TABLES

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Table 2-1

FFOR SVE System - Active Extraction Wells
July through September 2011[a]
Kirtland Air Force Base, New Mexico

Extraction Well ID	Depth of Screened Interval (foot bgs)	Active Extraction Wells During July - September 2011 Operation Period
SVEW-01	245 - 260	**Yes**
SVEW-02	45 - 60	No
SVEW-03	145 - 160	No
SVEW-04	298 - 313	No
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

bgs - Below ground surface

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Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
SVMW-01-050	9/19/2011	VA0687	Reg	-0.36	0.00	6.58	12.58	21	6	1
SVMW-01-100	9/19/2011	VA0688	Reg	-0.43	0.00	8.58	10.21	4,920	6	1
SVMW-01-250	9/19/2011	VA0690	Reg	0.05	0.00	0.66	19.37	30	8	1
SVMW-01-300	9/19/2011	VA0691	Reg	0.08	0.00	0.54	20.16	362	10	1
SVMW-02-050	8/23/2011	VA0692	Reg	0.03	0.00	7.66	12.88	99	18	1.5
SVMW-02-100	8/23/2011	VA0693	Reg	0.08	0.00	9.68	8.78	9,918	18	1.5
SVMW-02-150	8/23/2011	VA0695	Reg	-0.72	0.00	1.86	17.30	2,650	22.5	1.5
SVMW-03-050	9/20/2011	VA0696	Reg	0.16	0.00	5.96	14.85	8	6	1
SVMW-03-100	9/20/2011	VA0697	Reg	0.21	0.00	6.65	8.20	9,369	6	1
SVMW-03-250	9/20/2011	VA0698	Reg	0.06	0.00	1.66	17.09	1,406	8	1
SVMW-03-300	9/20/2011	VA0699	Reg	0.00	0.00	0.10	20.19	124	10	1
SVMW-04-050	9/20/2011	VA0700	Reg	0.00	0.00	8.02	10.25	650	6	1
SVMW-04-100	9/20/2011	VA0384	Reg	0.00	0.02	5.46	14.70	6,730	6	1
SVMW-04-250	9/20/2011	VA0385	Reg	-0.49	0.00	0.9	19.25	520	8	1
SVMW-04-300	9/20/2011	VA0386	Reg	-0.48	0.00	0.6	19.57	90	8	1
SVMW-05-050	9/22/2011	VA0387	Reg	0.01	0.00	3.80	15.54	14	6	1
SVMW-05-100	9/22/2011	VA0388	Reg	-0.34	0.00	5.64	13.69	147	6	1
SVMW-05-230	9/22/2011	VA0389	Reg	-1.00	0.00	0.50	19.91	13	8	1
SVMW-05-290	9/22/2011	VA0390	Reg	-1.00	0.00	0.64	19.73	129	8	1
SVMW-06-050	9/22/2011	VA0391	Reg	-0.16	0.00	2.16	18.13	15	6	1
SVMW-06-100	9/22/2011	VA0392	Reg	-0.34	0.00	3.52	16.36	15	6	1
SVMW-06-252	9/22/2011	VA0393	Reg	-1.00	0.00	1.20	16.08	4,070	8	1
SVMW-06-302	9/22/2011	VA0394	Reg	-1.40	0.00	0.70	18.21	2,960	9	1
SVMW-07-050	8/23/2011	VA0395	Reg	-0.92	0.00	0.90	17.95	46	18	1.5
SVMW-07-100	8/23/2011	VA0396	Reg	-0.20	0.01	6.28	13.67	1,437	22.5	1.5
