100	ND	U	1100	ND	U	1100	ND	U	1100
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300
	ACETONE	990		340	1400		340	3100	J+	340	320000		3400	530000		3400	190000		3400	65000		3400	200000		3400	490000		3400
	BENZENE	24000		100	33000		100	82000	J+	800	210000		1000	270000		1000	130000		1000	45000		1000	96000		1000	330000		1000
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200
	BROMOFORM	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	BROMOMETHANE	ND	U	60	ND	U	60	ND	U	60	ND	U	600	ND	U	600	ND	U	600	ND	U	600	ND	U	600	ND	U	600
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	U	74	ND	U	740	ND	U	740	ND	U	740	ND	U	740	ND	U	740	ND	U	740
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	ND	U	91	ND	U	910	ND	U	910	ND	U	910	ND	U	910	ND	U	910	ND	U	910
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	U	220	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200	ND	U	2200
	CHLOROETHANE	ND	U	50	ND	U	50	ND	U	50	ND	U	500	ND	U	500	ND	U	500	ND	U	500	ND	U	500	ND	U	500
	CHLOROFORM	ND	U	100	ND	U	100	ND	U	100	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000	ND	U	1000
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	U	83	ND	U	830	ND	U	830	ND	U	830	ND	U	830	ND	U	830	ND	U	830
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300
	CYCLOHEXANE	27000		550	36000		550	110000	J+	800	520000		5500	540000		5500	310000		5500	120000		5500	430000		5500	960000	J-	14000
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	U	69	ND	U	690	ND	U	690	ND	U	690	ND	U	690	ND	U	690	ND	U	690
	ERYTHRENE	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200
	ETHANOL	ND	U	1600	ND	U	1600	1700	J+	1600	20000	J	16000	34000	J	16000	ND	U	16000	ND	U	16000	ND	U	16000	ND	U	16000
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	U	130	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300
	ETHYLBENZENE	2000		590	2500		590	37000	J+	590	29000		5900	29000		5900	16000		5900	21000		5900	27000		5900	50000		5900
	FREON 113	ND	U	86	ND	U	86	ND	U	86	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860	ND	U	860
	HEPTANE	17000		200	22000		200	72000	J+	800	390000		2000	380000		2000	210000		2000	180000		2000	400000		2000	560000		2000
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	U	300	ND	U	3000	ND	U	3000	ND	U	3000	ND	U	3000	ND	U	3000	ND	U	3000
	HEXANE	28000		550	38000		550	110000	J+	800	470000		5500	600000		5500	380000		5500	110000		5500	200000		5500	1000000	J-	14000
	ISOPROPANOL	ND	U	260	ND	U	260	1600	J+	260	47000		2600	85000		2600	30000		2600	12000		2600	8400		2600	44000		2600
	M,P-XYLENES	5900		420	7500		420	79000	J+	1600	63000		4200	71000		4200	43000		4200	82000		4200	61000		4200	110000		4200
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	U	180	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800	ND	U	1800
	METHYLENE CHLORIDE	14000		1700	18000		1700	38000	J+	1700	ND	U	17000	ND	U	17000	ND	U	17000	ND	U	17000	ND	U	17000	ND	U	17000
	NAPHTHALENE	ND	U	200	ND	U	200	ND	U	200	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	2000
	O-XYLENE	2200		210	2900		210	35000	J+	800	16000		2100	19000		2100	12000		2100	24000		2100	15000		2100	30000		2100
	PROPYLENE	ND	U	60	1100		60	3500	J+	60	ND	U	600	18000		600	16000		600	ND	U	600	ND	U	600	11000		600
	STYRENE	ND	U	210	ND	U	210	ND	U	210	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200
	THF	ND	U	160	ND	U	160	ND	U	160	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	1600
	TOLUENE	29000		130	36000		130	120000	J+	800	450000		1300	430000		1300	210000		1300	180000		1300	450000		1300	630000		1300
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	U	94	ND	U	940	ND	U	940	ND	U	940	ND	U	940	ND	U	940	ND	U	940
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	U	140	ND	U	1400	ND	U	1400	ND	U	1400	ND	U	1400	ND	U	1400	ND	U	1400
	TRICHLOROETHENE	ND	U	95	ND	U	95	ND	U	95	ND	U	950	ND	U	950	ND	U	950	ND	U	950	ND	U	950	ND	U	950
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	U	120	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200	ND	U	1200
	VINYL ACETATE	ND	U	210	ND	U	210	ND	U	210	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100	ND	U	2100
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	U	58	ND	U	580	ND	U	580	ND	U	580	ND	U	580	ND	U	580	ND	U	580
	XYLENES	8200		630	10000		630	110000	J+	2400	79000		6300	90000		6300	56000		6300	110000		6300	76000		6300	140000		6300
General Chemistry	CARBON DIOXIDE	0.52		0.025	0.61		0.025	0.78		0.025	6.1		0.025	5.7		0.025	2.7		0.025	0.61		0.025	6.3		0.025	5.2		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	79		0.025	78		0.025	78		0.025	85		0.025	87		0.025	83		0.025	78		0.025	88		0.025	88		0.025
	OXYGEN	20		0.025	20		0.025	20		0.025	6.9		0.025	5.4		0.025	13		0.025	20		0.025	5		0.025	5.5		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-11-100			SVMW-11-250			SVMW-11-250			SVMW-12-150			SVMW-12-250			SVMW-12-350			SVMW-12-450			SVMW-13-150			SVMW-13-250		
	SAMPLE NO	VA0110			VA0111			VA0112			VA0113			VA0114			VA0115			VA0116			VA0117			VA0118		
	SAMPLE DATE	14-Jun-11			14-Jun-11			14-Jun-11			24-May-11			24-May-11			24-May-11			24-May-11			7-Jun-11			7-Jun-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	100-102.5 FT			250-252.5 FT			260-262.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT			150-152.5 FT			250-252.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	100000000	J-	600000	75000000	J-	600000	64000000	J-	600000	39000	J-	1200	1100000	J-	24000	510000	J-	24000	1400000	J-	24000	2500000		940000	130000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	710000	ND	UJ	710000	ND	UJ	710000	2600	J-	1400	ND	UJ	29000	ND	UJ	29000	ND	UJ	29000	ND	U	1100000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	1400000	J-	520000	2000000	J-	520000	1100000	J-	520000	28000	J-	1000	94000	J-	21000	ND	UJ	21000	ND	UJ	21000	ND	U	2000000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	860	ND	U	860	ND	U	860	ND	UJ	4.3	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	1700	ND	U	1700	ND	U	1700	ND	UJ	8.4	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	1600	ND	U	1600	ND	U	1600	ND	UJ	8	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	890	ND	U	890	ND	U	890	ND	UJ	4.4	ND	U	89	ND	U	89	ND	U	89	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	780	ND	U	780	ND	U	780	ND	UJ	3.9	ND	U	78	ND	U	78	ND	U	78	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	2200	ND	U	2200	ND	U	2200	ND	UJ	11	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	2000	ND	U	2000	ND	U	2000	60	J-	9.8	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	1500	ND	U	1500	ND	U	1500	ND	UJ	7.4	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	1700	ND	U	1700	ND	U	1700	ND	UJ	8.3	ND	U	170	ND	U	170	ND	U	170	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	1600	ND	U	1600	ND	U	1600	ND	UJ	7.8	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	1800	ND	U	1800	ND	U	1800	ND	UJ	9	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	1900	ND	U	1900	ND	U	1900	ND	UJ	9.6	ND	U	190	ND	U	190	ND	U	190	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	1600	ND	U	1600	ND	U	1600	ND	UJ	8.1	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	1600	ND	U	1600	ND	U	1600	ND	UJ	7.8	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	1000	ND	U	1000	ND	U	1000	ND	UJ	5.1	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	2-BUTANONE	170000		2300	110000		2300	130000		2300	ND	UJ	11	ND	U	230	ND	U	230	ND	U	230	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	1100	ND	U	1100	ND	U	1100	ND	UJ	5.4	ND	U	110	ND	U	110	ND	U	110	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	1300	ND	U	1300	ND	U	1300	ND	UJ	6.3	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ACETONE	660000		3400	490000		3400	410000		3400	ND	UJ	17	1200		340	ND	U	340	1000		340	2000		340	960		340
	BENZENE	390000		1000	89000		1000	230000		1000	68	J-	5	5100		100	ND	U	100	2200		100	23000		1000	7600		100
	BENZENE, (CHLOROMETHYL)-	ND	U	1200	ND	U	1200	ND	U	1200	ND	UJ	6.2	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	1200	ND	U	1200	ND	U	1200	ND	UJ	6.2	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	BROMOFORM	ND	U	1600	ND	U	1600	ND	U	1600	ND	UJ	7.9	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	600	ND	U	600	ND	U	600	ND	UJ	3	ND	U	60	ND	U	60	ND	U	60	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	740	ND	U	740	ND	U	740	ND	UJ	3.7	ND	U	74	ND	U	74	ND	U	74	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	910	ND	U	910	ND	U	910	ND	UJ	4.6	ND	U	91	ND	U	91	ND	U	91	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	2200	ND	U	2200	ND	U	2200	ND	UJ	11	ND	U	220	ND	U	220	ND	U	220	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	500	ND	U	500	ND	U	500	ND	UJ	2.5	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	1000	ND	U	1000	ND	U	1000	ND	UJ	5	ND	U	100	ND	U	100	ND	U	100	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	830	ND	U	830	ND	U	830	ND	UJ	4.2	ND	U	83	ND	U	83	ND	U	83	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	860	ND	U	860	ND	U	860	ND	UJ	4.3	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	1300	ND	U	1300	ND	U	1300	ND	UJ	6.6	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	CYCLOHEXANE	950000	J-	14000	370000		5500	530000		5500	310	J-	27	6900		550	2500		550	12000		550	32000		5500	20000		550
	DIBROMOCHLOROMETHANE	ND	U	1300	ND	U	1300	ND	U	1300	ND	UJ	6.6	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	690	ND	U	690	ND	U	690	ND	UJ	3.4	ND	U	69	ND	U	69	ND	U	69	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	1200	ND	U	1200	ND	U	1200	ND	UJ	6.1	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	ETHANOL	18000	J	16000	ND	U	16000	ND	U	16000	ND	UJ	78	ND	U	1600	ND	U	1600	ND	U	1600	1900	J	1600	ND	U	1600
	ETHYL ACETATE	ND	U	1300	ND	U	1300	ND	U	1300	ND	UJ	6.3	ND	U	130	ND	U	130	ND	U	130	ND	U	130	ND	U	130
	ETHYLBENZENE	55000		5900	36000		5900	24000		5900	63	J-	29	ND	U	590	ND	U	590	ND	U	590	2100		590	ND	U	590
	FREON 113	ND	U	860	ND	U	860	ND	U	860	ND	UJ	4.3	ND	U	86	ND	U	86	ND	U	86	ND	U	86	ND	U	86
	HEPTANE	580000	J-	5000	430000		2000	380000		2000	200	J-	10	ND	U	200	ND	U	200	ND	U	200	38000		200	9500		200
	HEXACHLOROBUTADIENE	ND	U	3000	ND	U	3000	ND	U	3000	ND	UJ	15	ND	U	300	ND	U	300	ND	U	300	ND	U	300	ND	U	300
	HEXANE	970000	J-	14000	160000		5500	420000		5500	ND	UJ	28	6100		550	2800		550	3600		550	35000		5500	18000		550
	ISOPROPANOL	62000		2600	62000		2600	11000		2600	ND	UJ	13	ND	U	260	ND	U	260	ND	U	260	ND	U	260	ND	U	260
	M,P-XYLENES	120000		4200	100000		4200	71000		4200	170	J-	21	ND	U	420	ND	U	420	ND	U	420	6300		420	1700		420
	METHYL TERT-BUTYL ETHER	ND	U	1800	ND	U	1800	ND	U	1800	ND	UJ	9.1	ND	U	180	ND	U	180	ND	U	180	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	U	17000	ND	U	17000	ND	U	17000	ND	UJ	83	8100		1700	6200		1700	6400		1700	8300		1700	4500		1700
	NAPHTHALENE	ND	U	2000	ND	U	2000	ND	U	2000	ND	UJ	9.9	ND	U	200	ND	U	200	ND	U	200	ND	U	200	ND	U	200
	O-XYLENE	31000		2100	30000		2100	20000		2100	73	J-	10	ND	U	210	ND	U	210	ND	U	210	1800		210	ND	U	210
	PROPYLENE	16000		600	ND	U	600	ND	U	600	ND	UJ	3	ND	U	60	ND	U	60	ND	U	60	5500		60	ND	U	60
	STYRENE	ND	U	2100	ND	U	2100	ND	U	2100	ND	UJ	11	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	1200	ND	U	1200	ND	U	1200	ND	UJ	5.9	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	THF	ND	U	1600	ND	U	1600	310000		1600	ND	UJ	8	ND	U	160	ND	U	160	ND	U	160	ND	U	160	ND	U	160
	TOLUENE	480000	J-	3200	390000		1300	340000		1300	ND	UJ	6.3	ND	U	130	1400		130	1300		130	50000		1300	10000		130
	TRANS-1,2-DICHLOROETHENE	ND	U	940	ND	U	940	ND	U	940	ND	UJ	4.7	ND	U	94	ND	U	94	ND	U	94	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	1400	ND	U	1400	ND	U	1400	ND	UJ	6.8	ND	U	140	ND	U	140	ND	U	140	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	950	ND	U	950	ND	U	950	ND	UJ	4.8	ND	U	95	ND	U	95	ND	U	95	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	1200	ND	U	1200	ND	U	1200	ND	UJ	5.9	ND	U	120	ND	U	120	ND	U	120	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	2100	ND	U	2100	ND	U	2100	ND	UJ	11	ND	U	210	ND	U	210	ND	U	210	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	580	ND	U	580	ND	U	580	ND	UJ	2.9	ND	U	58	ND	U	58	ND	U	58	ND	U	58	ND	U	58
	XYLENES	150000		6300	130000		6300	90000		6300	240	J-	31	ND	U	630	ND	U	630	ND	U	630	8100		630	1700	J	630
General Chemistry	CARBON DIOXIDE	6.1		0.025	0.92		0.025	1		0.025	0.12		0.025	0.19		0.025	0.39		0.025	0.16		0.025	0.31		0.025	0.4		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	86		0.025	79		0.025	79		0.025	77		0.025	76		0.025	78		0.025	77		0.025	79		0.025	81		0.025
	OXYGEN	4.9		0.025	19		0.025	19		0.025	20		0.025	20		0.025	18		0.025	20		0.025	20		0.025	18		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-13-350			SVMW-13-450			SVMW-14-150			SVMW-14-250			SVMW-14-350			SVMW-14-450			SVMW-14-450			SVMW-15-150			SVMW-15-250		
	SAMPLE NO	VA0119			VA0120			VA0121			VA0122			VA0123			VA0124			VA0125			VA0126			VA0127		
	SAMPLE DATE	7-Jun-11			7-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			9-Jun-11			9-Jun-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	350-352.5 FT			450-452.5 FT			150-152.5 FT			250-252.5 FT			350-352.5 FT			450-452.5 FT			450-452.5 FT			150-152.5 FT			250-252.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	220000	J-	94000	3800000		2300000	6100	J-	4700	5700	J-	4700	23000	J-	4700	3100000	J-	940000	2700000	J-	24000	120000		94000	190000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	110000	ND	U	2700000	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	1100000	ND	UJ	29000	ND	U	110000	ND	U	110000
and TO13	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	200000	ND	U	5000000	ND	UJ	10000	ND	UJ	10000	ND	UJ	10000	ND	UJ	2000000	ND	UJ	21000	ND	U	200000	ND	U	200000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86	ND	UJ	1.7	ND	U	4.3	ND	U	4.3	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170	ND	UJ	3.4	ND	U	8.4	ND	U	8.4	ND	UJ	170	ND	UJ	8.4	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160	ND	UJ	3.2	ND	U	8	ND	U	8	ND	UJ	160	ND	UJ	8	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89	ND	UJ	1.8	ND	U	4.4	ND	U	4.4	ND	UJ	89	ND	UJ	4.4	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78	ND	UJ	1.6	ND	U	3.9	ND	U	3.9	ND	UJ	78	ND	UJ	3.9	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220	ND	UJ	4.3	ND	U	11	ND	U	11	ND	UJ	220	ND	UJ	11	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	200	2000		200	ND	UJ	3.9	ND	U	9.8	ND	U	9.8	ND	UJ	200	ND	UJ	9.8	ND	U	200	ND	U	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150	ND	UJ	3	ND	U	7.4	ND	U	7.4	ND	UJ	150	ND	UJ	7.4	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170	ND	UJ	3.3	ND	U	8.3	ND	U	8.3	ND	UJ	170	ND	UJ	8.3	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160	ND	UJ	3.1	ND	U	7.8	ND	U	7.8	ND	UJ	160	ND	UJ	7.8	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180	ND	UJ	3.6	ND	U	9	ND	U	9	ND	UJ	180	ND	UJ	9	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	190	1100		190	ND	UJ	3.8	ND	U	9.6	ND	U	9.6	ND	UJ	190	ND	UJ	9.6	ND	U	190	ND	U	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	UJ	3.2	ND	U	8.1	ND	U	8.1	ND	UJ	160	ND	UJ	8.1	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160	ND	UJ	3.1	ND	U	7.8	ND	U	7.8	ND	UJ	160	ND	UJ	7.8	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	100	ND	U	100	ND	UJ	2	ND	U	5.1	ND	U	5.1	ND	UJ	100	ND	UJ	5.1	ND	U	100	ND	U	100
	2-BUTANONE	ND	U	230	ND	U	230	ND	UJ	4.6	ND	U	11	ND	U	11	ND	UJ	230	ND	UJ	11	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	110	ND	U	110	ND	UJ	2.2	ND	U	5.4	ND	U	5.4	ND	UJ	110	ND	UJ	5.4	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130	ND	UJ	2.5	ND	U	6.3	ND	U	6.3	ND	UJ	130	ND	UJ	6.3	ND	U	130	ND	U	130
	ACETONE	830		340	ND	U	340	25	J-	6.9	ND	U	17	ND	U	17	1000	J-	340	ND	UJ	17	ND	U	340	ND	U	340
	BENZENE	27000		100	41000		800	ND	UJ	2	ND	U	5	ND	U	5	14000	J-	100	ND	UJ	5	1700		100	5500		100
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120	ND	UJ	2.5	ND	U	6.2	ND	U	6.2	ND	UJ	120	ND	UJ	6.2	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120	ND	UJ	2.5	ND	U	6.2	ND	U	6.2	ND	UJ	120	ND	UJ	6.2	ND	U	120	ND	U	120
	BROMOFORM	ND	U	160	ND	U	160	ND	UJ	3.2	ND	U	7.9	ND	U	7.9	ND	UJ	160	ND	UJ	7.9	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	60	ND	U	60	ND	UJ	1.2	ND	U	3	ND	U	3	ND	UJ	60	ND	UJ	3	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	74	ND	U	74	ND	UJ	1.5	ND	U	3.7	ND	U	3.7	ND	UJ	74	ND	UJ	3.7	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91	57	J-	1.8	45		4.6	ND	U	4.6	ND	UJ	91	ND	UJ	4.6	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	220	ND	U	220	ND	UJ	4.4	ND	U	11	ND	U	11	ND	UJ	220	ND	UJ	11	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	50	ND	U	50	ND	UJ	1	ND	U	2.5	ND	U	2.5	ND	UJ	50	ND	UJ	2.5	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	100	ND	U	100	ND	UJ	2	ND	U	5	ND	U	5	ND	UJ	100	ND	UJ	5	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	83	ND	U	83	ND	UJ	1.7	ND	U	4.2	ND	U	4.2	ND	UJ	83	ND	UJ	4.2	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86	ND	UJ	1.7	ND	U	4.3	ND	U	4.3	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130	ND	UJ	2.7	ND	U	6.6	ND	U	6.6	ND	UJ	130	ND	UJ	6.6	ND	U	130	ND	U	130
	CYCLOHEXANE	6200		800	37000		800	ND	UJ	11	ND	U	27	ND	U	27	29000	J-	550	ND	UJ	27	2900		550	5900		550
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130	ND	UJ	2.6	ND	U	6.6	ND	U	6.6	ND	UJ	130	ND	UJ	6.6	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69	ND	UJ	1.4	ND	U	3.4	ND	U	3.4	ND	UJ	69	ND	UJ	3.4	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	120	ND	U	120	ND	UJ	2.4	ND	U	6.1	ND	U	6.1	ND	UJ	120	ND	UJ	6.1	ND	U	120	ND	U	120
	ETHANOL	ND	U	1600	ND	U	1600	ND	UJ	31	ND	U	78	ND	U	78	ND	UJ	1600	ND	UJ	78	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	130	ND	U	130	ND	UJ	2.5	ND	U	6.3	ND	U	6.3	ND	UJ	130	ND	UJ	6.3	ND	U	130	ND	U	130
	ETHYLBENZENE	1000	J	590	6100		590	ND	UJ	12	ND	U	29	ND	U	29	ND	UJ	590	ND	UJ	29	ND	U	590	ND	U	590
	FREON 113	ND	U	86	ND	U	86	53	J-	1.7	ND	U	4.3	ND	U	4.3	ND	UJ	86	ND	UJ	4.3	ND	U	86	ND	U	86
	HEPTANE	27000		200	8000		800	ND	UJ	4	ND	U	10	ND	U	10	21000	J-	200	ND	UJ	10	2600		200	2500		200
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300	ND	UJ	6	ND	U	15	ND	U	15	ND	UJ	300	ND	UJ	15	ND	U	300	ND	U	300
	HEXANE	5400		800	32000		800	ND	UJ	11	ND	U	28	ND	U	28	32000	J-	550	ND	UJ	28	2200		550	3900		550
	ISOPROPANOL	ND	U	260	ND	U	260	ND	UJ	5.3	ND	U	13	ND	U	13	ND	UJ	260	ND	UJ	13	ND	U	260	ND	U	260
	M,P-XYLENES	3500		420	21000		420	ND	UJ	8.4	ND	U	21	ND	U	21	1200	J-	420	ND	UJ	21	1800		420	2600		420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180	ND	UJ	3.6	ND	U	9.1	ND	U	9.1	ND	UJ	180	ND	UJ	9.1	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	2900	J	1700	3100	J	1700	ND	UJ	33	ND	U	83	ND	U	83	4500	J-	1700	ND	UJ	83	5700		1700	5300		1700
	NAPHTHALENE	ND	U	200	ND	U	200	ND	UJ	4	ND	U	9.9	ND	U	9.9	ND	UJ	200	ND	UJ	9.9	ND	U	200	ND	U	200
	O-XYLENE	1200		210	7500		210	ND	UJ	4.1	ND	U	10	ND	U	10	ND	UJ	210	ND	UJ	10	ND	U	210	960		210
	PROPYLENE	1000		60	10000		60	18	J-	1.2	ND	U	3	ND	U	3	ND	UJ	60	160	J-	3	ND	U	60	ND	U	60
	STYRENE	ND	U	210	ND	U	210	ND	UJ	4.2	ND	U	11	ND	U	11	ND	UJ	210	ND	UJ	11	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	120	ND	U	120	ND	UJ	2.4	ND	U	5.9	ND	U	5.9	ND	UJ	120	ND	UJ	5.9	ND	U	120	ND	U	120
	THF	ND	U	160	ND	U	160	ND	UJ	3.2	ND	U	8	ND	U	8	ND	UJ	160	ND	UJ	8	ND	U	160	ND	U	160
	TOLUENE	22000		130	14000		800	540		2.5	ND	U	6.3	ND	U	6.3	16000	J-	130	ND	UJ	6.3	4500		130	10000		130
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94	ND	UJ	1.9	ND	U	4.7	ND	U	4.7	ND	UJ	94	ND	UJ	4.7	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140	ND	UJ	2.7	ND	U	6.8	ND	U	6.8	ND	UJ	140	ND	UJ	6.8	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	95	ND	U	95	17	J-	1.9	ND	U	4.8	ND	U	4.8	ND	UJ	95	ND	UJ	4.8	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120	ND	UJ	2.4	ND	U	5.9	ND	U	5.9	ND	UJ	120	ND	UJ	5.9	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	210	ND	U	210	ND	UJ	4.3	ND	U	11	ND	U	11	ND	UJ	210	ND	UJ	11	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	58	ND	U	58	ND	UJ	1.2	ND	U	2.9	ND	U	2.9	ND	UJ	58	ND	UJ	2.9	ND	U	58	ND	U	58
	XYLENES	4700		630	28000		630	ND	UJ	13	ND	U	31	ND	U	31	1200	J-	630	ND	UJ	31	1800	J	630	3600		630
General Chemistry	CARBON DIOXIDE	0.88		0.025	0.33		0.025	0.16		0.025	0.15		0.025	0.12		0.025	0.98		0.025	0.91		0.025	0.19		0.025	0.25		0.025
Method D2504	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
(Percent)	METHANE	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025	ND	U	0.025
	NITROGEN	81		0.025	80		0.025	78		0.025	79		0.025	78		0.025	84		0.025	84		0.025	79		0.025	80		0.025
	OXYGEN	18		0.025	19		0.025	21		0.025	21		0.025	21		0.025	14		0.025	14		0.025	19		0.025	19		0.025

Table 4-4
Soil Vapor Analytical Results, April - June 2011

	LOCATION CODE	SVMW-15-350			SVMW-15-450		
	SAMPLE NO	VA0128			VA0129		
	SAMPLE DATE	9-Jun-11			9-Jun-11		
	SAMPLE PURPOSE	REG			REG		
	SAMPLE DEPTH	350-352.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	Result	Validation Qualifier	RL	Result	Validation Qualifier	RL
TPH (µg/m3) Method MA DEP APH and TO13	C5-C8 ALIPHATIC HYDROCARBONS	9100000		940000	57000000	J-	600000
	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	ND	UJ	710000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	2000000	ND	UJ	520000
VOCs (ppbv) Method TO 15	1,1,1-TRICHLOROETHANE	ND	U	86	ND	U	86
	1,1,2,2-TETRACHLOROETHANE	ND	U	170	ND	U	170
	1,1,2-TRICHLOROETHANE	ND	U	160	ND	U	160
	1,1-DICHLOROETHANE	ND	U	89	ND	U	89
	1,1-DICHLOROETHENE	ND	U	78	ND	U	78
	1,2,4-TRICHLOROBENZENE	ND	U	220	ND	U	220
	1,2,4-TRIMETHYLBENZENE	ND	U	200	1800	J+	200
	1,2-DIBROMOETHANE	ND	U	150	ND	U	150
	1,2-DICHLOROBENZENE	ND	U	170	ND	U	170
	1,2-DICHLOROETHANE	ND	U	160	ND	U	160
	1,2-DICHLOROPROPANE	ND	U	180	ND	U	180
	1,3,5-TRIMETHYLBENZENE	ND	U	190	1200	J+	190
	1,3-DICHLOROBENZENE	ND	U	160	ND	U	160
	1,4-DICHLOROBENZENE	ND	U	160	ND	U	160
	1,4-DIOXANE	ND	U	100	ND	U	100
	2-BUTANONE	ND	U	230	ND	U	230
	2-HEXANONE	ND	U	110	ND	U	110
	4-METHYL-2-PENTANONE	ND	U	130	ND	U	130
	ACETONE	820		340	1600	J+	340
	BENZENE	50000		4000	190000	J+	1000
	BENZENE, (CHLOROMETHYL)-	ND	U	120	ND	U	120
	BROMODICHLOROMETHANE	ND	U	120	ND	U	120
	BROMOFORM	ND	U	160	ND	U	160
	BROMOMETHANE	ND	U	60	ND	U	60
	CARBON DISULFIDE	ND	U	74	ND	U	74
	CARBON TETRACHLORIDE	ND	U	91	ND	U	91
	CHLOROBENZENE	ND	U	220	ND	U	220
	CHLOROETHANE	ND	U	50	ND	U	50
	CHLOROFORM	ND	U	100	ND	U	100
	CHLOROMETHANE	ND	U	83	ND	U	83
	CIS-1,2-DICHLOROETHENE	ND	U	86	ND	U	86
	CIS-1,3-DICHLOROPROPENE	ND	U	130	ND	U	130
	CYCLOHEXANE	180000		4000	390000	J+	5500
	DIBROMOCHLOROMETHANE	ND	U	130	ND	U	130
	DICHLORODIFLUOROMETHANE	ND	U	69	ND	U	69
	ERYTHRENE	ND	U	120	ND	U	120
	ETHANOL	ND	U	1600	ND	U	1600
	ETHYL ACETATE	ND	U	130	ND	U	130
	ETHYLBENZENE	4800		590	21000	J+	590
	FREON 113	ND	U	86	ND	U	86
	HEPTANE	88000		4000	250000	J+	2000
	HEXACHLOROBUTADIENE	ND	U	300	ND	U	300
	HEXANE	180000		4000	420000	J+	5500
	ISOPROPANOL	ND	U	260	ND	U	260
	M,P-XYLENES	9800		420	52000	J+	420
	METHYL TERT-BUTYL ETHER	ND	U	180	ND	U	180
	METHYLENE CHLORIDE	ND	U	1700	ND	UJ	1700
	NAPHTHALENE	ND	U	200	ND	U	200
	O-XYLENE	2100		210	17000	J+	210
	PROPYLENE	21000		60	24000	J+	60
	STYRENE	ND	U	210	ND	U	210
	TETRACHLOROETHENE	ND	U	120	ND	U	120
	THF	ND	U	160	ND	U	160
	TOLUENE	67000		4000	240000	J+	1300
	TRANS-1,2-DICHLOROETHENE	ND	U	94	ND	U	94
	TRANS-1,3-DICHLOROPROPENE	ND	U	140	ND	U	140
	TRICHLOROETHENE	ND	U	95	ND	U	95
	TRICHLOROFLUOROMETHANE	ND	U	120	ND	U	120
	VINYL ACETATE	ND	U	210	ND	U	210
	VINYL CHLORIDE	ND	U	58	ND	U	58
	XYLENES	12000		630	69000	J+	630
General Chemistry Method D2504 (Percent)	CARBON DIOXIDE	0.4		0.025	0.73		0.025
	CARBON MONOXIDE	ND	U	0.025	ND	U	0.025
	METHANE	ND	U	0.025	ND	U	0.025
	NITROGEN	81		0.025	79		0.025
	OXYGEN	17		0.025	18		0.025

Table 4-4
Soil Vapor Analytical Results, January - March 2011

Notes:

[a] EPA analytical methods listed are for the most recent sampling event.

Shading indicates the analyte was detected.

J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MDL).

J+ = estimated value, concentration is less than PQL but greater than laboratory MDL; biased high.

J- = estimated value, concentration is less than PQL but greater than laboratory MDL; biased low.

U = Analyte was not detected. The reported numerical value is at or below the MDL.

UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.

N/A = Not applicable.

ND = Not detected.

NM = Not measured.

RL = Reporting limit.

Blank cell = No results or no data.

Table 5-1
Comparison of Top of Screen and June 2011 Groundwater Elevations

LOCATION_ID	Top of Screen Elevation (ft)	Groundwater Elevation (ft)[1]	Difference (ft)
KAFB-1061	4858.76	4856.90	1.86
KAFB-1062	4860.75	4857.28	3.47
KAFB-1063	4861.07	4853.35	7.72
KAFB-1064	4859.01	4856.85	2.16
KAFB-1065	4864.995	4857.04	7.95
KAFB-1066	4865.215	4856.95	8.26
KAFB-1067	4860.15	4857.52	2.63
KAFB-1068	4862.9	4857.18	5.72
KAFB-1069	4864.79	4857.03	7.76
KAFB-10610	4860.33	4856.47	3.86
KAFB-10611	4864.03	4856.68	7.35
KAFB-10612	4861.73	4856.23	5.50
KAFB-10613	4861.11	4856.40	4.71
KAFB-10614	4861.33	4856.78	4.55
KAFB-10615	4854.63	4853.96	0.67
KAFB-10616	4864.23	4857.75	6.48
KAFB-10617	4857.16	4855.76	1.40
KAFB-10618	4857.005	4855.98	1.03
KAFB-10619	4858.875	4855.97	2.90
KAFB-10620	4859.09	4855.97	3.12
KAFB-10621	4856.4	4855.73	0.67
KAFB-10622	4856.02	4855.06	0.96
KAFB-10623	4855.9	4855.56	0.34
KAFB-10624	4862.26	4857.35	4.91
KAFB-10625	4852.3	4854.66	-2.36
KAFB-10626	4856.67	4853.77	2.90
KAFB-10627	4864.4	4858.14	6.26
KAFB-10628-510	4860.86	4852.76	8.10
KAFB-106029	4860.915	4855.11	5.81
KAFB-106046	4862.83	4857.07	5.76
KAFB-106049	4859.11	4854.72	4.39
KAFB-106059	4861.67	4856.68	4.99
KAFB-106064	4862.9	4856.91	5.99
KAFB-106067	4862.56	4856.33	6.23
KAFB-106070	4858.455	4855.25	3.20
KAFB-106075	4860.51	4856.09	4.42
KAFB-106076	4864.82	4856.13	8.69
KAFB-106079	4861.64	4856.74	4.90
KAFB-106082	4862.79	4855.90	6.89
KAFB-106088	4864.265	4855.34	8.93
KAFB-3411	4863.35	4857.31	6.04

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-3			KAFB-15			KAFB16			KAFB-1061			KAFB-1062			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1067		
			SAMPLE_NO		GW0109			GW0110			GW0111			GW40			GW41			GW42			GW43			GW44			GW47		
			SAMPLE_DATE		5-Apr-11			5-Apr-11			2-Jun-11			6-Apr-11			11-Apr-11			11-Apr-11			29-Apr-11			13-Apr-11			4-Apr-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH		Unknown			Unknown			0-0 ft			483-508 ft			479-504 ft			479-505 ft			476-503 ft			484-509 ft			484-509 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				ND	U	94.3	ND	U	94.3	ND	U	94.3	ND	U	92.6	ND	U	94.3	ND	U	94.3	ND	U	94.3	ND	U	96.2	ND	U	94.3
Method 8015B	GASOLINE RANGE ORGANICS				64.3	J	1	102	J	1	ND	U	1	122	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	129	J	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	ND	U	0.02	ND	U	0.02	ND	U	0.0186	ND	U	0.828	ND	U	0.0187	ND	U	0.0192	ND	U	0.0191	ND	U	0.0188	ND	U	0.02
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	BENZENE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	**5.82**		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	UJ	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.868	J	1
	ETHYLBENZENE	750		7	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	0.408	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	M,P-XYLENES				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.651	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	0.284	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.341	J	0.5
	TOLUENE	750		750	ND	U	0.5	ND	U	0.5	ND	U	0.5	1.29		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.334	J	0.5	0.279	J	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	UJ	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	UJ	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-3			KAFB-15			KAFB16			KAFB-1061			KAFB-1062			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1067		
			SAMPLE_NO		GW0109			GW0110			GW0111			GW40			GW41			GW42			GW43			GW44			GW47		
			SAMPLE_DATE		5-Apr-11			5-Apr-11			2-Jun-11			6-Apr-11			11-Apr-11			11-Apr-11			29-Apr-11			13-Apr-11			4-Apr-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			REG			FD			REG			REG			REG		
			SAMPLE_DEPTH		Unknown			Unknown			0-0 ft			483-508 ft			479-504 ft			479-505 ft			476-503 ft			484-509 ft			484-509 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	UJ	2.4	ND	U	2.36
	1,2-DIPHENYLHYDRAZINE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2,4,5-TRICHLOROPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2,4,6-TRICHLOROPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2,4-DICHLOROPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2,4-DIMETHYLPHENOL				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	2,4-DINITROPHENOL				ND	U	23.6	ND	U	24	ND	U	23.4	ND	U	23.6	ND	U	24.5	ND	U	24	ND	U	23.6	ND	U	24	ND	U	23.6
	2,4-DINITROTOLUENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2,6-DINITROTOLUENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2-CHLORONAPHTHALENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2-CHLOROPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2-METHYLPHENOL				ND	U	2.36	ND	UJ	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2-NITROANILINE				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	2-NITROPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	3,3'-DICHLOROBENZIDINE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	3-NITROANILINE				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	4,6-DINITRO-2-METHYLPHENOL				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	4-CHLORO-3-METHYLPHENOL				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	4-CHLOROANILINE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	4-NITROANILINE				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	4-NITROPHENOL				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	ACETOPHENONE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	ATRAZINE				ND	U	2.36	ND	UJ	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZALDEHYDE				ND	UJ	2.36	ND	UJ	2.4	ND	UJ	2.34	ND	UJ	2.36	ND	UJ	2.45	ND	UJ	2.4	ND	U	2.36	ND	UJ	2.4	ND	UJ	2.36
	BENZIDINE				ND	U	23.6	ND	U	24	ND	U	23.4	ND	U	23.6	ND	U	24.5	ND	U	24	ND	U	23.6	ND	U	24	ND	U	23.6
	BENZOIC ACID				ND	U	23.6	ND	U	24	ND	U	23.4	ND	U	23.6	ND	UJ	24.5	ND	UJ	24	ND	U	23.6	ND	U	24	ND	U	23.6
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BIS(2-CHLOROISOPROPYL)ETHER				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BUTYL BENZYL PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	CAPROLACTAM				ND	UJ	2.36	ND	UJ	2.4	ND	UJ	2.34	ND	UJ	2.36	ND	UJ	2.45	ND	UJ	2.4	ND	UJ	2.36	ND	UJ	2.4	ND	UJ	2.36
	CARBAZOLE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DIBENZOFURAN				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DIETHYL PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DIMETHYL PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DI-N-BUTYL PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DI-N-OCTYL PHTHALATE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	HEXACHLOROBENZENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	HEXACHLOROBUTADIENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	HEXACHLOROETHANE				ND	UJ	2.36	ND	UJ	2.4	ND	U	2.34	ND	UJ	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	ISOPHORONE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	NITROBENZENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	N-NITROSO-DI-N-PROPYLAMINE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	N-NITROSODIPHENYLAMINE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	PENTACHLOROPHENOL				ND	U	9.43	ND	U	9.62	ND	U	9.35	ND	U	9.43	ND	U	9.8	ND	U	9.62	ND	U	9.43	ND	U	9.62	ND	U	9.43
	PHENOL			5	ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	2-METHYLNAPHTHALENE			30	ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	ACENAPHTHENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	ACENAPHTHYLENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	ANTHRACENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZO(A)ANTHRACENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZO(A)PYRENE	0.7		0.2	ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZO(B)FLUORANTHENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZO(GHI)PERYLENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	BENZO(K)FLUORANTHENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	CHRYSENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	DIBENZO(A,H)ANTHRACENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	FLUORANTHENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	FLUORENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	INDENO(1,2,3-CD)PYRENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	UJ	2.36	ND	U	2.4	ND	U	2.36
	NAPHTHALENE (Method 8260B)			30	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36
	PYRENE				ND	U	2.36	ND	U	2.4	ND	U	2.34	ND	U	2.36	ND	U	2.45	ND	U	2.4	ND	U	2.36	ND	U	2.4	ND	U	2.36

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-3			KAFB-15			KAFB16			KAFB-1061			KAFB-1062			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1067		
				SAMPLE_NO	GW0109			GW0110			GW0111			GW40			GW41			GW42			GW43			GW44			GW47		
				SAMPLE_DATE	5-Apr-11			5-Apr-11			2-Jun-11			6-Apr-11			11-Apr-11			11-Apr-11			29-Apr-11			13-Apr-11			4-Apr-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG		
				SAMPLE_DEPTH	Unknown			Unknown			0-0 ft			483-508 ft			479-504 ft			479-505 ft			476-503 ft			484-509 ft			484-509 ft		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				46.4		2	31.7		2	47.1		2	46.5		2	45.3		2	42.8		2	91.8		2	63.7		2	54.5		2
Method 6010	IRON, DISSOLVED	1		0.3	ND	U	0.06	ND	U	0.06	ND	U	0.06	0.126		0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				5.3		3	6.88		3	4.78	J	3	6.55		3	6.13		3	5.91		3	13.5		3	8.6		3	6.72		3
	MANGANESE, DISSOLVED	0.2		0.05	ND	U	0.6	0.0252		0.6	**0.662**	J	0.6	**0.351**		0.6	**0.433**	J+	0.6	**0.364**	J+	0.6	ND	U	0.6	ND	U	0.6	0.0132	J	0.6
	POTASSIUM				2.36	J	3	6.33		3	3.49	J	3	2.37	J	3	2.66	J	3	2.59	J	3	4.19	J	3	2.9	J	3	2.46	J	3
	SODIUM				24.2		3	37.5		3	29		3	23.2		3	26.2		3	24.9		3	49.4	J+	3	27.1		3	28		3
Anions (mg/L)	CHLORIDE	250		250	27.2		0.33	47		0.33	53.3		0.33	13.6		0.33	17		0.33	17.2		0.33	99.6			44.7		0.33	11.7		0.33
Method E3.0	NITRATE (Calculated)	10		10																											
	NITRATE	10		10	0.582		0.1	ND	U	0.1	ND	U	0.1	0.039	J	0.1	0.677		0.1	0.684		0.1				3.13		0.1	0.464		0.1
	NITRATE (Method E353.2)	10		10																			3.14								
	NITRITE (Method SM45NO2B)																						ND	U							
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4																				3.14								
	SULFATE	250		250	36.3		1	33.5		1	31.3		1	31.8		1	40.3		1	40.6		1	159			92.8		1	33.4		1
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U	1.79	ND	U	1.72	ND	U	1.72	ND	U	1.75	ND	U	1.85	ND	U	1.69	ND	U		ND	U	1.79	ND	U	1.85
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				112		1	94		1	78.3		1	158		1	98.8		1	96.9		1	76.8			88.2		1	163		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U		ND	U	1	ND	U	1
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U	0.15	ND	U	0.15	ND	U	0.15	0.116	J	0.15	ND	U	0.15	ND	U	0.15	ND	U		ND	U	0.15	ND	U	0.15
Field Parameters	Temperature (°C)				19.90			26.69			27.38			19.47			18.41			18.41			18.89			18.76			18.44		
	pH (S.U.)				7.90			7.97			7.59			7.38			7.74			7.74			7.74			7.67			7.42		
	Spec Cond (µS/cm2)				372.1			402.1			406.7			400.7			354.6			354.6			813.9			525.9			353.5		
	DO (mg/L)				7.15			4.42			4.57			2.49			3.96			3.96			7.47			5.52			3.59		
	ORP (mV)				160			140			160			-110			150			150			140			160			100		
	Turbidity (NTU)				0.64			0.58			0.28			1.30			0.47			0.47			1.59			0.84			0.87		
	Alkalinity (mg/L as CaCO3)				130			140			64			140			135			135			85			108			140		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water. Concentrations exceeding background are shown in italics, if applicable.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mexico Water Quality Control Commission (WQCC) Regulations as denoted by "*". Concentrations exceeding standards ar**BOLD**.
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE			KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10612			KAFB-10613			KAFB-10614			KAFB-10615			KAFB-106016			KAFB-10617		
			SAMPLE_NO			GW49			GW50			GW52			GW53			GW54			GW55			GW56			GW57			GW58		
			SAMPLE_DATE			13-May-11			26-May-11			13-Apr-11			12-Apr-11			8-Apr-11			13-May-11			14-Apr-11			7-Apr-11			27-Apr-11		
			SAMPLE_PURPOSE			REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH			480-505 ft			483-508 ft			486-511 ft			480_5-505_5 ft_			486_5-511_5 ft			486-511 ft			485-510 ft			475-5 ft			482-507 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				178		943	580		1890	ND	U	94.3	ND	U	96.2	ND	U	94.3	307		1870	ND	U	94.3	ND	U	96.2	ND	U	96.2
Method 8015B	GASOLINE RANGE ORGANICS				216		10	380		10	ND	U	1	ND	U	1	ND	U	1	407		10	58.2	J	1	ND	U	1	ND	U	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	50	ND	UJ	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				134		25	284		125	ND	U	0.5	ND	U	0.5	ND	U	0.5	257		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	50	ND	U	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	ND	U	25	**128**	J	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	**232**		25	ND	U	0.5	ND	U	0.5	**0.811**	J	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	**6.49**		0.187	**167**		3.63	ND	U	0.0188	ND	U	0.0189	ND	U	0.019				ND	U	0.0189	ND	U	0.02	**0.804**		0.0186
	1,2-DICHLOROBENZENE			6	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				78.7		25	102	J	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	88.1		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	250	797	J	1250	ND	U	5	ND	U	5	ND	U	5	1270		250	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	125	ND	U	625	ND	U	2.5	ND	U	2.5	ND	U	2.5	385		125	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				191	J	125	ND	U	625	ND	U	2.5	ND	U	2.5	ND	U	2.5	247	J	125	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	250	3740	J-	1250	ND	U	5	ND	U	5	ND	U	5	3620		250	ND	U	5	ND	U	5	ND	U	5
	BENZENE	10		5	**8330**		25	**6180**		125	ND	U	0.5	ND	U	0.5	ND	U	0.5	**6670**		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	50	ND	U	250	ND	U	1	ND	UJ	1	ND	UJ	1	ND	U	50	ND	U	1	ND	UJ	1	ND	U	1
	CARBON DISULFIDE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	50	ND	U	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	50	ND	U	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	0.795	J	1
	ETHYLBENZENE	750		7	**863**		25	**1260**		125	ND	U	0.5	ND	U	0.5	ND	U	0.5	**1060**		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				75.5		25	103	J	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	109		25	ND	U	0.5	ND	U	0.5	0.803	J	0.5
	M,P-XYLENES				80.4	J	50	1640		250	ND	U	1	ND	U	1	ND	U	1	1940		50	ND	U	1	ND	U	1	0.547	J	1
	METHYL TERT-BUTYL ETHER				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	50	**449**	J	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	15.2	J	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				67.3		25	136	J	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	97.6		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				169		25	975		125	ND	U	0.5	ND	U	0.5	ND	U	0.5	863		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				14.3	J	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	16.2	J	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				14.3	J	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	0.286	J	0.5
	TOLUENE	750		750	172		25	114		125	ND	U	0.5	ND	U	0.5	ND	U	0.5	112		50	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	25	ND	U	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	50	ND	U	250	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	25	ND	U	125	ND	UJ	0.5	ND	U	0.5	ND	U	0.5	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

					LOCATION_CODE	KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10612			KAFB-10613			KAFB-10614			KAFB-10615			KAFB-106016			KAFB-10617		
					SAMPLE_NO	GW49			GW50			GW52			GW53			GW54			GW55			GW56			GW57			GW58		
					SAMPLE_DATE	13-May-11			26-May-11			13-Apr-11			12-Apr-11			8-Apr-11			13-May-11			14-Apr-11			7-Apr-11			27-Apr-11		
					SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
					SAMPLE_DEPTH	480-505 ft			483-508 ft			486-511 ft			480_5-505_5 ft_			486_5-511_5 ft			486-511 ft			485-510 ft			475-5 ft			482-507 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	UJ	2.45	ND	U	2.31
	1,2-DIPHENYLHYDRAZINE				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2,4,5-TRICHLOROPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2,4,6-TRICHLOROPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2,4-DICHLOROPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2,4-DIMETHYLPHENOL				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	2,4-DINITROPHENOL				ND	U	250	ND	U	118	ND	U	23.6	ND	U	24	ND	U	24	ND	U	240	ND	U	23.6	ND	U	24.5	ND	U	23.1
	2,4-DINITROTOLUENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2,6-DINITROTOLUENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2-CHLORONAPHTHALENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2-CHLOROPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2-METHYLPHENOL				286		25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2-NITROANILINE				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	2-NITROPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	3,3'-DICHLOROBENZIDINE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	UJ	2.45	ND	U	2.31
	3-METHYLPHENOL AND 4-METHYLPHENOL				19.8	J	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	3-NITROANILINE				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	4,6-DINITRO-2-METHYLPHENOL				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	4-BROMOPHENYL PHENYL ETHER				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	4-CHLORO-3-METHYLPHENOL				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	4-CHLOROANILINE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	4-CHLOROPHENYL PHENYL ETHER				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	4-NITROANILINE				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	4-NITROPHENOL				ND	U	1	ND	U	47.2	ND	UJ	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	UJ	9.43	ND	U	9.8	ND	U	9.26
	ACETOPHENONE				127		25	3640		236	ND	U	2.36	ND	U	2.4	ND	U	2.4	5350		240	ND	U	2.36	ND	U	2.45	ND	U	2.31
	ATRAZINE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZALDEHYDE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	UJ	2.4	ND	UJ	2.4	ND	U	24	ND	U	2.36	ND	UJ	2.45	ND	U	2.31
	BENZIDINE				ND	U	250	ND	U	118	ND	U	23.6	ND	U	24	ND	U	24	ND	U	240	ND	U	23.6	ND	U	24.5	ND	U	23.1
	BENZOIC ACID				ND	U	250	ND	U	118	ND	U	23.6	ND	UJ	24	ND	U	24	ND	U	240	ND	U	23.6	ND	U	24.5	ND	U	23.1
	BIS(2-CHLOROETHOXY)METHANE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BIS(2-CHLOROETHYL)ETHER				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BIS(2-CHLOROISOPROPYL)ETHER				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	UJ	2.31
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BUTYL BENZYL PHTHALATE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	CAPROLACTAM				ND	UJ	25	ND	UJ	11.8	ND	UJ	2.36	ND	UJ	2.4	ND	UJ	2.4	ND	UJ	24	ND	UJ	2.36	ND	UJ	2.45	ND	UJ	2.31
	CARBAZOLE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DIBENZOFURAN				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DIETHYL PHTHALATE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DIMETHYL PHTHALATE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DI-N-BUTYL PHTHALATE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DI-N-OCTYL PHTHALATE				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	HEXACHLOROBENZENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	HEXACHLOROBUTADIENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	UJ	2.45	ND	UJ	2.31
	HEXACHLOROCYCLOPENTADIENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	HEXACHLOROETHANE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	UJ	2.45	ND	UJ	2.31
	ISOPHORONE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	UJ	2.31
	NITROBENZENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	N-NITROSO-DI-N-PROPYLAMINE				ND	UJ	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	UJ	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	N-NITROSODIPHENYLAMINE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	UJ	2.31
	PENTACHLOROPHENOL				ND	U	1	ND	U	47.2	ND	U	9.43	ND	U	9.62	ND	U	9.62	ND	U	96.2	ND	U	9.43	ND	U	9.8	ND	U	9.26
	PHENOL			5	ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	22.6	J	25	26.7		11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	24.5	J	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	2-METHYLNAPHTHALENE			30	23.6	J	25	**30.7**		11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	27.7	J	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	ACENAPHTHENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	ACENAPHTHYLENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	UJ	2.31
	ANTHRACENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZO(A)ANTHRACENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZO(A)PYRENE	0.7		0.2	ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZO(B)FLUORANTHENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZO(GHI)PERYLENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	BENZO(K)FLUORANTHENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	CHRYSENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	DIBENZO(A,H)ANTHRACENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	FLUORANTHENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	FLUORENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	INDENO(1,2,3-CD)PYRENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	UJ	2.31
	NAPHTHALENE (Method 8260B)			30	**92.5**		25	**329**	J-	125	ND	U	0.5	ND	U	0.5	ND	U	0.5	**98.3**		25	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31
	PYRENE				ND	U	25	ND	U	11.8	ND	U	2.36	ND	U	2.4	ND	U	2.4	ND	U	24	ND	U	2.36	ND	U	2.45	ND	U	2.31

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10612			KAFB-10613			KAFB-10614			KAFB-10615			KAFB-106016			KAFB-10617		
				SAMPLE_NO	GW49			GW50			GW52			GW53			GW54			GW55			GW56			GW57			GW58		
				SAMPLE_DATE	13-May-11			26-May-11			13-Apr-11			12-Apr-11			8-Apr-11			13-May-11			14-Apr-11			7-Apr-11			27-Apr-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
				SAMPLE_DEPTH	480-505 ft			483-508 ft			486-511 ft			480_5-505_5 ft_			486_5-511_5 ft			486-511 ft			485-510 ft			475-5 ft			482-507 ft		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				124		2	76.1		2	36.5		2	103		2	46.4		2	63.8		2	41.3		2	36.2		2	41.9		2
Method 6010	IRON, DISSOLVED	1		0.3	**1.64**		0.06	0.0767	J	0.06	ND	U	0.06	0.041	J	0.06	0.0632	J	0.06	**0.832**		0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06
	LEAD				0.15	J	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				18.2		3	10		3	4.5	J	3	13.9		3	6.07		3	8.18		3	4.79	J	3	5.04		3	5.33		3
	MANGANESE, DISSOLVED	0.2		0.05	**5.39**		0.6	**0.949**		0.6	**0.681**	J	0.6	**0.0924**		0.6	0.0208		0.6	**1.01**		0.6	**0.357**	J	0.6	0.0336		0.6	0.0406		0.6
	POTASSIUM				4.14	J	3	3.18	J	3	2.11	J	3	3.49	J	3	2.36	J	3	2.82	J	3	2.14	J	3	2.27	J	3	2.45	J	3
	SODIUM				38.3		3	34.1		3	23.4		3	40.5		3	24.7		3	30.1		3	20.8		3	22.5		3	27.5		3
Anions (mg/L)	CHLORIDE	250		250	52.2		0.33	55		0.33	8.68		0.33	95.6		0.33	15.4		0.33	13		0.33	19.4		0.33	7.88		0.33	11.5		
Method E3.0	NITRATE (Calculated)	10		10																											
	NITRATE	10		10	ND	U	0.1	0.061	J	0.1	0.259		0.1	3.11		0.1	0.118	J-	0.1	0.08	J	0.1	0.372		0.1	0.178	J	0.1			
	NITRATE (Method E353.2)	10		10																									0.417	J	
	NITRITE (Method SM45NO2B)																												ND	U	
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4																										0.417	J	
	SULFATE	250		250	7.58		1	56.5		1	30.3		1	118		1	36.2		1	26.4		1	26.9		1	27.6		1	34.4		
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U	1.72	3.45		1.72	ND	U	1.72	ND	U	1.69	ND	U	1.72	ND	U	1.82	ND	U	1.72	ND	U	1.72	ND	U	
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				319		1	133		1	103		1	125		1	124		1	164		1	98		1	98.8		1	116		
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	
Field Parameters	Temperature (°C)				21.93			19.18			19.30			18.55			19.25			19.30			18.47			18.47			18.86		
	pH (S.U.)				6.72			7.49			7.81			7.39			7.33			7.37			7.81			7.69			7.71		
	Spec Cond (µS/cm2)				1009			562.6			297.8			806.3			351.04			561.3			342.6			295.5			338.6		
	DO (mg/L)				0.00			NM			4.20			1.79			4.28			0.00			6.83			2.82			1.92		
	ORP (mV)				-203			-293			150			30			30			-167			110			40			-50		
	Turbidity (NTU)				2.95			1.24			1.00			1.99			1.12			1.18			1.62			2.35			0.48		
	Alkalinity (mg/L as CaCO3)				307			170			130			135			123			185			120			135			110		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, a
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10621			KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625		
			SAMPLE_NO		GW59			GW60			GW61			GW62			GW63			GW64			GW65			GW66			GW67		
			SAMPLE_DATE		14-Apr-11			9-May-11			26-Apr-11			26-Apr-11			26-Apr-11			24-May-11			25-May-11			25-May-11			28-Apr-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		476-501 ft			493-518 ft			482-507 ft			458-483 ft			458-483 ft			462-487 ft			473-498 ft			481-506 ft			465-490 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				3690		94.3	ND	U	96.2	ND	U	96.2	144		94.3	170		94.3	ND	U	94.3	ND	U	98	ND	U	94.3	ND	U	94.3
Method 8015B	GASOLINE RANGE ORGANICS				875		1	ND	U	1	ND	U	1	176		1	156		1	148	J	1	214		1	268		1	ND	U	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				13.2		0.5	ND	U	0.5	ND	U	0.5	0.783	J	0.5	0.782	J	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	**0.8**	J	0.5	**0.291**	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	**1.01**		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	**0.824**	J+	0.0187	**0.369**	J	0.0186	ND	U	0.0186	**0.196**		0.0186	**0.164**		0.0187	**1.12**		0.0377	ND	U	0.0188	ND	U	0.0187	**0.0774**		0.0186
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	1.25		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				6.37		0.5	ND	U	0.5	ND	U	0.5	1.53		0.5	1.21	J	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	10	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				6.21		2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				12.2		5	3.76	J+	5	ND	U	5	ND	U	5	ND	U	10	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	BENZENE	10		5	**11.1**		0.5	ND	U	0.5	ND	U	0.5	0.752	J	0.5	0.602	J	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	U	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ETHYLBENZENE	750		7	0.851	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				12.7		0.5	1.34		0.5	ND	U	0.5	5.88		0.5	3.99		1	2.03		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	M,P-XYLENES				30.6		1	ND	U	1	ND	U	1	1.6	J	1	1.47	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				1.05		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				3.42		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				3.83		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	0.312	J	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				1.53		0.5	0.275	J	0.5	ND	U	0.5	0.57	J	0.5	0.549	J	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TOLUENE	750		750	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	UJ	0.5	ND	UJ	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10621			KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625		
			SAMPLE_NO		GW59			GW60			GW61			GW62			GW63			GW64			GW65			GW66			GW67		
			SAMPLE_DATE		14-Apr-11			9-May-11			26-Apr-11			26-Apr-11			26-Apr-11			24-May-11			25-May-11			25-May-11			28-Apr-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		476-501 ft			493-518 ft			482-507 ft			458-483 ft			458-483 ft			462-487 ft			473-498 ft			481-506 ft			465-490 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	UJ	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	1,2-DIPHENYLHYDRAZINE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	U	2.36
	2,4,5-TRICHLOROPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2,4,6-TRICHLOROPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2,4-DICHLOROPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2,4-DIMETHYLPHENOL				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	2,4-DINITROPHENOL				ND	U	24.5	ND	U	24	ND	U	24.5	ND	U	23.4	ND	U	24	ND	U	25	ND	U	24	ND	U	24.5	ND	U	23.6
	2,4-DINITROTOLUENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2,6-DINITROTOLUENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2-CHLORONAPHTHALENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2-CHLOROPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2-METHYLPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2-NITROANILINE				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	2-NITROPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	3,3'-DICHLOROBENZIDINE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	3-NITROANILINE				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	4,6-DINITRO-2-METHYLPHENOL				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	4-CHLORO-3-METHYLPHENOL				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	4-CHLOROANILINE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	4-NITROANILINE				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	4-NITROPHENOL				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	ACETOPHENONE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	ATRAZINE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZALDEHYDE				ND	UJ	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	U	2.36
	BENZIDINE				ND	U	24.5	ND	U	24	ND	U	24.5	ND	U	23.4	ND	U	24	ND	U	25	ND	U	24	ND	U	24.5	ND	U	23.6
	BENZOIC ACID				ND	U	24.5	ND	U	24	ND	U	24.5	ND	U	23.4	ND	U	24	ND	U	25	ND	U	24	ND	U	24.5	ND	U	23.6
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BIS(2-CHLOROISOPROPYL)ETHER				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.36
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BUTYL BENZYL PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	CAPROLACTAM				ND	UJ	2.45	ND	U	2.4	ND	UJ	2.45	ND	UJ	2.34	ND	UJ	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.36
	CARBAZOLE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DIBENZOFURAN				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DIETHYL PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DIMETHYL PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DI-N-BUTYL PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DI-N-OCTYL PHTHALATE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	HEXACHLOROBENZENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	HEXACHLOROBUTADIENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.36
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	U	2.36
	HEXACHLOROETHANE				ND	U	2.45	ND	U	2.4	ND	UJ	2.45	ND	UJ	2.34	ND	UJ	2.4	ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.36
	ISOPHORONE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	UJ	2.36
	NITROBENZENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	N-NITROSO-DI-N-PROPYLAMINE				ND	U	2.45	ND	UJ	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	N-NITROSODIPHENYLAMINE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	UJ	2.36
	PENTACHLOROPHENOL				ND	U	9.8	ND	U	9.62	ND	U	9.8	ND	U	9.35	ND	U	9.62	ND	U	10	ND	U	9.62	ND	U	9.8	ND	U	9.43
	PHENOL			5	ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	2.74	J	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	2-METHYLNAPHTHALENE			30	1.78	J	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	ACENAPHTHENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	ACENAPHTHYLENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	UJ	2.36
	ANTHRACENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZO(A)ANTHRACENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZO(A)PYRENE		0.7	0.2	ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZO(B)FLUORANTHENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZO(GHI)PERYLENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	BENZO(K)FLUORANTHENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	CHRYSENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	DIBENZO(A,H)ANTHRACENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	FLUORANTHENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	FLUORENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	INDENO(1,2,3-CD)PYRENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	UJ	2.36
	NAPHTHALENE (Method 8260B)			30	1.06		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36
	PYRENE				ND	U	2.45	ND	U	2.4	ND	U	2.45	ND	U	2.34	ND	U	2.4	ND	U	2.5	ND	U	2.4	ND	U	2.45	ND	U	2.36

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10621			KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625		
				SAMPLE_NO	GW59			GW60			GW61			GW62			GW63			GW64			GW65			GW66			GW67		
				SAMPLE_DATE	14-Apr-11			9-May-11			26-Apr-11			26-Apr-11			26-Apr-11			24-May-11			25-May-11			25-May-11			28-Apr-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
				SAMPLE_DEPTH	476-501 ft			493-518 ft			482-507 ft			458-483 ft			458-483 ft			462-487 ft			473-498 ft			481-506 ft			465-490 ft		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				41.7		2	44.3		2	50.1		2	68.2		2	67.5		2	43.6		2	34.4		2	67		2	40.2		2
Method 6010	IRON, DISSOLVED	1		0.3	0.161		0.06	ND	U	0.06	ND	U	0.06	0.0664	J	0.06	0.0658	J	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				5.74		3	5.4		3	6.68		3	9.01		3	8.92		3	5.41		3	4.12	J	3	16.6		3	4.96	J	3
	MANGANESE, DISSOLVED	0.2		0.05	**0.97**		0.6	0.0355		0.6	0.0188		0.6	**0.212**		0.6	**0.22**		0.6	**0.154**		0.6	0.0347		0.6	**0.245**		0.6	**0.444**	J	0.6
	POTASSIUM				2.39	J	3	2.39	J	3	2.54	J	3	3.48	J	3	3.56	J	3	2.37	J	3	2.05	J	3	3.46	J	3	2.52	J	3
	SODIUM				25.4		3	26.3		3	27.1		3	34.9		3	36.3		3	25.2		3	26.5		3	38.7		3	24.1		3
Anions (mg/L)	CHLORIDE	250		250	15.9		0.33	11.5		0.33	22.1			70.5			70.1			12.7		0.33	9.35		0.33	39.9		0.33	11.8		
Method E3.0	NITRATE (Calculated)	10		10																											
	NITRATE	10		10	ND	U	0.1	ND	U	0.1										ND	U	0.1	ND	U	0.1	ND	U	0.1			
	NITRATE (Method E353.2)	10		10							0.427	J		0.798	J		0.751	J											ND	U	
	NITRITE (Method SM45NO2B)										ND	U		0.134			0.122												ND	U	
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4								0.427	J		0.932	J		0.874	J											ND	U	
	SULFATE	250		250	35.4		1	32.8		1	49.8			58.9			58.8			36.9		1	27.5		1	49.7		1	44.1		
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U	1.72	ND	U	1.72	ND	U		ND	U		ND	U		ND	U	1.69	ND	U	1.72	ND	U	1.82	ND	U	
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				98.8		1	116		1	116			99.2			108			114		1	101		1	178		1	95		
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U	1	ND	U	1	ND	U		ND	U		ND	U		ND	U	1	ND	U	1	ND	U	1	ND	U	
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U	0.15	ND	U	0.15	ND	U		ND	U		ND	U		ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	
Field Parameters	Temperature (°C)				18.79			18.97			18.53			18.83			18.83			18.77			18.45			19.30			18.72		
	pH (S.U.)				7.74			7.74			7.75			7.66			7.66			6.58			7.94			7.29			7.78		
	Spec Cond (µS/cm2)				369.3			354.9			394.1			555.4			555.4			340.2			294.5			584.0			332.8		
	DO (mg/L)				0.03			2.32			3.79			0.29			0.29			NM			NM			NM			8.82		
	ORP (mV)				-190			17			100			-170			-170			227			181			30			170		
	Turbidity (NTU)				0.90			0.74			0.62			0.75			0.75			0.45			0.78			0.85			0.77		
	Alkalinity (mg/L as CaCO3)				138			129			138			135			135			140			138			188			105		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, a
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-10626			KAFB-10627			KAFB-10628			KAFB-106044			KAFB-106044			KAFB-106045			KAFB-106045			KAFB-106046			KAFB-106047		
			SAMPLE_NO		GW68			GW69			GW70			GW74			GW75			GW51			GW76			GW77			GW78		
			SAMPLE_DATE		28-Apr-11			4-Apr-11			26-May-11			2-May-11			2-May-11			14-Apr-11			2-May-11			4-May-11			5-May-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		466-486 ft			481-501 ft			491-511 FT			504_23-519_23 ft			504_23-519_23 ft			0-0			528_3-543_3 ft			490-510 ft			512-527 FT		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				ND	U	94.3	ND	U	96.2	108		935	ND	U	96.2	ND	U	96.2	ND	U	98	ND	U	98	ND	U	92.6	ND	U	1
Method 8015B	GASOLINE RANGE ORGANICS				ND	U	1	64.7	J	1	127		5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	1	ND	U	1	ND	UJ	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	133		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	1	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	ND	U	0.5	ND	U	0.5	**32.3**		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	ND	U	0.0186	ND	U	0.02	**35.9**		0.936	ND	U	0.0185	ND	U	0.0187	ND	U	0.0186	ND	U	0.0188	ND	U	0.0187	ND	UJ	0.0186
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	52.1		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	5	80.9	J	1	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	2.5	35.7	J	50	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				ND	U	2.5	ND	U	2.5	44.2	J	50	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	5	ND	U	5	430	J-	1	ND	U	5	3.27	J	5	ND	U	5	ND	U	5	ND	U	5	8.86	J	5
	BENZENE	10		5	ND	U	0.5	ND	U	0.5	**1180**		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	1	ND	UJ	1	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	1	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ETHYLBENZENE	750		7	ND	U	0.5	ND	U	0.5	**227**		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	UJ	0.5	ND	UJ	0.5
	ISOPROPYLBENZENE				ND	U	0.5	ND	U	0.5	30.1		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	M,P-XYLENES				ND	U	1	ND	U	1	658		20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	1	**35**	J	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	9.07	J	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				ND	U	0.5	ND	U	0.5	32.6		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				ND	U	0.5	ND	U	0.5	274		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	ND	U	0.5	6.93	J	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	9.92	J	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TOLUENE	750		750	ND	U	0.5	ND	U	0.5	**1920**		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.579	J	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	20	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	0.5	ND	U	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-10626			KAFB-10627			KAFB-10628			KAFB-106044			KAFB-106044			KAFB-106045			KAFB-106045			KAFB-106046			KAFB-106047		
			SAMPLE_NO		GW68			GW69			GW70			GW74			GW75			GW51			GW76			GW77			GW78		
			SAMPLE_DATE		28-Apr-11			4-Apr-11			26-May-11			2-May-11			2-May-11			14-Apr-11			2-May-11			4-May-11			5-May-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		466-486 ft			481-501 ft			491-511 FT			504_23-519_23 ft			504_23-519_23 ft			0-0			528_3-543_3 ft			490-510 ft			512-527 FT		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	2.34	ND	U	2.4	1.86	J	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	1,2-DIPHENYLHYDRAZINE				ND	U	2.34	ND	U	2.4	ND	UJ	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2,4,5-TRICHLOROPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2,4,6-TRICHLOROPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2,4-DICHLOROPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2,4-DIMETHYLPHENOL				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	2,4-DINITROPHENOL				ND	U	23.4	ND	U	24	ND	U	23.6	ND	U	23.1	ND	U	24	ND	U	24.5	ND	U	24	ND	U	23.4	ND	U	24
	2,4-DINITROTOLUENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2,6-DINITROTOLUENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2-CHLORONAPHTHALENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2-CHLOROPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2-METHYLPHENOL				ND	U	2.34	ND	U	2.4	8.88		2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2-NITROANILINE				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	2-NITROPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	3,3'-DICHLOROBENZIDINE				ND	U	2.34	ND	U	2.4	ND	UJ	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	3-NITROANILINE				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	4,6-DINITRO-2-METHYLPHENOL				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	4-CHLORO-3-METHYLPHENOL				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	4-CHLOROANILINE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	4-NITROANILINE				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	4-NITROPHENOL				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	ACETOPHENONE				ND	U	2.34	ND	U	2.4	963		47.2	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	ATRAZINE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZALDEHYDE				ND	U	2.34	ND	UJ	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	UJ	2.4
	BENZIDINE				ND	U	23.4	ND	U	24	ND	U	23.6	ND	UJ	23.1	ND	UJ	24	ND	UJ	24.5	ND	UJ	24	ND	U	23.4	ND	U	24
	BENZOIC ACID				ND	U	23.4	ND	U	24	ND	U	23.6	ND	U	23.1	ND	U	24	ND	U	24.5	ND	U	24	ND	U	23.4	ND	U	24
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BIS(2-CHLOROISOPROPYL)ETHER				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.34	ND	U	2.4	ND	UJ	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BUTYL BENZYL PHTHALATE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	CAPROLACTAM				ND	UJ	2.34	ND	UJ	2.4	ND	UJ	2.36	ND	UJ	2.31	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.4	ND	UJ	2.34	ND	UJ	2.4
	CARBAZOLE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DIBENZOFURAN				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DIETHYL PHTHALATE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DIMETHYL PHTHALATE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DI-N-BUTYL PHTHALATE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DI-N-OCTYL PHTHALATE				ND	U	2.34	ND	U	2.4	ND	UJ	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	HEXACHLOROBENZENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	HEXACHLOROBUTADIENE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	UJ	2.31	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.4	ND	U	2.34	ND	UJ	2.4
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	HEXACHLOROETHANE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	UJ	2.31	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.4	ND	U	2.34	ND	UJ	2.4
	ISOPHORONE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	NITROBENZENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	N-NITROSO-DI-N-PROPYLAMINE				ND	U	2.34	ND	U	2.4	ND	UJ	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	UJ	2.4
	N-NITROSODIPHENYLAMINE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	UJ	2.31	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.4	ND	U	2.34	ND	UJ	2.4
	PENTACHLOROPHENOL				ND	U	9.35	ND	U	9.62	ND	U	9.43	ND	U	9.26	ND	U	9.62	ND	U	9.8	ND	U	9.62	ND	U	9.35	ND	U	9.62
	PHENOL			5	ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	ND	U	2.34	ND	U	2.4	18.8		2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	2-METHYLNAPHTHALENE			30	ND	U	2.34	ND	U	2.4	21.7		2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	ACENAPHTHENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	ACENAPHTHYLENE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	ANTHRACENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZO(A)ANTHRACENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZO(A)PYRENE		0.7	0.2	ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZO(B)FLUORANTHENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZO(GHI)PERYLENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	BENZO(K)FLUORANTHENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	CHRYSENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	DIBENZO(A,H)ANTHRACENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	FLUORANTHENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	FLUORENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	INDENO(1,2,3-CD)PYRENE				ND	UJ	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	NAPHTHALENE (Method 8260B)			30	ND	U	0.5	ND	U	0.5	**36.9**	J-	10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4
	PYRENE				ND	U	2.34	ND	U	2.4	ND	U	2.36	ND	U	2.31	ND	U	2.4	ND	U	2.45	ND	U	2.4	ND	U	2.34	ND	U	2.4

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-10626			KAFB-10627			KAFB-10628			KAFB-106044			KAFB-106044			KAFB-106045			KAFB-106045			KAFB-106046			KAFB-106047		
				SAMPLE_NO	GW68			GW69			GW70			GW74			GW75			GW51			GW76			GW77			GW78		
				SAMPLE_DATE	28-Apr-11			4-Apr-11			26-May-11			2-May-11			2-May-11			14-Apr-11			2-May-11			4-May-11			5-May-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
				SAMPLE_DEPTH	466-486 ft			481-501 ft			491-511 FT			504_23-519_23 ft			504_23-519_23 ft			0-0			528_3-543_3 ft			490-510 ft			512-527 FT		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				85.8		2	41		2	55.5		2	32		2	32.1		2	31.6		2	30.4		2	44		2	39.6		2
Method 6010	IRON, DISSOLVED	1		0.3	ND	U	0.06	ND	U	0.06	0.236		0.06	ND	U	0.06	0.164		0.06	ND	U	0.06	ND	U	0.06	**0.64**		0.06	**1.35**		0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				10.5		3	5.4		3	7.18		3	4.19	J	3	4.31	J	3	4.17	J	3	4.01	J	3	5.67		3	4.99	J	3
	MANGANESE, DISSOLVED	0.2		0.05	ND	U	0.6	ND	U	0.6	**0.71**		0.6	0.0102	J	0.6	0.0125	J	0.6	ND	U	0.6	ND	U	0.6	0.0229		0.6	**0.346**		0.6
	POTASSIUM				3.71	J	3	2.26	J	3	2.77	J	3	2.55	J	3	2.58	J	3	2.08	J	3	2.12	J	3	2.49	J	3	2.66	J	3
	SODIUM				35.2		3	24.1		3	29		3	22.7		3	23.8		3	22.3		3	22.5		3	27.8		3	25.1		3
Anions (mg/L)	CHLORIDE	250		250	98.4			8.44		0.33	24		0.33	6.98			6.99			6.4			6.41			8.68			7.74		
Method E3.0	NITRATE (Calculated)	10		10																											
	NITRATE	10		10				0.164	J	0.1	ND	U	0.1													0.566			0.072	J	
	NITRATE (Method E353.2)	10		10	4.92									ND	U		ND	U		ND	U		ND	U							
	NITRITE (Method SM45NO2B)				ND	U								0.343	J		ND	U		ND	U		0.343	J							
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4		*4.92*									ND	U		ND	U		ND	U		ND	U							
	SULFATE	250		250	85			29.4		1	36.8		1	26.6			26.6			26			26.1			27			26.3		
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U		ND	U	1.85	ND	U	1.72	ND	U		ND	U		ND	U		ND	U		ND	U		ND	U	
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				76			127		1	133		1	98.8			92.7			94.2			93.1			126			121		
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U		ND	U	1	ND	U	1	ND	U		ND	U		ND	U		ND	U		7.6			ND	U	
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U		ND	U	0.15	ND	U	0.15	ND	U		ND	U		ND	U		ND	U		ND	U		ND	U	
Field Parameters	Temperature (°C)				19.90			18.47			17.95			18.59			18.59						18.21			19.76			19.35		
	pH (S.U.)				7.70			7.65			7.48			7.87			7.87						7.82			7.68			7.00		
	Spec Cond (µS/cm2)				683.8			319.2			411.9			280.3			280.3						269.3			351.5			303.0		
	DO (mg/L)				8.70			7.47			NM			9.59			9.59						10.98			8.32			2.53		
	ORP (mV)				140			90			-88			160			160						181			194			-75		
	Turbidity (NTU)				0.87			0.82			0.91			1.54			1.54						0.74			1.58			1.87		
	Alkalinity (mg/L as CaCO3)				125			140			160			118			118						125			126			137		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, a
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106048			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063			KAFB-106064			KAFB-106067			KAFB-106068		
			SAMPLE_NO		GW79			GW83			GW84			GW85			GW86			GW87			GW88			GW0114			GW89		
			SAMPLE_DATE		5-May-11			20-May-11			18-May-11			10-May-11			10-May-11			11-May-11			11-May-11			3-Jun-11			2-Jun-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		535_5-550_5 FT			503-518 ft			573_2-588_2 ft			575_78-590 ft			575_78-590_26 ft			505-520 ft			485-505 ft			506-521 ft			580-595 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				ND	U	104	ND	U	96.2	ND	U	1	ND	U	104	ND	U	96.2	ND	U	96.2	506		96.2	3410		1	ND	U	94.3
Method 8015B	GASOLINE RANGE ORGANICS				ND	U	1	1	J	1	ND	U	1	67.8	J	1	ND	U	1	ND	U	1	11		1	1340		1	ND	U	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.323	J	0.5	0.437	J	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	19.9		0.5	28		0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	**0.416**	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	**1.42**		0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	**0.336**		0.0187	**0.127**	J	0.0187	**0.215**	J	0.0187	ND	U	0.0186	ND	U	0.0187	0.0269	J	0.0186	**1.75**		0.0938	**0.33**		0.0185	ND	U	0.0182
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.905	J	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	9.52		0.5	11.9		0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	3.15	J	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	5	ND	U	5	ND	U	5	2.8	J+	5	2.98	J+	5	ND	U	5	13.6		5	11.8		5	ND	U	5
	BENZENE	10		5	ND	U	0.5	0.376	J	0.5	1.13		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	**37.1**		0.5	**189**		0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.324	J	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.412	J	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ETHYLBENZENE	750		7	ND	U	0.5	ND	U	0.5	0.533	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	**20.1**		0.5	**31.4**		0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	UJ	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	3.96		0.5	4.77		0.5	ND	U	0.5
	M,P-XYLENES				ND	U	1	0.501	J	1	1.24	J	1	ND	U	1	ND	U	1	0.643	J	1	50		1	54.1		1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	6.8		0.5	0.569	J	0.5	ND	U	0.5
	N-PROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	4.97		0.5	3.26		0.5	ND	U	0.5
	O-XYLENE				ND	U	0.5	ND	U	0.5	0.532	J	0.5	ND	U	0.5	ND	U	0.5	0.275	J	0.5	13.8		0.5	23.5		0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	7.28		0.5	1.7		0.5	ND	U	0.5
	SEC-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	7.27		0.5	0.524	J	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.272	J	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.445	J	0.5	0.442	J	0.5	ND	U	0.5	ND	U	0.5
	TOLUENE	750		750	0.58	J	0.5	1.8		0.5	5.91		0.5	ND	U	0.5	ND	U	0.5	1.52		0.5	120		0.5	15.9		0.5	0.517	J	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	0.352	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	UJ	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106048			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063			KAFB-106064			KAFB-106067			KAFB-106068		
			SAMPLE_NO		GW79			GW83			GW84			GW85			GW86			GW87			GW88			GW0114			GW89		
			SAMPLE_DATE		5-May-11			20-May-11			18-May-11			10-May-11			10-May-11			11-May-11			11-May-11			3-Jun-11			2-Jun-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE_DEPTH		535_5-550_5 FT			503-518 ft			573_2-588_2 ft			575_78-590 ft			575_78-590_26 ft			505-520 ft			485-505 ft			506-521 ft			580-595 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	1,2-DIPHENYLHYDRAZINE				ND	U	2.5	ND	UJ	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2,4,5-TRICHLOROPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2,4,6-TRICHLOROPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2,4-DICHLOROPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2,4-DIMETHYLPHENOL				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	8.19	J	9.43	ND	U	9.43
	2,4-DINITROPHENOL				ND	U	25	ND	U	24	ND	U	24	ND	U	26	ND	U	23.4	ND	U	23.6	ND	U	23.6	ND	U	23.6	ND	U	23.6
	2,4-DINITROTOLUENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2,6-DINITROTOLUENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2-CHLORONAPHTHALENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2-CHLOROPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2-METHYLPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	2-NITROANILINE				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	2-NITROPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	3,3'-DICHLOROBENZIDINE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	6.28		2.36	ND	U	2.36	ND	U	2.36
	3-NITROANILINE				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	4,6-DINITRO-2-METHYLPHENOL				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	4-CHLORO-3-METHYLPHENOL				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	4-CHLOROANILINE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	4-NITROANILINE				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	4-NITROPHENOL				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	ACETOPHENONE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	20.1		2.36	103		11.8	ND	U	2.36
	ATRAZINE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZALDEHYDE				ND	UJ	2.5	ND	U	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	UJ	2.36	ND	UJ	2.36
	BENZIDINE				ND	U	25	ND	U	24	ND	U	24	ND	U	26	ND	U	23.4	ND	U	23.6	ND	U	23.6	ND	U	23.6	ND	U	23.6
	BENZOIC ACID				ND	U	25	ND	U	24	ND	U	24	ND	U	26	ND	U	23.4	ND	U	23.6	ND	U	23.6	ND	U	23.6	ND	U	23.6
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.5	ND	U	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.5	ND	UJ	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BIS(2-CHLOROISOPROPYL)ETHER				ND	U	2.5	ND	UJ	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.5	ND	UJ	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BUTYL BENZYL PHTHALATE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	CAPROLACTAM				ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	UJ	2.36	ND	UJ	2.36
	CARBAZOLE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DIBENZOFURAN				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DIETHYL PHTHALATE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DIMETHYL PHTHALATE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DI-N-BUTYL PHTHALATE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DI-N-OCTYL PHTHALATE				ND	U	2.5	ND	UJ	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	HEXACHLOROBENZENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	HEXACHLOROBUTADIENE				ND	UJ	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	HEXACHLOROETHANE				ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	ISOPHORONE				ND	U	2.5	ND	U	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	NITROBENZENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	N-NITROSO-DI-N-PROPYLAMINE				ND	UJ	2.5	ND	U	2.4	ND	U	2.4	ND	UJ	2.6	ND	UJ	2.34	ND	UJ	2.36	ND	UJ	2.36	ND	U	2.36	ND	U	2.36
	N-NITROSODIPHENYLAMINE				ND	UJ	2.5	ND	UJ	2.4	ND	UJ	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	PENTACHLOROPHENOL				ND	U	10	ND	U	9.62	ND	U	9.62	ND	U	10.4	ND	U	9.35	ND	U	9.43	ND	U	9.43	ND	U	9.43	ND	U	9.43
	PHENOL			5	ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	4.39	J	2.36	ND	U	2.36
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	3.77	J	2.36	3.28	J	2.36	ND	U	2.36
	2-METHYLNAPHTHALENE			30	ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	3.42	J	2.36	1.93	J	2.36	ND	U	2.36
	ACENAPHTHENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	ACENAPHTHYLENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	ANTHRACENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZO(A)ANTHRACENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZO(A)PYRENE		0.7	0.2	ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZO(B)FLUORANTHENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZO(GHI)PERYLENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	BENZO(K)FLUORANTHENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	CHRYSENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	DIBENZO(A,H)ANTHRACENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	FLUORANTHENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	FLUORENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	INDENO(1,2,3-CD)PYRENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	NAPHTHALENE (Method 8260B)			30	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	3.79		0.5	7.16	J-	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36
	PYRENE				ND	U	2.5	ND	U	2.4	ND	U	2.4	ND	U	2.6	ND	U	2.34	ND	U	2.36	ND	U	2.36	ND	U	2.36	ND	U	2.36

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-106048			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063			KAFB-106064			KAFB-106067			KAFB-106068		
				SAMPLE_NO	GW79			GW83			GW84			GW85			GW86			GW87			GW88			GW0114			GW89		
				SAMPLE_DATE	5-May-11			20-May-11			18-May-11			10-May-11			10-May-11			11-May-11			11-May-11			3-Jun-11			2-Jun-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG		
				SAMPLE_DEPTH	535_5-550_5 FT			503-518 ft			573_2-588_2 ft			575_78-590 ft			575_78-590_26 ft			505-520 ft			485-505 ft			506-521 ft			580-595 ft		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				33.8		2	37.6		2	35.4		2	35.9		2	34.1		2	44.3		2	49.3		2	56		2	35.8		2
Method 6010	IRON, DISSOLVED	1		0.3	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	0.157		0.06	ND	U	0.06	ND	U	0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				4.12	J	3	4.9	J	3	4.42	J	3	4.43	J	3	4.24	J	3	5.59		3	6.64		3	7.36		3	4.31	J	3
	MANGANESE, DISSOLVED	0.2		0.05	0.0246		0.6	**0.0915**		0.6	0.0251		0.6	**0.0589**		0.6	**0.0571**		0.6	0.0316		0.6	**0.543**		0.6	**0.673**		0.6	0.0291		0.6
	POTASSIUM				2.23	J	3	2.4	J	3	2.24	J	3	2.22	J	3	2.13	J	3	2.34	J	3	2.45	J	3	2.82	J	3	2.09	J	3
	SODIUM				23.2		3	23.6		3	23.6		3	23.8		3	23		3	25.4		3	27.1		3	31.1		3	23.1		3
Anions (mg/L)	CHLORIDE	250		250	6.89			12.3		0.33	6.8		0.33	7.3		0.33	7.32		0.33	11.7		0.33	13.1		0.33	11.6		0.33	8.89		0.33
Method E3.0	NITRATE (Calculated)	10		10																0.837	J	0.75	ND	U	0.75						
	NITRATE	10		10	0.094	J		0.401		0.1	0.062	J	0.1	0.088	J	0.1	0.085	J	0.1							ND	U	0.1	0.225		0.1
	NITRATE (Method E353.2)	10		10																											
	NITRITE (Method SM45NO2B)																			ND	U	0.01	ND	U	0.01						
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4																	0.837	J	0.75	ND	U	0.75						
	SULFATE	250		250	26.5			31.7		1	26.1		1	27.1		1	27.1		1	31.9		1	32.5		1	21.5		1	28.9		1
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U		ND	U	1.72	ND	U	1.85	ND	U	1.72	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.72	ND	U	1.72
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				98.8			101		1	97.3	J-	1	108		1	109		1	106		1	120		1	171		1	96.5		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U		ND	U	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U		ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15
Field Parameters	Temperature (°C)				19.56			18.70			19.38			19.61			19.61			18.45			18.29			19.55			19.63		
	pH (S.U.)				7.80			7.74			7.82			7.74			7.74			7.71			7.40			7.42			7.64		
	Spec Cond (µS/cm2)				286.9			298.2			264.2			296.1			296.1			343.6			386.2			407.0			282.4		
	DO (mg/L)				10.45			7.74			9.69			10.42			10.42			9.56			1.27			2.83			12.73		
	ORP (mV)				172			172			152			185			185			159			-15			160			198		
	Turbidity (NTU)				1.97			0.82			1.58			1.01			1.01			0.29			0.56			1.28			0.49		
	Alkalinity (mg/L as CaCO3)				112			103			104			116			116			137			162			195			103		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, a
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-106069			KAFB-106079			KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106097			KAFB-106098		
				SAMPLE_NO	GW90			GW97			GW98			GW99			GW01			GW0101			GW0102			GW0103			GW0104		
				SAMPLE_DATE	3-Jun-11			17-May-11			16-May-11			12-May-11			31-May-11			31-May-11			23-May-11			1-Jun-11			1-Jun-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
				SAMPLE_DEPTH	506-521 ft			484_92-503_92 FT			504_4-519_4 ft			575-590 FT			472-492 ft			495_45-510_45 ft			565-580 ft			506-521 ft			531-546 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				105		96.2	218		962	171		943	ND	U	96.2	5540		481	1090		94.3	ND	U	96.2	ND	U	1	ND	U	94.3
Method 8015B	GASOLINE RANGE ORGANICS				ND	U	1	146		10	173		10	ND	U	1	1040		1	614		1	ND	U	1	ND	U	1	ND	U	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	0.774	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	UJ	1	ND	U	50	ND	U	50	ND	U	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				ND	U	0.5	14.8	J	25	49.9	J	25	ND	U	0.5	12.6		0.5	11		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	50	ND	U	50	ND	U	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	**1.43**		0.5	**0.854**	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	**0.294**		0.0187	**2.93**		0.0925	**0.412**	J	0.0185	ND	U	0.0187	**2.39**		0.0964	**1.1**		0.0374	ND	U	0.0189	ND	U	0.0189	ND	U	0.0188
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	2.9		0.5	0.862	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				ND	U	0.5	ND	U	25	41.8	J	25	ND	U	0.5	7.91		0.5	6.29		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	250	160	J	250	ND	U	5	2.84	J-	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	125	ND	U	125	ND	U	2.5	ND	UJ	2.5	ND	UJ	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				ND	U	2.5	ND	U	125	74.2	J	125	ND	U	2.5	ND	UJ	2.5	ND	UJ	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	5	191	J	250	478	J	250	ND	U	5	21.4		5	6.24	J	5	ND	U	5	ND	U	5	ND	U	5
	BENZENE	10		5	ND	U	0.5	**5380**		25	**68**		25	ND	U	0.5	1.03		0.5	0.768	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	1	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				0.538	J	1	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ETHYLBENZENE	750		7	ND	U	0.5	**138**		25	**350**		25	ND	U	0.5	0.647	J	0.5	0.454	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				ND	U	0.5	25.4	J	25	82.4		25	ND	U	0.5	2.39		0.5	7.8		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	M,P-XYLENES				ND	U	1	57.1	J	50	ND	U	50	ND	U	1	41.7		1	45.8		1	ND	U	1	ND	U	1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	0.423	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	0.336	J+	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				ND	U	0.5	13.8	J	25	64.8		25	ND	U	0.5	ND	U	0.5	2.56		0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				ND	U	0.5	78.9		25	257		25	ND	U	0.5	9.96		0.5	0.452	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	44.5	J	25	12.7	J	25	ND	U	0.5	1.19		0.5	0.984	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	0.61	J	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	0.251	J	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TOLUENE	750		750	0.284	J	0.5	317		25	255		25	0.428	J	0.5	ND	U	0.5	1.51		0.5	0.724	J	0.5	ND	U	0.5	0.271	J	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	25	ND	U	25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	25	ND	U	25	ND	UJ	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106069			KAFB-106079			KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106097			KAFB-106098		
			SAMPLE_NO		GW90			GW97			GW98			GW99			GW01			GW0101			GW0102			GW0103			GW0104		
			SAMPLE_DATE		3-Jun-11			17-May-11			16-May-11			12-May-11			31-May-11			31-May-11			23-May-11			1-Jun-11			1-Jun-11		
			SAMPLE_PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE_DEPTH		506-521 ft			484_92-503_92 FT			504_4-519_4 ft			575-590 FT			472-492 ft			495_45-510_45 ft			565-580 ft			506-521 ft			531-546 ft		
Chemical Class & Analytical Method[b]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	1,2-DIPHENYLHYDRAZINE				ND	U	2.4	ND	U	2.4	ND	UJ	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2,4,5-TRICHLOROPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2,4,6-TRICHLOROPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2,4-DICHLOROPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2,4-DIMETHYLPHENOL				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	4.98	J	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	2,4-DINITROPHENOL				ND	U	24	ND	UJ	24	ND	U	234	ND	U	23.6	ND	U	23.4	ND	U	23.4	ND	U	24	ND	U	23.9	ND	U	23.1
	2,4-DINITROTOLUENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2,6-DINITROTOLUENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2-CHLORONAPHTHALENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2-CHLOROPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2-METHYLPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2-NITROANILINE				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	2-NITROPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	3,3'-DICHLOROBENZIDINE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	UJ	2.4	ND	U	2.39	ND	U	2.31
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	2.72	J	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	3-NITROANILINE				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	4,6-DINITRO-2-METHYLPHENOL				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	4-CHLORO-3-METHYLPHENOL				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	4-CHLOROANILINE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	4-NITROANILINE				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	4-NITROPHENOL				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	UJ	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	ACETOPHENONE				ND	U	2.4	532		24	314		23.4	ND	U	2.36	10.7		2.34	1.98	J	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	ATRAZINE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZALDEHYDE				ND	UJ	2.4	ND	U	2.4	ND	U	23.4	ND	UJ	2.36	ND	UJ	2.34	ND	UJ	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZIDINE				ND	U	24	ND	U	24	ND	U	234	ND	U	23.6	ND	U	23.4	ND	U	23.4	ND	U	24	ND	U	23.9	ND	U	23.1
	BENZOIC ACID				ND	U	24	ND	UJ	24	ND	U	234	ND	UJ	23.6	ND	U	23.4	ND	U	23.4	ND	U	24	ND	U	23.9	ND	U	23.1
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	UJ	2.34	ND	UJ	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.4	ND	U	2.4	ND	UJ	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BIS(2-CHLOROISOPROPYL)ETHER				ND	U	2.4	ND	U	2.4	ND	UJ	23.4	ND	U	2.36	ND	UJ	2.34	ND	UJ	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.4	ND	U	2.4	ND	UJ	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	9.1		2.4	ND	U	2.39	1.65	J	2.31
	BUTYL BENZYL PHTHALATE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	CAPROLACTAM				ND	UJ	2.4	ND	UJ	2.4	ND	UJ	23.4	ND	UJ	2.36	ND	UJ	2.34	ND	UJ	2.34	ND	UJ	2.4	ND	UJ	2.39	ND	UJ	2.31
	CARBAZOLE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	DIBENZOFURAN				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	DIETHYL PHTHALATE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	UJ	2.39	ND	UJ	2.31
	DIMETHYL PHTHALATE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	DI-N-BUTYL PHTHALATE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	DI-N-OCTYL PHTHALATE				ND	U	2.4	ND	U	2.4	ND	UJ	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	HEXACHLOROBENZENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	HEXACHLOROBUTADIENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	HEXACHLOROETHANE				ND	U	2.4	ND	UJ	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	ISOPHORONE				ND	U	2.4	4.09	J	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	NITROBENZENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	N-NITROSO-DI-N-PROPYLAMINE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	N-NITROSODIPHENYLAMINE				ND	U	2.4	ND	UJ	2.4	ND	UJ	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	PENTACHLOROPHENOL				ND	U	9.62	ND	U	9.62	ND	U	93.5	ND	U	9.43	ND	U	9.35	ND	U	9.35	ND	U	9.62	ND	U	9.56	ND	U	9.26
	PHENOL			5	ND	U	2.4	4.49	J	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	ND	U	2.4	7.66		2.4	21.7	J	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	2-METHYLNAPHTHALENE			30	ND	U	2.4	7.36		2.4	25	J	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	ACENAPHTHENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	ACENAPHTHYLENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	ANTHRACENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZO(A)ANTHRACENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZO(A)PYRENE	0.7		0.2	ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZO(B)FLUORANTHENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZO(GHI)PERYLENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	BENZO(K)FLUORANTHENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	CHRYSENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	DIBENZO(A,H)ANTHRACENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	FLUORANTHENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	FLUORENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	INDENO(1,2,3-CD)PYRENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	NAPHTHALENE (Method 8260B)			30	ND	UJ	0.5	**53.4**		25	**96.7**		25	ND	U	0.5	0.435	J-	0.5	0.588	J-	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31
	PYRENE				ND	U	2.4	ND	U	2.4	ND	U	23.4	ND	U	2.36	ND	U	2.34	ND	U	2.34	ND	U	2.4	ND	U	2.39	ND	U	2.31

Table 5-2
Groundwater Analytical Results, April - June 2011

				LOCATION_CODE	KAFB-106069			KAFB-106079			KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106097			KAFB-106098		
				SAMPLE_NO	GW90			GW97			GW98			GW99			GW01			GW0101			GW0102			GW0103			GW0104		
				SAMPLE_DATE	3-Jun-11			17-May-11			16-May-11			12-May-11			31-May-11			31-May-11			23-May-11			1-Jun-11			1-Jun-11		
				SAMPLE_PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG		
				SAMPLE_DEPTH	506-521 ft			484_92-503_92 FT			504_4-519_4 ft			575-590 FT			472-492 ft			495_45-510_45 ft			565-580 ft			506-521 ft			531-546 ft		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30																											
Method 8270C	2-METHYLNAPHTHALENE			30																											
Low detection limit	ACENAPHTHENE																														
	ACENAPHTHYLENE																														
	ANTHRACENE																														
	BENZO(A)ANTHRACENE																														
	BENZO(A)PYRENE	0.7		0.2																											
	BENZO(B)FLUORANTHENE																														
	BENZO(GHI)PERYLENE																														
	BENZO(K)FLUORANTHENE																														
	CHRYSENE																														
	DIBENZO(A,H)ANTHRACENE																														
	FLUORANTHENE																														
	FLUORENE																														
	INDENO(1,2,3-CD)PYRENE																														
	NAPHTHALENE			30																											
	PHENANTHRENE																														
	PYRENE																														
Metals (mg/L)	CALCIUM				41.9		2	114		2	142		2	36.6		2	64.6		2	58.3		2	33.8		2	44		2	33.5		2
Method 6010	IRON, DISSOLVED	1		0.3	ND	U	0.06	0.185		0.06	**0.723**		0.06	0.0364	J	0.06	0.105		0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				5.27		3	16		3	20		3	4.72	J	3	8.47		3	7.32		3	4.17	J	3	5.52		3	4.15	J	3
	MANGANESE, DISSOLVED	0.2		0.05	**0.0708**		0.6	**1.61**		0.6	**2.03**		0.6	**0.376**		0.6	**0.809**		0.6	0.0264		0.6	**0.873**	J	0.6	0.0191		0.6	0.0274		0.6
	POTASSIUM				2.32	J	3	3.98	J	3	4.55	J	3	2.32	J	3	3.11	J	3	2.82	J	3	2.18	J	3	2.25	J	3	2.19	J	3
	SODIUM				25.8		3	42.9		3	47.9		3	23.9		3	31.6		3	30.1		3	23.1		3	23.1		3	21		3
Anions (mg/L)	CHLORIDE	250		250	11.3		0.33	112		0.33	106		0.33	8.01		0.33	30.2		0.33	41.1		0.33	7.12		0.33	18.2		0.33	1.75		0.33
Method E3.0	NITRATE (Calculated)	10		10																											
	NITRATE	10		10	0.525		0.1	ND	U	0.1	ND	U	0.1	0.081	J	0.1	ND	U	0.1	ND	U	0.1	0.07	J	0.1	0.101	J	0.1	0.685		0.1
	NITRATE (Method E353.2)	10		10																											
	NITRITE (Method SM45NO2B)																														
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4																												
	SULFATE	250		250	32.1		1	19.4		1	25.5		1	27.5		1	55.3		1	50.2		1	27		1	41.6		1	1.75	J	1
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U	1.72	ND	U	1.72	ND	U	1.72	ND	U	1.82	ND	U	1.72	ND	U	1.72	ND	U	1.72	ND	U	1.72	ND	U	1.69
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				112		1	204		1	272		1	95		1	131		1	92		1	98.8		1	96.9		1	90.8		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15	ND	U	0.15
Field Parameters	Temperature (°C)				19.47			18.90			19.06			19.48			19.62			18.94			19.60			20.35			19.87		
	pH (S.U.)				7.57			7.10			7.06			7.02			7.47			7.62			7.76			7.61			7.71		
	Spec Cond (µS/cm2)				319.8			834.8			1003			295.5			486.5			402.9			272.9			338.2			261.0		
	DO (mg/L)				7.41			0.02			0.44			10.25			NM			NM			11.51			9.34			9.78		
	ORP (mV)				196			9			-30			271			-59			203			178			176			194		
	Turbidity (NTU)				0.67			0.92			1.29			1.01			0.87			0.49			1.01			0.81			1.05		
	Alkalinity (mg/L as CaCO3)				124			238			290			108			176			110			114			100			116		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, a
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106101			KAFB-106101			KAFB-106102			KAFB3411			ST106-VA2			ST106-VA2		
			SAMPLE_NO		GW0105			GW0106			GW0107			GW71			GW0112			GW0113		
			SAMPLE_DATE		3-May-11			3-May-11			3-May-11			7-Apr-11			1-Apr-11			1-Apr-11		
			SAMPLE_PURPOSE		REG			FD			REG			REG			REG			FD		
			SAMPLE_DEPTH		495_93-511_21 ft			495_93-511_21 ft			521_08-534_84 FT			477-502 ft			-			-		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/L)	DIESEL RANGE ORGANICS				ND	U	94.3	ND	U	96.2	ND	U	111	ND	U	98	ND	U	94.3	ND	U	96.2
Method 8015B	GASOLINE RANGE ORGANICS				ND	U	1	ND	U	1	ND	U	1	179		1	56.1	J	1	63.7	J	1
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Method 8260B	1,1,1-TRICHLOROETHANE	60		60	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2,2-TETRACHLOROETHANE	10		10	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1,2-TRICHLOROETHANE	1		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHANE	25		25	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROETHENE	5		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,1-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,3-TRICHLOROPROPANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRICHLOROBENZENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2,4-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMO-3-CHLOROPROPANE			0.2	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB)	0.1		0.05	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1		0.05	ND	U	0.0187	ND	U	0.0188	ND	UJ	0.0188	ND	U	0.02	ND	U	0.0162	ND	U	0.0166
	1,2-DICHLOROBENZENE			6	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROETHANE (EDC)	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,2-DICHLOROPROPANE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3,5-TRIMETHYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,3-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	1,4-DICHLOROBENZENE			75	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2,2-DICHLOROPROPANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-BUTANONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	2-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	2-HEXANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	4-CHLOROTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	4-METHYL-2-PENTANONE				ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5	ND	U	2.5
	ACETONE				ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	BENZENE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMODICHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOFORM				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	BROMOMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	ND	U	1	ND	U	1
	CARBON DISULFIDE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CARBON TETRACHLORIDE	10		5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROBENZENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROFORM	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	UJ	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,2-DICHLOROETHENE			70	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	CIS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOCHLOROMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DIBROMOMETHANE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	DICHLORODIFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ETHYLBENZENE	750		7	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	HEXACHLOROBUTADIENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	ISOPROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	0.726	J	0.5	ND	U	0.5	ND	U	0.5
	M,P-XYLENES				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYL TERT-BUTYL ETHER				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	METHYLENE CHLORIDE	1		5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	N-PROPYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	O-XYLENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	P-ISOPROPYLTOLUENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	SEC-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	STYRENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TERT-BUTYLBENZENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TETRACHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TOLUENE	750		750	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,2-DICHLOROETHENE			1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRANS-1,3-DICHLOROPROPENE				ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROETHENE			5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	TRICHLOROFLUOROMETHANE				ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	VINYL CHLORIDE	1		1	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106101			KAFB-106101			KAFB-106102			KAFB3411			ST106-VA2			ST106-VA2		
			SAMPLE_NO		GW0105			GW0106			GW0107			GW71			GW0112			GW0113		
			SAMPLE_DATE		3-May-11			3-May-11			3-May-11			7-Apr-11			1-Apr-11			1-Apr-11		
			SAMPLE_PURPOSE		REG			FD			REG			REG			REG			FD		
			SAMPLE_DEPTH		495_93-511_21 ft			495_93-511_21 ft			521_08-534_84 FT			477-502 ft			-			-		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	UJ	2.4	ND	U	2.45	ND	U	2.31
	1,2-DIPHENYLHYDRAZINE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2,4,5-TRICHLOROPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2,4,6-TRICHLOROPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2,4-DICHLOROPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2,4-DIMETHYLPHENOL				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	2,4-DINITROPHENOL				ND	U	24	ND	U	23.6	ND	U	27.8	ND	U	24	ND	U	24.5	ND	U	23.1
	2,4-DINITROTOLUENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2,6-DINITROTOLUENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2-CHLORONAPHTHALENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2-CHLOROPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2-METHYLPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2-NITROANILINE				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	2-NITROPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	3,3'-DICHLOROBENZIDINE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	UJ	2.4	ND	U	2.45	ND	U	2.31
	3-METHYLPHENOL AND 4-METHYLPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	3-NITROANILINE				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	4,6-DINITRO-2-METHYLPHENOL				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	4-BROMOPHENYL PHENYL ETHER				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	4-CHLORO-3-METHYLPHENOL				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	4-CHLOROANILINE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	4-CHLOROPHENYL PHENYL ETHER				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	4-NITROANILINE				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	4-NITROPHENOL				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	ACETOPHENONE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	ATRAZINE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZALDEHYDE				ND	UJ	2.4	ND	UJ	2.36	ND	UJ	2.78	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.31
	BENZIDINE				ND	U	24	ND	U	23.6	ND	U	27.8	ND	U	24	ND	U	24.5	ND	U	23.1
	BENZOIC ACID				ND	U	24	ND	U	23.6	ND	U	27.8	ND	U	24	ND	U	24.5	ND	U	23.1
	BIS(2-CHLOROETHOXY)METHANE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BIS(2-CHLOROETHYL)ETHER				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BIS(2-CHLOROISOPROPYL)ETHER				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BIS(2-ETHYLHEXYL)PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BUTYL BENZYL PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	CAPROLACTAM				ND	UJ	2.4	ND	UJ	2.36	ND	UJ	2.78	ND	UJ	2.4	ND	UJ	2.45	ND	UJ	2.31
	CARBAZOLE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DIBENZOFURAN				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DIETHYL PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DIMETHYL PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DI-N-BUTYL PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DI-N-OCTYL PHTHALATE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	HEXACHLOROBENZENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	HEXACHLOROBUTADIENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	UJ	2.4	ND	U	2.45	ND	U	2.31
	HEXACHLOROCYCLOPENTADIENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	HEXACHLOROETHANE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	UJ	2.4	ND	U	2.45	ND	U	2.31
	ISOPHORONE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	NITROBENZENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	N-NITROSO-DI-N-PROPYLAMINE				ND	UJ	2.4	ND	UJ	2.36	ND	UJ	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	N-NITROSODIPHENYLAMINE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	PENTACHLOROPHENOL				ND	U	9.62	ND	U	9.43	ND	U	11.1	ND	U	9.62	ND	U	9.8	ND	U	9.26
	PHENOL			5	ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE			30	ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	2-METHYLNAPHTHALENE			30	ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	ACENAPHTHENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	ACENAPHTHYLENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	ANTHRACENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZO(A)ANTHRACENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZO(A)PYRENE	0.7		0.2	ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZO(B)FLUORANTHENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZO(GHI)PERYLENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	BENZO(K)FLUORANTHENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	CHRYSENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	DIBENZO(A,H)ANTHRACENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	FLUORANTHENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	FLUORENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	INDENO(1,2,3-CD)PYRENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	NAPHTHALENE (Method 8260B)			30	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
	PHENANTHRENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31
	PYRENE				ND	U	2.4	ND	U	2.36	ND	U	2.78	ND	U	2.4	ND	U	2.45	ND	U	2.31

Table 5-2
Groundwater Analytical Results, April - June 2011

			LOCATION_CODE		KAFB-106101			KAFB-106101			KAFB-106102			KAFB3411			ST106-VA2			ST106-VA2		
			SAMPLE_NO		GW0105			GW0106			GW0107			GW71			GW0112			GW0113		
			SAMPLE_DATE		3-May-11			3-May-11			3-May-11			7-Apr-11			1-Apr-11			1-Apr-11		
			SAMPLE_PURPOSE		REG			FD			REG			REG			REG			FD		
			SAMPLE_DEPTH		495_93-511_21 ft			495_93-511_21 ft			521_08-534_84 FT			477-502 ft			-			-		
Chemical Class & Analytical Method[a]	Parameter	NMED Ground Water Protection Standards (Sec. 20.6.2.3103)[d]	NMED Approved Background[b]	EPA MCLs[c,d]	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
PAHs (µg/L)	1-METHYL NAPHTHALENE			30													ND	U	0.0962	ND	U	0.111
Method 8270C	2-METHYLNAPHTHALENE			30													ND	U	0.0962	ND	U	0.111
Low detection limit	ACENAPHTHENE																ND	U	0.0962	ND	U	0.111
	ACENAPHTHYLENE																ND	U	0.0962	ND	U	0.111
	ANTHRACENE																ND	U	0.0962	ND	U	0.111
	BENZO(A)ANTHRACENE																ND	U	0.0962	ND	U	0.111
	BENZO(A)PYRENE	0.7		0.2													ND	U	0.0962	ND	U	0.111
	BENZO(B)FLUORANTHENE																ND	U	0.0962	ND	U	0.111
	BENZO(GHI)PERYLENE																ND	U	0.0962	ND	U	0.111
	BENZO(K)FLUORANTHENE																ND	U	0.0962	ND	U	0.111
	CHRYSENE																ND	U	0.0962	ND	U	0.111
	DIBENZO(A,H)ANTHRACENE																ND	U	0.0962	ND	U	0.111
	FLUORANTHENE																ND	U	0.0962	ND	U	0.111
	FLUORENE																ND	U	0.0962	ND	U	0.111
	INDENO(1,2,3-CD)PYRENE																ND	U	0.0962	ND	U	0.111
	NAPHTHALENE			30													ND	U	0.0962	ND	U	0.111
	PHENANTHRENE																ND	U	0.0962	ND	U	0.111
	PYRENE																ND	U	0.0962	ND	U	0.111
Metals (mg/L)	CALCIUM				82.6		2	77.6		2	33.8		2	63.3		2	41.4	J+	2	42.3	J+	2
Method 6010	IRON, DISSOLVED	1		0.3	ND	U	0.06	ND	U	0.06	ND	U	0.06	ND	U	0.06	0.0338	J	0.06	ND	U	0.06
	LEAD				ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
	MAGNESIUM				11.4		3	10.8		3	4.65	J	3	9.11		3	6.9		3	7		3
	MANGANESE, DISSOLVED	0.2		0.05	0.0168		0.6	0.0169		0.6	0.0133	J	0.6	**0.058**		0.6	ND	U	0.6	ND	U	0.6
	POTASSIUM				3.9	J	3	3.71	J	3	2.7	J	3	2.91	J	3	3.61	J	3	3.6	J	3
	SODIUM				43.8		3	42.5	J+	3	34.6	J+	3	30.7		3	22.2		3	22.3		3
Anions (mg/L)	CHLORIDE	250		250	78.7			80.2			19.6			28.6		0.33	32.1		0.33	32.2		0.33
Method E3.0	NITRATE (Calculated)	10		10																		
	NITRATE	10		10	2.69			2.76			0.646			0.106	J	0.1	0.117	J-	0.1	0.116	J-	0.1
	NITRATE (Method E353.2)	10		10																		
	NITRITE (Method SM45NO2B)																					
	NITROGEN, NITRATE-NITRITE (Meth. E353.2)		4																			
	SULFATE	250		250	132			134			44.3			36.9		1	26		1	26		1
	SULFIDE, TOTAL (Method SM45S2CF)				ND	U		ND	U		ND	U		ND	U	1.79	ND	U	1.85	ND	U	1.85
Anions (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)				81.7			81.3			93.1			163		1	102		1	103		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)				ND	U		ND	U		ND	U		ND	U	1	ND	U	1	ND	U	1
Anions (mg/L)	AMMONIA (AS N) (Method SM45NH3BG)				ND	U		ND	U		ND	U		0.128	J	0.15	ND	U	0.15	ND	U	0.15
Field Parameters	Temperature (°C)				18.44			18.44			19.12			19.27			22.14			22.14		
	pH (S.U.)				7.69			7.69			7.85			5.50			7.53			7.53		
	Spec Cond (µS/cm2)				715.2			715.2			350.6			215.5			330.6			330.6		
	DO (mg/L)				9.55			9.55			5.86			0.44			5.22			5.22		
	ORP (mV)				191			191			162			240			150			150		
	Turbidity (NTU)				0.85			0.85			0.65			0.57			1.06			1.06		
	Alkalinity (mg/L as CaCO3)				82			82			103			175			135			135		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED-HWB Approved Background Concentrations, SNL/Kirtland AFB, Chemical Constituents in Ground Water.
[c] EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, Ne
[d] The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene,
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL).
J+ = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
J- = estimated value, concentration is less than PQL but greater than laboratory method detection limit (MCL); bias
U = Analyte was not detected. The reported numerical value is at or below the MDL.
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the MDL.
N/A = Not applicable
ND = Not detected
NM = Not measured
Blank cell = No results or no data

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Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-3	Regional	4/1/2011			549.00		4810.75	4810.75	4810.75		Yes
KAFB-3	Regional	5/1/2011			548.00		4811.75	4811.75	4811.75		Yes
KAFB-3	Regional	6/1/2011			545.00		4814.75	4814.75	4814.75		Yes
KAFB-15	Regional	4/1/2011			490.00		4849.24	4849.24	4849.24		Yes
KAFB-15	Regional	5/1/2011			490.00		4849.24	4849.24	4849.24		Yes
KAFB-15	Regional	6/1/2011			490.00		4849.24	4849.24	4849.24		Yes
KAFB-16	Regional	4/1/2011			527.00		4843.48	4843.48	4843.48		Yes
KAFB-16	Regional	5/1/2011			518.00		4852.48	4852.48	4852.48		Yes
KAFB-16	Regional	6/1/2011			518.00		4852.48	4852.48	4852.48		Yes
KAFB-1061	Shallow	4/25/2011	1200		487.17	0.00	4857.82	4857.82	4857.82		Yes
KAFB-1061	Shallow	5/19/2011	1200		487.29	0.00	4857.70	4857.70	4857.70		Yes
KAFB-1061	Shallow	6/28/2011	1200		488.09	0.00	4856.90	4856.90	4856.90		Yes
KAFB-1062	Shallow	4/25/2011	1435		484.34	0.00	4857.91	4857.91	4857.91		Yes
KAFB-1062	Shallow	5/19/2011	1200		484.78	0.00	4857.47	4857.47	4857.47		Yes
KAFB-1062	Shallow	6/28/2011	1200		484.97	0.00	4857.28	4857.28	4857.28		Yes
KAFB-1063	Shallow	4/25/2011	1300		481.99	0.00	4858.23	4858.23	4858.23		Yes
KAFB-1063	Shallow	5/19/2011	1200		482.69	0.00	4857.53	4857.53	4857.53		Yes
KAFB-1063	Shallow	6/28/2011	1200		486.87	0.00	4853.35	4853.35	4853.35		No
KAFB-1064	Shallow	4/25/2011	1200		488.32	0.00	4857.46	4857.46	4857.46		Yes
KAFB-1064	Shallow	5/19/2011	1200		488.48	0.00	4857.30	4857.30	4857.30		Yes
KAFB-1064	Shallow	6/28/2011	1200		488.93	0.00	4856.85	4856.85	4856.85		Yes
KAFB-1065	Shallow	4/25/2011	1552	489.00	489.06	0.06	4858.03	4857.97	4858.02	4858.03	Yes
KAFB-1065	Shallow	5/19/2011	1200		489.38	0.00	4857.65	4857.65	4857.65		Yes
KAFB-1065	Shallow	6/27/2011	1200		489.99	0.00	4857.04	4857.04	4857.04		Yes
KAFB-1066	Shallow	4/26/2011	1004	493.32	493.65	0.33	4858.28	4857.95	4858.23	4858.28	Yes
KAFB-1066	Shallow	5/19/2011	1200	493.55	494.04	0.49	4858.05	4857.56	4857.97	4858.05	Yes
KAFB-1066	Shallow	6/27/2011	1200	494.14	494.65	0.51	4857.46	4856.95	4857.38	4857.46	Yes
KAFB-1067	Shallow	4/25/2011	1220		491.71	0.00	4857.86	4857.86	4857.86		Yes
KAFB-1067	Shallow	5/19/2011	1200		491.59	0.00	4857.98	4857.98	4857.98		Yes
KAFB-1067	Shallow	6/28/2011	1200		492.05	0.00	4857.52	4857.52	4857.52		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-1068	Shallow	4/25/2011	1616		493.99	0.00	4857.91	4857.91	4857.91		Yes
KAFB-1068	Shallow	5/19/2011	1200		494.10	0.00	4857.80	4857.80	4857.80		Yes
KAFB-1068	Shallow	6/27/2011	1200	494.70	494.72	0.02	4857.20	4857.18	4857.20	4857.20	Yes
KAFB-1069	Shallow	4/25/2011	1526		487.30	0.00	4857.58	4857.58	4857.58		Yes
KAFB-1069	Shallow	5/19/2011	1200		487.68	0.00	4857.20	4857.20	4857.20		Yes
KAFB-1069	Shallow	6/29/2011	1200		487.85	0.00	4857.03	4857.03	4857.03		Yes
KAFB-10610	Shallow	4/25/2011	1140		486.45	0.00	4856.84	4856.84	4856.84		Yes
KAFB-10610	Shallow	5/17/2011	1200		486.51	0.00	4856.78	4856.78	4856.78		Yes
KAFB-10610	Shallow	6/27/2011	1200		486.82	0.00	4856.47	4856.47	4856.47		Yes
KAFB-10611	Shallow	4/26/2011	835		495.91	0.00	4857.28	4857.28	4857.28		Yes
KAFB-10611	Shallow	5/19/2011	1200		496.09	0.00	4857.10	4857.10	4857.10		Yes
KAFB-10611	Shallow	6/28/2011	1200		496.51	0.00	4856.68	4856.68	4856.68		Yes
KAFB-10612	Shallow	4/25/2011	1504		488.64	0.00	4856.76	4856.76	4856.76		Yes
KAFB-10612	Shallow	5/19/2011	1200		488.98	0.00	4856.42	4856.42	4856.42		Yes
KAFB-10612	Shallow	6/28/2011	1200		489.17	0.00	4856.23	4856.23	4856.23		Yes
KAFB-10613	Shallow	4/25/2011	1314		493.76	0.00	4856.98	4856.98	4856.98		Yes
KAFB-10613	Shallow	5/17/2011	1200		464.97	0.00	4885.77	4885.77	4885.77		Yes
KAFB-10613	Shallow	6/27/2011	1200		494.34	0.00	4856.40	4856.40	4856.40		Yes
KAFB-10614	Shallow	4/26/2011	855		493.00	0.00	4857.29	4857.29	4857.29		Yes
KAFB-10614	Shallow	5/19/2011	1200		493.26	0.00	4857.03	4857.03	4857.03		Yes
KAFB-10614	Shallow	6/28/2011	1200		493.51	0.00	4856.78	4856.78	4856.78		Yes
KAFB-10615	Shallow	4/25/2011	1545		487.91	0.00	4854.67	4854.67	4854.67		Yes
KAFB-10615	Shallow	5/19/2011	1200		487.88	0.00	4854.70	4854.70	4854.70		Yes
KAFB-10615	Shallow	6/28/2011	1200		488.62	0.00	4853.96	4853.96	4853.96		Yes
KAFB-10616	Shallow	4/25/2011	903		484.38	0.00	4858.13	4858.13	4858.13		Yes
KAFB-10616	Shallow	5/19/2011	1200		484.35	0.00	4858.16	4858.16	4858.16		Yes
KAFB-10616	Shallow	6/28/2011	1200		484.76	0.00	4857.75	4857.75	4857.75		Yes
KAFB-10617	Shallow	4/25/2011	1029		486.39	0.00	4856.13	4856.13	4856.13		Yes
KAFB-10617	Shallow	5/17/2011	1200		486.39	0.00	4856.13	4856.13	4856.13		Yes
KAFB-10617	Shallow	6/27/2011	1200		486.76	0.00	4855.76	4855.76	4855.76		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-10618	Shallow	4/25/2011	930		479.89	0.00	4856.39	4856.39	4856.39		Yes
KAFB-10618	Shallow	5/17/2011	1200		480.90	0.00	4855.38	4855.38	4855.38		Yes
KAFB-10618	Shallow	6/27/2011	1200		480.30	0.00	4855.98	4855.98	4855.98		Yes
KAFB-10619	Shallow	4/25/2011	1121		498.35	0.00	4856.28	4856.28	4856.28		Yes
KAFB-10619	Shallow	5/17/2011	1200		498.40	0.00	4856.23	4856.23	4856.23		Yes
KAFB-10619	Shallow	6/27/2011	1200		498.66	0.00	4855.97	4855.97	4855.97		Yes
KAFB-10620	Shallow	4/25/2011	1323		484.58	0.00	4856.50	4856.50	4856.50		Yes
KAFB-10620	Shallow	5/17/2011	1200		484.79	0.00	4856.29	4856.29	4856.29		Yes
KAFB-10620	Shallow	6/27/2011	1200		485.11	0.00	4855.97	4855.97	4855.97		Yes
KAFB-10621	Shallow	4/25/2011	910		458.35	0.00	4856.05	4856.05	4856.05		Yes
KAFB-10621	Shallow	5/17/2011	1200		458.38	0.00	4856.02	4856.02	4856.02		Yes
KAFB-10621	Shallow	6/27/2011	1200		458.67	0.00	4855.73	4855.73	4855.73		Yes
KAFB-10622	Shallow	4/25/2011	1050		462.49	0.00	4855.52	4855.52	4855.52		Yes
KAFB-10622	Shallow	5/17/2011	1200		462.53	0.00	4855.48	4855.48	4855.48		Yes
KAFB-10622	Shallow	6/27/2011	1200		462.95	0.00	4855.06	4855.06	4855.06		Yes
KAFB-10623	Shallow	4/25/2011	1106		472.67	0.00	4856.14	4856.14	4856.14		Yes
KAFB-10623	Shallow	5/17/2011	1200		472.70	0.00	4856.11	4856.11	4856.11		Yes
KAFB-10623	Shallow	6/27/2011	1200		473.25	0.00	4855.56	4855.56	4855.56		Yes
KAFB-10624	Shallow	4/25/2011	1138		485.65	0.00	4857.82	4857.82	4857.82		Yes
KAFB-10624	Shallow	5/19/2011	1200		485.61	0.00	4857.86	4857.86	4857.86		Yes
KAFB-10624	Shallow	6/28/2011	1200		486.12	0.00	4857.35	4857.35	4857.35		Yes
KAFB-10625	Shallow	4/25/2011	820		462.29	0.00	4855.01	4855.01	4855.01		Yes
KAFB-10625	Shallow	5/17/2011	1200		462.25	0.00	4855.05	4855.05	4855.05		Yes
KAFB-10625	Shallow	6/27/2011	1200		462.64	0.00	4854.66	4854.66	4854.66		Yes
KAFB-10626	Shallow	4/25/2011	845		468.68	0.00	4853.99	4853.99	4853.99		Yes
KAFB-10626	Shallow	5/17/2011	1200		468.63	0.00	4854.04	4854.04	4854.04		Yes
KAFB-10626	Shallow	6/27/2011	1200		468.90	0.00	4853.77	4853.77	4853.77		Yes
KAFB-10627	Shallow	4/25/2011	846		489.98	0.00	4858.56	4858.56	4858.56		Yes
KAFB-10627	Shallow	5/19/2011	1200		489.91	0.00	4858.63	4858.63	4858.63		Yes
KAFB-10627	Shallow	6/28/2011	1200		490.40	0.00	4858.14	4858.14	4858.14		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-10628-510	Shallow	4/25/2011	1222		491.79	0.00	4857.27	4857.27	4857.27		Yes
KAFB-10628-510	Shallow	5/19/2011	1200		492.01	0.00	4857.05	4857.05	4857.05		Yes
KAFB-10628-510	Shallow	6/28/2011	1200		496.30	0.00	4852.76	4852.76	4852.76		No
KAFB-106029	Shallow	6/27/2011	1200		455.85	0.00	4855.11	4855.11	4855.11		Yes
KAFB-106030	Intermediate	6/27/2011	1200		456.01	0.00	4855.01	4855.01	4855.01		Yes
KAFB-106031	Deep	6/27/2011	1200		456.07	0.00	4854.99	4854.99	4854.99		Yes
KAFB-106041	Shallow	6/27/2011	1200		472.42	0.00	4852.02	4852.02	4852.02		Yes
KAFB-106042	Intermediate	6/27/2011	1200		469.24	0.00	4854.90	4854.90	4854.90		Yes
KAFB-106043	Deep	6/27/2011	1200		470.10	0.00	4854.28	4854.28	4854.28		Yes
KAFB-106044	Intermediate	4/25/2011	832		489.97	0.00	4858.87	4858.87	4858.87		Yes
KAFB-106044	Intermediate	5/19/2011	1200		490.01	0.00	4858.83	4858.83	4858.83		Yes
KAFB-106044	Intermediate	6/28/2011	1200		490.70	0.00	4858.14	4858.14	4858.14		Yes
KAFB-106045	Deep	4/25/2011	806		489.59	0.00	4858.89	4858.89	4858.89		Yes
KAFB-106045	Deep	5/19/2011	1200		490.74	0.00	4857.74	4857.74	4857.74		Yes
KAFB-106045	Deep	6/28/2011	1200		490.40	0.00	4858.08	4858.08	4858.08		Yes
KAFB-106046	Shallow	4/25/2011	1343		495.04	0.00	4857.88	4857.88	4857.88		Yes
KAFB-106046	Shallow	5/19/2011	1200		495.45	0.00	4857.47	4857.47	4857.47		Yes
KAFB-106046	Shallow	6/28/2011	1200		495.85	0.00	4857.07	4857.07	4857.07		Yes
KAFB-106047	Intermediate	4/25/2011	1310		495.08	0.00	4857.74	4857.74	4857.74		Yes
KAFB-106047	Intermediate	5/19/2011	1200		495.49	0.00	4857.33	4857.33	4857.33		Yes
KAFB-106047	Intermediate	6/28/2011	1200		496.20	0.00	4856.62	4856.62	4856.62		Yes
KAFB-106048	Deep	4/25/2011	1400		494.93	0.00	4857.66	4857.66	4857.66		Yes
KAFB-106048	Deep	5/19/2011	1200		495.24	0.00	4857.35	4857.35	4857.35		Yes
KAFB-106048	Deep	6/28/2011	1200		495.89	0.00	4856.70	4856.70	4856.70		Yes
KAFB-106049	Shallow	6/27/2011	1200		461.43	0.00	4854.72	4854.72	4854.72		Yes
KAFB-106050	Shallow	6/27/2011	1200		460.89	0.00	4854.69	4854.69	4854.69		Yes
KAFB-106051	Deep	6/27/2011	1200		461.19	0.00	4854.69	4854.69	4854.69		Yes
KAFB-106059	Shallow	5/19/2011	1200	487.13	487.36	0.23	4857.67	4857.44	4857.63	4857.67	Yes
KAFB-106059	Shallow	6/27/2011	1200	487.50	488.12	0.62	4857.30	4856.68	4857.20	4857.30	Yes
KAFB-106060	Intermediate	4/26/2011	945		486.74	0.00	4858.60	4858.60	4858.60		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-106060	Intermediate	5/19/2011	1200		487.79	0.00	4857.55	4857.55	4857.55		Yes
KAFB-106060	Intermediate	6/27/2011	1200		488.26	0.00	4857.08	4857.08	4857.08		Yes
KAFB-106061	Deep	5/19/2011	1200		487.56	0.00	4857.67	4857.67	4857.67		Yes
KAFB-106061	Deep	6/27/2011	1200		487.97	0.00	4857.26	4857.26	4857.26		Yes
KAFB-106062	Shallow	4/25/2011	1513		493.29	0.00	4857.92	4857.92	4857.92		Yes
KAFB-106062	Shallow	5/19/2011	1200		493.84	0.00	4857.37	4857.37	4857.37		Yes
KAFB-106062	Shallow	6/29/2011	1200		494.42	0.00	4856.79	4856.79	4856.79		Yes
KAFB-106063	Intermediate	4/25/2011	1500		494.00	0.00	4857.88	4857.88	4857.88		Yes
KAFB-106063	Intermediate	5/19/2011	1200		494.45	0.00	4857.43	4857.43	4857.43		Yes
KAFB-106063	Intermediate	6/29/2011	1200		495.02	0.00	4856.86	4856.86	4856.86		Yes
KAFB-106064	Deep	4/25/2011	1445		493.28	0.00	4857.80	4857.80	4857.80		Yes
KAFB-106064	Deep	5/19/2011	1200		493.68	0.00	4857.40	4857.40	4857.40		Yes
KAFB-106064	Deep	6/29/2011	1200		494.17	0.00	4856.91	4856.91	4856.91		Yes
KAFB-106065	Intermediate	6/28/2011	1200		492.40	0.00	4856.42	4856.42	4856.42		Yes
KAFB-106066	Deep	6/28/2011	1200		496.77	0.00	4852.36	4852.36	4852.36		Yes
KAFB-106067	Shallow	5/19/2011	1200		490.94	0.00	4856.59	4856.59	4856.59		Yes
KAFB-106067	Shallow	6/27/2011	1200		491.20	0.00	4856.33	4856.33	4856.33		Yes
KAFB-106068	Intermediate	6/27/2011	1200		491.34	0.00	4855.89	4855.89	4855.89		Yes
KAFB-106069	Deep	5/19/2011	1200		490.67	0.00	4856.61	4856.61	4856.61		Yes
KAFB-106069	Deep	6/27/2011	1200		490.99	0.00	4856.29	4856.29	4856.29		Yes
KAFB-106070	Shallow	6/27/2011	1200		463.24	0.00	4855.25	4855.25	4855.25		Yes
KAFB-106071	Intermediate	6/27/2011	1200		465.42	0.00	4855.43	4855.43	4855.43		Yes
KAFB-106072	Deep	6/27/2011	1200		463.73	0.00	4855.58	4855.58	4855.58		Yes
KAFB-106073	Intermediate	5/19/2011	1200		483.20	0.00	4856.57	4856.57	4856.57		Yes
KAFB-106073	Intermediate	6/29/2011	1200		483.75	0.00	4856.02	4856.02	4856.02		Yes
KAFB-106074	Deep	5/20/2011	1200		484.34	0.00	4856.30	4856.30	4856.30		Yes
KAFB-106074	Deep	6/29/2011	1200		484.52	0.00	4856.12	4856.12	4856.12		Yes
KAFB-106075	Shallow	5/20/2011	1200		484.31	0.00	4856.23	4856.23	4856.23		Yes
KAFB-106075	Shallow	6/29/2011	1200		484.45	0.00	4856.09	4856.09	4856.09		Yes
KAFB-106076	Shallow	4/25/2011	945	486.67	486.93	0.26	4858.17	4857.91	4858.13	4858.17	Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-106076	Shallow	5/19/2011	1200	486.92	487.81	0.89	4857.92	4857.03	4857.78	4857.92	Yes
KAFB-106076	Shallow	6/28/2011	1200	487.69	488.71	1.02	4857.15	4856.13	4856.99	4857.15	Yes
KAFB-106077	Intermediate	4/25/2011	1115		487.90	0.00	4856.83	4856.83	4856.83		Yes
KAFB-106077	Intermediate	5/19/2011	1200		488.40	0.00	4856.33	4856.33	4856.33		Yes
KAFB-106077	Intermediate	6/28/2011	1200		489.14	0.00	4855.59	4855.59	4855.59		Yes
KAFB-106078	Deep	4/25/2011	1045		487.18	0.00	4857.44	4857.44	4857.44		Yes
KAFB-106078	Deep	5/19/2011	1200		487.57	0.00	4857.05	4857.05	4857.05		Yes
KAFB-106078	Deep	6/28/2011	1200		488.37	0.00	4856.25	4856.25	4856.25		Yes
KAFB-106079	Shallow	5/19/2011	1200		492.66	0.00	4857.00	4857.00	4857.00		Yes
KAFB-106079	Shallow	6/29/2011	1200		492.92	0.00	4856.74	4856.74	4856.74		Yes
KAFB-106080	Intermediate	5/19/2011	1200		491.16	0.00	4857.29	4857.29	4857.29		Yes
KAFB-106080	Intermediate	6/29/2011	1200		491.66	0.00	4856.79	4856.79	4856.79		Yes
KAFB-106081	Deep	5/19/2011	1200		492.43	0.00	4857.04	4857.04	4857.04		Yes
KAFB-106081	Deep	6/29/2011	1200		492.95	0.00	4856.52	4856.52	4856.52		Yes
KAFB-106082	Shallow	4/25/2011	958		478.10	0.00	4856.83	4856.83	4856.83		Yes
KAFB-106082	Shallow	5/19/2011	1200		478.63	0.00	4856.30	4856.30	4856.30		Yes
KAFB-106082	Shallow	6/27/2011	1200		479.03	0.00	4855.90	4855.90	4855.90		Yes
KAFB-106083	Intermediate	4/25/2011	958		477.95	0.00	4856.87	4856.87	4856.87		Yes
KAFB-106083	Intermediate	5/19/2011	1200		478.46	0.00	4856.36	4856.36	4856.36		Yes
KAFB-106083	Intermediate	6/27/2011	1200		478.91	0.00	4855.91	4855.91	4855.91		Yes
KAFB-106084	Deep	4/25/2011	958		477.30	0.00	4856.91	4856.91	4856.91		Yes
KAFB-106084	Deep	5/19/2011	1200		477.80	0.00	4856.41	4856.41	4856.41		Yes
KAFB-106084	Deep	6/27/2011	1200		478.25	0.00	4855.96	4855.96	4855.96		Yes
KAFB-106088	Shallow	6/27/2011	1200		468.93	0.00	4855.34	4855.34	4855.34		Yes
KAFB-106089	Intermediate	6/27/2011	1200		468.63	0.00	4854.98	4854.98	4854.98		Yes
KAFB-106090	Deep	6/27/2011	1200		467.49	0.00	4855.45	4855.45	4855.45		Yes
KAFB-106097	Intermediate	5/19/2011	1200		490.72	0.00	4857.15	4857.15	4857.15		Yes
KAFB-106097	Intermediate	6/27/2011	1200		490.54	0.00	4857.33	4857.33	4857.33		Yes
KAFB-106098	Deep	5/19/2011	1200		490.81	0.00	4857.12	4857.12	4857.12		Yes
KAFB-106098	Deep	6/27/2011	1200		491.30	0.00	4856.63	4856.63	4856.63		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
April-June 2011
(Historical Data in Appendix E)

Well	AQUIFER ZONE	Date	Time	DEPTH TO PRODUCT	DEPTH TO WATER	MEASURED NAPL THICKNESS	TOP FLUID ELEV. (ft)[2]	GROUND WATER ELEV. (ft)	GW. ELEV. CORRECTED FOR NAPL (ft)[1]	NAPL ELEV. (ft)	USE
KAFB-106099	Intermediate	6/28/2011	1200		485.99	0.00	4856.91	4856.91	4856.91		Yes
KAFB-106100	Deep	5/19/2011	1200		485.31	0.00	4857.53	4857.53	4857.53		Yes
KAFB-106100	Deep	6/28/2011	1200		485.99	0.00	4856.85	4856.85	4856.85		Yes
KAFB-106101	Intermediate	4/26/2011	910		481.81	0.00	4858.52	4858.52	4858.52		Yes
KAFB-106101	Intermediate	5/19/2011	1200		482.69	0.00	4857.64	4857.64	4857.64		Yes
KAFB-106101	Intermediate	6/28/2011	1200		486.30	0.00	4854.03	4854.03	4854.03		Yes
KAFB-106102	Deep	4/26/2011	910		482.05	0.00	4858.23	4858.23	4858.23		Yes
KAFB-106102	Deep	5/19/2011	1200		482.80	0.00	4857.48	4857.48	4857.48		Yes
KAFB-106102	Deep	6/28/2011	1200		485.16	0.00	4855.12	4855.12	4855.12		Yes
KAFB-3411	Shallow	4/25/2011	934		485.87	0.00	4857.79	4857.79	4857.79		Yes
KAFB-3411	Shallow	5/19/2011	1200		485.82	0.00	4857.84	4857.84	4857.84		Yes
KAFB-3411	Shallow	6/28/2011	1200		486.35	0.00	4857.31	4857.31	4857.31		Yes

Notes:

1. $H_{gw} = \rho_r Z_{an} + (1-\rho_r)Z_{nw}$, where ρ_r = density ratio (ρ_n/ρ_w), Z_{an} = Elev. Air/NAPL interface, Z_{nw} = Elev. NAPL/water interface, Charbeneau, 2007, Eq. 2.21
2. Locations without groundwater elevations waiting on casing elevation survey data.

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Table 5-4. EDB Time Series Concentration in Well KAFB-10622

SAMPLE DATE	EDB Conc. (µg/L)	EDB MCL (µg/L)
6/19/2009	0.59	0.05
10/13/2009	0.63	0.05
1/20/2010	0.92	0.05
4/26/2010	0.94	0.05
7/19/2010	0.97	0.05
10/7/2010	0.86	0.05
2/9/2011	0.92	0.05
5/11/2011	1.12	0.05

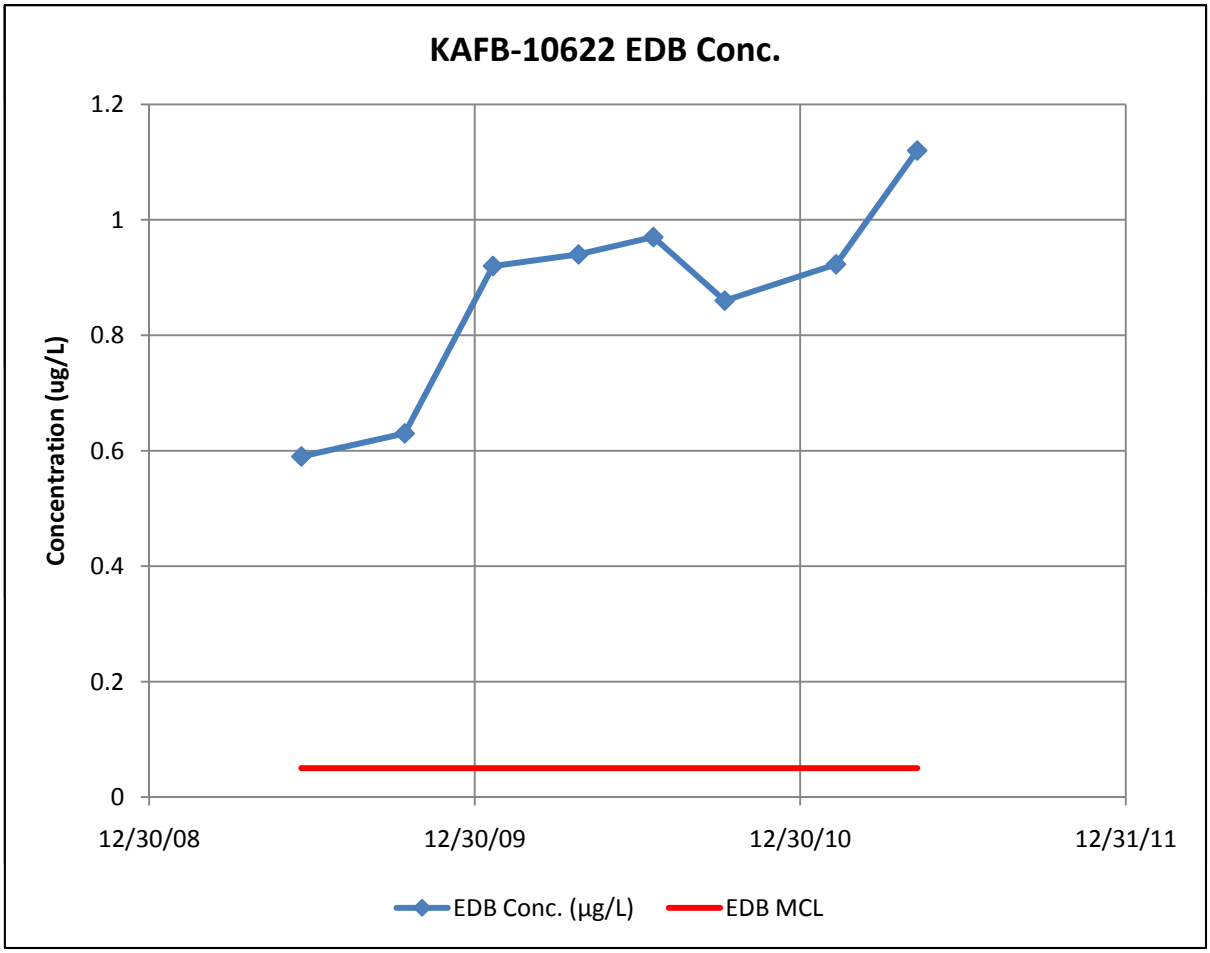

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Table 5-5. Degradation Indicators

Degradation Indicator	Indicator Group	Conc. Change Indicating Microbial Degradation	Description	Comments
Ammonia	Nutrient	Decrease	Nutrient	Absence of nutrients may limit degradation
Orthophosphate		Decrease	Nutrient	
Dissolved oxygen	Electron acceptors	Decrease	Electron acceptor	Degrades to carbon dioxide (CO_2)
Oxidation-reduction potential		Decrease	Electron acceptor	General indicator parameter
Nitrate		Decrease	Under anaerobic degradation of carbon, nitrate (NO_3^-) is electron acceptor resulting in increase in nitrite (NO_2^-) or nitrogen (N_2)	Complete nitrate/nitrite reduction produces dissolved nitrogen
Iron, Fe^{2+}		Increase	Under anaerobic degradation of carbon, ferric iron (Fe^{3+}) is electron acceptor resulting in increase in ferrous iron (Fe^{2+})	Ferrous iron more stable in natural water than ferric iron
Manganese		Increase	Under anaerobic degradation of carbon, manganese iron (Mn^{4+}) is electron acceptor resulting in increase in manganese (Mn^{2+})	Mn^{2+} more stable in natural water than Mn^{4+}
Sulfate		Decrease	Under anaerobic degradation of carbon, sulfur (S^{6+}) is electron acceptor resulting in increase in sulfide (S^{2-})	Presence of sulfate minerals in soil may mitigate sulfate decreases
Carbon dioxide	By-products	Increase	Degradation by-product	O_2 reduction by-product
Nitrogen, total		Decrease	Degradation by-product	NO_3^- reduction by-product
Sulfide		Increase	Under anaerobic degradation of carbon, sulfur (S^{6+}) is electron acceptor resulting in increase in sulfide (S^{2-})	SO_4^{2-} reduction by-product

Table 5-5. Degradation Indicators (concluded)

Degradation Indicator	Indicator Group	Conc. Change Indicating Microbial Degradation	Description	Comments
Alkalinity, total	Indirect by-products	Increase	Mineral dissolution resulting from CO_2 increase	Dependant on presence of carbonate minerals in soil
Calcium		Increase	Mineral dissolution resulting from CO_2 increase	Dependant on presence of carbonate minerals in soil
Magnesium		Increase	Mineral dissolution resulting from CO_2 increase	Dependant on presence of carbonate minerals in soil
Benzene	Electron donors	Decrease	Carbon electron donor	
1,2-Dibromomethane (EDB)		Decrease	Carbon electron donor	
Toluene		Decrease	Carbon electron donor	
Xylenes-m,p		Decrease	Carbon electron donor	
Other organic compounds		Decrease	Carbon electron donor	
Total Petroleum Hydrocarbon (TPH) (Diesel Range Oganics)		Decrease	Carbon electron donor	
TPH (Gasoline Range Organics)		Decrease	Carbon electron donor	

Table 6-1. IDW Roll-Off Bin Sampling and Disposal, April – June 2011

Roll-Off Bin Number	Date Sampled	Sample ID	Well Location	Disposal
22027	4/1/2011	106046IDW1	KAFB-106046	Landfill
20B-27	4/4/2011	106046IDW2	KAFB-106046	Landfill
413812	4/4/2011	106046IDW3	KAFB-106046	Landfill
SD0607.20	4/4/2011	106059IDW1	KAFB-106059	Landfill
A20-088	4/4/2011	106077IDW1	KAFB-106077	Landfill
104052	4/4/2011	106077IDW2	KAFB-106077	Landfill
6	4/4/2011	106077IDW3	KAFB-106077	Landfill
22026	4/4/2011	106083IDW1	KAFB-106083	Landfill
A20-081	4/4/2011	106083IDW2	KAFB-106083	Landfill
11	4/4/2011	106083IDW3	KAFB-106083	Disposed Offsite
413808	4/6/2011	106059IDW2	KAFB-106059	Landfill
SD1101.20	4/6/2011	106059IDW3	KAFB-106059	Landfill
A20-037	4/6/2011	106075IDW1	KAFB-106075	Landfill
104057	4/6/2011	106080IDW1	KAFB-106080	Landfill
DB496	4/6/2011	106080IDW2	KAFB-106080	Landfill
104050	4/6/2011	106138IDW1	KAFB-106138	Landfill
DB495	4/6/2011	106138IDW2	KAFB-106138	Landfill
22023	4/7/2011	106081IDW5	KAFB-106081	Landfill
22025	4/7/2011	106081IDW6	KAFB-106081	Landfill
104053	4/7/2011	106141IDW1	KAFB-106141	Landfill
DB483	4/7/2011	106141IDW2	KAFB-106141	Landfill
20001	4/13/2011	106060IDW1	KAFB-106060	Landfill
20B-29	4/13/2011	106075IDW2	KAFB-106075	Landfill
A20-028	4/13/2011	106080IDW3	KAFB-106080	Landfill
20B-28	4/18/2011	106060IDW2	KAFB-106060	Landfill
DB488	4/18/2011	106075IDW3	KAFB-106075	Landfill
A20-074	4/18/2011	106080IDW4	KAFB-106080	Landfill
DB482	4/18/2011	106080IDW5	KAFB-106080	Landfill
413803	4/18/2011	106098IDW1	KAFB-106098	Landfill
20B-25	4/18/2011	106098IDW2	KAFB-106098	Landfill
104058	4/18/2011	106098IDW3	KAFB-106098	Landfill
SD0606.20	4/19/2011	106051IDW1	KAFB-106051	Landfill
SD0608.20	4/19/2011	106069IDW1	KAFB-106069	Landfill
104056	4/19/2011	106072IDW1	KAFB-106072	Landfill
SD0605.20	4/19/2011	106072IDW2	KAFB-106072	Landfill
A20-024	4/19/2011	106074IDW1	KAFB-106074	Landfill

Table 6-1. IDW Roll-Off Bin Sampling and Disposal, April – June 2011 (continued)

Roll-Off Bin Number	Date Sampled	Sample ID	Well Location	Disposal
104051	4/19/2011	106142IDW1	KAFB-106142	Landfill
20B008	4/19/2011	106142IDW2	KAFB-106142	Landfill
20B001	4/25/2011	106051IDW2	KAFB-106051	Landfill
413810	4/25/2011	106051IDW3	KAFB-106051	Landfill
A20-068	4/25/2011	106069IDW2	KAFB-106069	Landfill
A20-067	4/25/2011	106074IDW2	KAFB-106074	Landfill
DB483	4/25/2011	106074IDW3	KAFB-106074	Landfill
A20-014	4/25/2011	106097IDW1	KAFB-106097	Landfill
A20-033	4/25/2011	106097IDW2	KAFB-106097	Landfill
SD1103.20	4/29/2011	106050IDW1	KAFB-106050	Landfill
22023	4/29/2011	106050IDW2	KAFB-106050	Landfill
104054	4/29/2011	106066IDW1	KAFB-106066	Landfill
12	4/29/2011	106068IDW1	KAFB-106068	Landfill
SD1102.20	4/29/2011	106072IDW3	KAFB-106072	Landfill
413806	4/29/2011	106072IDW4	KAFB-106072	Landfill
DB481	4/29/2011	106074IDW4	KAFB-106074	Landfill
413805	4/29/2011	106074IDW5	KAFB-106074	Landfill
22027	4/29/2011	106100IDW1	KAFB-106100	Landfill
413811	5/2/2011	106050IDW3	KAFB-106050	Landfill
104057	5/2/2011	106066IDW2	KAFB-106066	Landfill
413812	5/2/2011	106066IDW3	KAFB-106066	Landfill
6	5/2/2011	106066IDW4	KAFB-106066	Landfill
104050	5/2/2011	106068IDW2	KAFB-106068	Landfill
413808	5/2/2011	106068IDW3	KAFB-106068	Landfill
413804	5/2/2011	106068IDW4	KAFB-106068	Landfill
104052	5/2/2011	106073IDW1	KAFB-106073	Landfill
413803	5/2/2011	106073IDW2	KAFB-106073	Landfill
104059	5/2/2011	106100IDW2	KAFB-106100	Landfill
413809	5/2/2011	106100IDW3	KAFB-106100	Landfill
20B-27	5/4/2011	106049IDW1	KAFB-106049	Landfill
20B-29	5/4/2011	106067IDW1	KAFB-106067	Landfill
A20-028	5/4/2011	106071IDW1	KAFB-106071	Landfill
DB488	5/4/2011	106071IDW2	KAFB-106071	Landfill
DB482	5/4/2011	106073IDW3	KAFB-106073	Landfill
20B-28	5/11/2011	106049IDW2	KAFB-106049	Landfill
SD1101.20	5/11/2011	106049IDW3	KAFB-106049	Landfill

Table 6-1. IDW Roll-Off Bin Sampling and Disposal, April – June 2011 (continued)

Roll-Off Bin Number	Date Sampled	Sample ID	Well Location	Disposal
DB496	5/11/2011	106067IDW2	KAFB-106067	Landfill
A20-081	5/11/2011	106067IDW3	KAFB-106067	Landfill
DB495	5/11/2011	106071IDW3	KAFB-106071	Landfill
A20-024	5/13/2011	106043IDW1	KAFB-106043	Landfill
A20-033	5/13/2011	106043IDW2	KAFB-106043	Landfill
A20-074	5/13/2011	106065IDW1	KAFB-106065	Landfill
20B008	5/13/2011	106065IDW2	KAFB-106065	Landfill
A20-068	5/16/2011	106031IDW1	KAFB-106031	Landfill
413810	5/16/2011	106043IDW3	KAFB-106043	Landfill
426461	5/16/2011	106043IDW4	KAFB-106043	Landfill
104056	5/16/2011	106070IDW1	KAFB-106070	Landfill
426465	5/16/2011	106090IDW1	KAFB-106090	Landfill
104058	5/16/2011	106090IDW2	KAFB-106090	Landfill
426464	5/16/2011	106090IDW3	KAFB-106090	Landfill
22025	5/16/2011	106099IDW1	KAFB-106099	Landfill
SD0607.20	5/16/2011	106099IDW2	KAFB-106099	Landfill
SD0606.20	5/16/2011	106099IDW3	KAFB-106099	Landfill
A20-088	5/18/2011	106031IDW2	KAFB-106031	Landfill
426462	5/18/2011	106031IDW3	KAFB-106031	Landfill
DB483	5/18/2011	106065IDW3	KAFB-106065	Landfill
A20-067	5/18/2011	106093IDW1	KAFB-106093	Landfill
A20-037	5/18/2011	106093IDW2	KAFB-106093	Landfill
426460	5/18/2011	106093IDW3	KAFB-106093	Landfill
104051	5/22/2011	106030IDW1	KAFB-106030	Landfill
104057	5/22/2011	106042IDW1	KAFB-106042	Landfill
104054	5/22/2011	106042IDW2	KAFB-106042	Landfill
20B-25	5/22/2011	106070IDW2	KAFB-106070	Landfill
413806	5/22/2011	106070IDW3	KAFB-106070	Landfill
104050	5/22/2011	106089IDW1	KAFB-106089	Landfill
20B-30	5/22/2011	106089IDW2	KAFB-106089	Landfill
413805	5/22/2011	106089IDW3	KAFB-106089	Landfill
A20-014	5/22/2011	106090IDW4	KAFB-106090	Landfill
A20-028	5/22/2011	106092IDW1	KAFB-106092	Landfill
22027	5/22/2011	106121IDW1	KAFB-106121	Landfill
A20-043	5/23/2011	106030IDW2	KAFB-106030	Landfill
413811	5/23/2011	106030IDW3	KAFB-106030	Landfill

Table 6-1. IDW Roll-Off Bin Sampling and Disposal, April – June 2011 (continued)

Roll-Off Bin Number	Date Sampled	Sample ID	Well Location	Disposal
6	5/23/2011	106042IDW3	KAFB-106042	Landfill
413812	5/23/2011	106092IDW2	KAFB-106092	Landfill
20B-27	5/23/2011	106092IDW3	KAFB-106092	Landfill
104052	5/23/2011	106121IDW2	KAFB-106121	Landfill
104059	6/1/2011	106088IDW1	KAFB-106088	Landfill
20B-29	6/1/2011	106088IDW1	KAFB-106088	Landfill
426467	6/1/2011	106088IDW1	KAFB-106088	Landfill
22025	6/3/2011	106029IDW1	KAFB-106029	Landfill
104053	6/3/2011	106029IDW1	KAFB-106029	Landfill
A20-081	6/3/2011	106091IDW1	KAFB-106091	Landfill
426461	6/3/2011	106091IDW1	KAFB-106091	Landfill
22026	6/3/2011	106123IDW1	KAFB-106123	Landfill
22023	6/3/2011	106123IDW2	KAFB-106123	Landfill
426464	6/6/2011	106041IDW1	KAFB-106041	Landfill
104055	6/6/2011	106041IDW1	KAFB-106041	Landfill
104056	6/6/2011	106096IDW1	KAFB-106096	Landfill
20B-28	6/6/2011	106096IDW1	KAFB-106096	Landfill
413805	6/6/2011	106096IDW1	KAFB-106096	Landfill
426462	6/6/2011	106096IDW1	KAFB-106096	Landfill
20B-27	6/9/2011	106034IDW1	KAFB-106034	Landfill
A20-067	6/9/2011	106034IDW1	KAFB-106034	Landfill
15	6/9/2011	106034IDW1	KAFB-106034	Landfill
104057	6/9/2011	106058IDW1	KAFB-106058	Landfill
20B-30	6/9/2011	106058IDW1	KAFB-106058	Landfill
426460	6/9/2011	106058IDW1	KAFB-106058	Landfill
104051	6/9/2011	106104IDW1	KAFB-106104	Landfill
104050	6/9/2011	106104IDW1	KAFB-106104	Landfill
104054	6/9/2011	106104IDW1	KAFB-106104	Landfill
23	6/9/2011	106104IDW1	KAFB-106104	Landfill
A20-074	6/9/2011	106120IDW1	KAFB-106120	Landfill
A20-024	6/9/2011	106120IDW2	KAFB-106120	Landfill
20B-25	6/16/2011	106095IDW1	KAFB-106095	Landfill
A20-014	6/16/2011	106095IDW1	KAFB-106095	Landfill
20B004	6/16/2011	106122IDW1	KAFB-106122	Landfill
12	6/18/2011	106033IDW1	KAFB-106033	Landfill
104052	6/18/2011	106033IDW1	KAFB-106033	Landfill

Table 6-1. IDW Roll-Off Bin Sampling and Disposal, April – June 2011 (concluded)

Roll-Off Bin Number	Date Sampled	Sample ID	Well Location	Disposal
104058	6/18/2011	106057IDW1	KAFB-106057	Landfill
22026	6/18/2011	106057IDW1	KAFB-106057	Landfill
22027	6/18/2011	106087IDW1	KAFB-106087	Landfill
A20-028	6/18/2011	106087IDW1	KAFB-106087	Landfill
426467	6/18/2011	106087IDW1	KAFB-106087	Landfill
A20-068	6/18/2011	106122IDW2	KAFB-106122	Landfill
22023	6/20/2011	106103IDW1	KAFB-106103	Landfill
27	6/20/2011	106103IDW1	KAFB-106103	Landfill
10	6/20/2011	106103IDW1	KAFB-106103	Landfill
104053	6/24/2011	106032IDW1	KAFB-106032	Landfill
16	6/24/2011	106032IDW1	KAFB-106032	Landfill
A20-081	6/24/2011	106055IDW1	KAFB-106055	Landfill
17	6/24/2011	106055IDW1	KAFB-106055	Landfill
6	6/24/2011	106086IDW1	KAFB-106086	Landfill
104059	6/24/2011	106086IDW1	KAFB-106086	Landfill
426460	6/24/2011	106086IDW1	KAFB-106086	Landfill
413804	6/24/2011	106094IDW1	KAFB-106094	Landfill
413812	6/24/2011	106094IDW1	KAFB-106094	Landfill
DB495	6/24/2011	106094IDW1	KAFB-106094	Landfill
1	6/24/2011	106124IDW1	KAFB-106124	Landfill
22025	6/24/2011	106124IDW2	KAFB-106124	Landfill

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Table 6-2. Wastewater Sampling and Disposal, April – June 2011

Tank	Date Sampled	Sample ID	Type of Wastewater	Disposal
106048	4/29/2011	106048WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106062	4/29/2011	106062WW2	Decon/Development Water	Discharged in Bulk Fuels Facility
106063	4/29/2011	106063WW1	Decon/Development Water	Pending Offsite Disposal
106078	4/29/2011	106078WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106081	4/29/2011	106081WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106084	4/29/2011	106084WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106047	5/4/2011	106047WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106061	5/4/2011	106061WW1	Decon/Development Water	Pending Offsite Disposal
106071	5/4/2011	106074WW1	Decon/Development Water	Pending Approval for Discharge
106077	5/4/2011	106077WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106082	5/4/2011	106082WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106083	5/4/2011	106083WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106046	5/5/2011	106046WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106059	5/5/2011	106059WW1	Decon/Development Water	Disposed Offsite as Hazardous Waste
106060	5/5/2011	106060WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106064	5/5/2011	106064WW1	Decon/Development Water	Pending Approval for Discharge
106076	5/5/2011	106076WW1	Decon/Development Water	Disposed Offsite as Hazardous Waste
106080	5/5/2011	106080WW1	Decon/Development Water	Disposed Offsite as Hazardous Waste
106050	5/20/2011	106050WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106066	5/20/2011	106066WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106068	5/20/2011	106068WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106069	5/20/2011	106069WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106075	5/20/2011	106075WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106079	5/20/2011	106079WW1	Decon/Development Water	Pending Approval for Discharge
106098	5/20/2011	106098WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106029	6/18/2011	106029WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106030	6/18/2011	106030WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106031	6/18/2011	106031WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106067	6/18/2011	106067WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106088	6/18/2011	106088WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106089	6/18/2011	106089WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106090	6/18/2011	106090WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106091	6/18/2011	106091WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106093	6/18/2011	106093WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106099	6/18/2011	106099WW1	Decon/Development Water	Discharged in Bulk Fuels Facility

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Table 6-3. IDW Groundwater Sampling Storage and Disposal, April – June 2011

Monitoring Well	IDW Purge Water (Gallons)	Storage/Disposal
KAFB-1061	43	Well
KAFB-1062	40	Well
KAFB-1063	39	Well
KAFB-1064	43	BFF
KAFB-1065	35	Offsite
KAFB-1066	18	Offsite
KAFB-1067	38	Well
KAFB-1068	35	Offsite
KAFB-1069	38	Offsite
KAFB-10610	45	Offsite
KAFB-10611	34	Well
KAFB-10612	38	Well
KAFB-10613	40	BFF
KAFB-10614	40	Offsite
KAFB-10615	45	Well
KAFB-10616	39	Well
KAFB-10617	43	BFF
KAFB-10618	45	BFF (NOI pending)
KAFB-10619	43	BFF (NOI pending)
KAFB-10620	46	BFF
KAFB-10621	50	BFF
KAFB-10622	55	BFF (NOI pending)
KAFB-10623	54	BFF
KAFB-10624	45	BFF (NOI pending)
KAFB-10625	54	BFF
KAFB-10626	37	BFF
KAFB-10627	29	Well
KAFB-10628	42	Offsite
KAFB-3411	35	Well
KAFB-106044	55	Well
KAFB-106045	80	Well
KAFB-106046	39	BFF
KAFB-106047	55	BFF
KAFB-106048	80	BFF
KAFB-106059	42	Offsite
KAFB-106060	55	BFF (NOI pending)
KAFB-106061	140	BFF (NOI pending)
KAFB-106062	124	Well (NOI pending)
KAFB-106063	52	Well
KAFB-106064	32	Well (NOI pending)
KAFB-106067	38	BFF (NOI pending)
KAFB-106068	132	BFF
KAFB-106069	55	BFF (NOI pending)
KAFB-106073	55	BFF (NOI pending)
KAFB-106074	126	BFF
KAFB-106075	41	BFF (NOI pending)
KAFB-106076	34	Offsite

Table 6-3. IDW Groundwater Sampling Storage and Disposal, April – June 2011 (concluded)

Monitoring Well	IDW Purge Water (Gallons)	Storage/Disposal
KAFB-106077	55	BFF (NOI pending)
KAFB-106078	128	BFF (NOI pending)
KAFB-106079	37	Offsite (pending)
KAFB-106080	54	Offsite
KAFB-106081	125	BFF (NOI pending)
KAFB-106082	35	BFF (NOI pending)
KAFB-106083	55	BFF (NOI pending)
KAFB-106084	128	BFF
KAFB-106097	55	BFF
KAFB-106098	80	BFF
KAFB-106099	53	BFF (NOI pending)
KAFB-106100	82	BFF (NOI pending)
KAFB-106101	55	Well
KAFB-106102	76	Well

BFF Indicates IDW purge water storage proximate to the KAFB Bulk Fuels Facility near Shaw's field office trailer.
NOI Notice of Intent
Offsite Indicates the IDW purge water was manifested as hazardous waste and sent offsite for disposal.
Well Indicates IDW purge water was drummed and stored at the well location on KAFB.