SVMW-07-150	8/23/2011	VA0398	Reg	-0.12	0.00	5.44	14.74	0	22.5	1.5
SVMW-08-050	8/24/2011	VA0399	Reg	-0.14	0.00	10.96	3.99	6,363	18	1.5
SVMW-08-100	8/24/2011	VA0400	Reg	-0.04	0.00	12.02	6.17	77	18	1.5
SVMW-08-250	8/24/2011	VA0401	Reg	-0.86	0.00	0.82	18.95	124	22.5	1.5
SVMW-08-266	8/24/2011	NO SAMPLE, THE WELL PORT IS PLUGGED								
SVMW-09-050	9/27/2011	VA0403	Reg	-0.16	0.00	7.76	11.22	1,199	6	1
SVMW-09-100	9/27/2011	VA0404	Reg	-0.06	0.00	8.32	10.25	10,467	6	1
SVMW-09-250	9/27/2011	VA0406	Reg	-1.00	0.00	0.76	19.45	736	8	1
SVMW-09-266	9/27/2011	VA0407	Reg	-1.40	0.01	1.16	18.23	6,900	8	1
SVMW-10-050	9/27/2011	VA0408	Reg	0.00	0.00	7.12	13.72	13,473	6	1
SVMW-10-100	9/27/2011	VA0409	Reg	0.00	0.00	8.3	10.03	22,680	8	1
SVMW-10-150	9/27/2011	VA0410	Reg	-0.70	0.00	4.48	14.03	14,013	8	1
SVMW-10-250	9/27/2011	VA0411	Reg	-0.80	0.00	0.86	19.00	4,850	8	1
SVMW-11-050	8/25/2011	VA0412	Reg	0.04	0.00	14.72	2.82	9,770	6	1
SVMW-11-100	8/25/2011	VA0413	Reg	0.00	0.00	11.8	4.23	22,230	6	1
SVMW-11-250	8/25/2011	VA0414	Reg	-1.80	0.00	2.2	16.93	15,300	8	1
SVMW-11-260	8/26/2011	VA0416	Reg	-1.80	0.00	1.82	17.72	12,438	22	1
SVMW-12-150	7/19/2011	VA0417	Reg	-1.00	0.00	0.10	19.83	4	6	1
SVMW-12-250	7/19/2011	VA0418	Reg	-1.40	0.00	0.14	20.59	47	8	1
SVMW-12-350	7/19/2011	VA0419	Reg	-1.60	0.00	0.32	20.37	17	9	1
SVMW-12-450	7/19/2011	VA0420	Reg	-1.20	0.00	0.06	20.94	19	10	1
SVMW-13-150	9/7/2011	VA0421	Reg	-2.00	0.00	0.38	19.48	371	6	1
SVMW-13-250	9/7/2011	VA0422	Reg	-1.00	0.00	0.66	17.27	5	8	1
SVMW-13-350	9/7/2011	VA0423	Reg	-1.20	0.00	1.56	17.44	12	9	1
SVMW-13-450	9/7/2011	VA0425	Reg	-1.60	0.00	0.52	18.59	759	12	1
SVMW-14-150	7/20/2011	VA0426	Reg	0.90	0.00	0.00	21.04	0	9	1
SVMW-14-250	7/20/2011	VA0427	Reg	0.90	0.00	0.16	19.91	2	9	1
SVMW-14-350	7/21/2011	VA0428	Reg	-0.20	0.00	0.10	20.07	11	9	1
SVMW-14-450	7/21/2011	VA0429	Reg	-0.40	0.00	1.56	14.73	190	12	1
SVMW-15-150	9/26/2011	VA0432	Reg	0.04	0.00	0.36	17.95	3	8	1
SVMW-15-250	9/26/2011	VA0433	Reg	0.10	0.00	0.58	18.64	60	8	1
SVMW-15-350	9/26/2011	VA0434	Reg	0.07	0.00	0.80	17.58	8,860	10	1
SVMW-15-450	9/26/2011	VA0435	Reg	0.00	0.00	1.50	17.31	15,624	12	1
KAFB-106028-150	8/15/2011	VA0436	Reg	0.00	0.00	0.00	19.61	4	22.5	1.5

Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106028-250	8/15/2011	VA0437	Reg	0.00	0.00	0.18	20.47	2	27	1.5
KAFB-106028-350	8/15/2011	VA0439	Reg	-0.12	0.00	0.32	20.35	118	27	1.5
KAFB-106028-450	8/15/2011	VA0440	Reg	-0.14	0.00	0.44	19.52	381	30	1.5
SVEW-01-260	8/16/2011	NA	NA	-0.75	0.01	9.46	8.02	9,220	NA	NA
SVEW-02-060	8/16/2011	NA	NA	-0.60	0.00	12.02	4.89	11,259	NA	NA
SVEW-03-160	8/16/2011	NA	NA	-0.32	0.00	10.88	6.13	10,557	NA	NA
SVEW-04-313	8/16/2011	NA	NA	-0.30	0.00	8.10	9.05	4,750	NA	NA
SVEW-05-460	8/16/2011	NA	NA	-0.26	0.01	8.26	8.54	7,030	NA	NA
SVEW-06-060	8/17/2011	NA	NA	-1.70	0.00	10.02	6.87	4,160	NA	NA
SVEW-07-160	8/17/2011	NA	NA	-1.80	0.01	10.14	6.67	4,160	NA	NA
SVEW-08-260	8/17/2011	NA	NA	-1.80	0.01	10.08	6.84	4,500	NA	NA
SVEW-09-460	8/17/2011	NA	NA	-1.60	0.00	10.20	6.41	4,350	NA	NA
SVEW-10-410	7/19/2011	VA0451	Reg	-1.40	0.00	0.20	20.62	3	108	12
SVEW-11-410	9/7/2011	VA0452	Reg	-1.40	0.00	0.42	19.42	371	108	12
SVEW-12-410	7/21/2011	VA0453	Reg	-0.20	0.00	0.16	20.14	121	96	12
SVEW-13-410	9/26/2011	VA0454	Reg	0.00	0.00	1.58	17.55	10,449	108	12
KAFB-106108-025	7/6/2011	VA0455	Reg	0.00	0.00	0.64	20.22	6	18	1.5
KAFB-106108-050	7/6/2011	VA0456	Reg	0.00	0.00	3.22	17.39	7	18	1.5
KAFB-106108-150	7/6/2011	VA0458	Reg	-0.50	0.00	4.62	15.15	185	22.5	1.5
KAFB-106108-250	7/7/2011	VA0459	Reg	-1.00	0.00	0.44	19.66	300	27	1.5
KAFB-106108-350	7/7/2011	VA0460	Reg	-1.00	0.00	0.22	20.42	520	27	1.5
KAFB-106108-450	7/7/2011	VA0461	Reg	-1.00	0.00	0.22	19.57	134	240	12
KAFB-106109-025	7/7/2011	VA0462	Reg	0.00	0.00	0.50	20.17	2	18	1.5
KAFB-106109-050	7/7/2011	VA0463	Reg	0.00	0.00	0.72	19.56	2	18	1.5
KAFB-106109-150	7/7/2011	VA0465	Reg	-1.00	0.00	0.00	20.84	0	22.5	1.5
KAFB-106109-250	7/7/2011	VA0466	Reg	-1.00	0.00	0.32	19.39	13	27	1.5
KAFB-106109-350	7/7/2011	VA0467	Reg	-1.00	0.00	0.26	20.36	98	27	1.5
KAFB-106109-450	7/7/2011	VA0468	Reg	-0.90	0.00	0.36	20.05	54	240	12
KAFB-106110-025	8/29/2011	VA0469	Reg	0.00	0.00	1.00	19.48	7	18	1.5
KAFB-106110-050	8/29/2011	VA0470	Reg	-0.02	0.00	1.58	18.72	10	18	1.5
KAFB-106110-150	8/29/2011	VA0471	Reg	-0.42	0.00	1.16	18.28	145	22.5	1.5
KAFB-106110-250	8/29/2011	VA0472	Reg	-0.44	0.00	0.56	19.44	16	27	1.5
KAFB-106110-350	8/29/2011	VA0474	Reg	-0.40	0.00	0.18	19.51	159	27	1.5
KAFB-106110-450	8/29/2011	VA0475	Reg	-0.58	0.00	0.24	17.71	6,370	240	12
KAFB-106111-025	9/6/2011	VA0476	Reg	0.00	0.00	0.88	20.00	25	18	1.5
KAFB-106111-050	9/6/2011	VA0477	Reg	0.00	0.00	3.46	15.03	12	18	1.5
KAFB-106111-150	9/6/2011	VA0478	Reg	-0.80	0.00	2.24	16.81	153	22.5	1.5
KAFB-106111-250	9/6/2011	VA0479	Reg	-0.86	0.00	0.64	19.21	40	27	1.5
KAFB-106111-350	9/6/2011	VA0480	Reg	-0.94	0.00	0.10	19.34	334	27	1.5
KAFB-106111-450	9/7/2011	VA0481	Reg	-1.40	0.00	0.90	16.82	7,280	240	12
KAFB-106112-025	9/8/2011	VA0482	Reg	0.00	0.00	0.28	20.10	4	31.5	1.5
KAFB-106112-050	9/8/2011	VA0483	Reg	-0.02	0.00	0.60	19.52	11	18	1.5
KAFB-106112-150	9/8/2011	VA0485	Reg	-2.20	0.00	0.72	17.17	31	22.5	1.5
KAFB-106112-250	9/8/2011	VA0486	Reg	-2.20	0.00	1.34	17.01	63	27	1.5
KAFB-106112-350	9/8/2011	VA0487	Reg	-2.40	0.00	1.30	16.04	8,970	27	1.5
KAFB-106112-450	9/8/2011	VA0488	Reg	-2.80	0.00	1.60	17.74	5,436	240	12
KAFB-106113-020	8/8/2011	VA0489	Reg	0.00	0.00	0.40	19.57	5	18	1.5
KAFB-106113-050	8/8/2011	VA0490	Reg	-0.10	0.00	0.40	19.50	4	18	1.5
KAFB-106113-150	8/8/2011	VA0491	Reg	-0.20	0.00	0.20	18.56	3	22.5	1.5
KAFB-106113-250	8/8/2011	VA0492	Reg	-0.20	0.00	0.68	19.21	2	27	1.5
KAFB-106113-350	8/8/2011	VA0493	Reg	-0.36	0.00	0.38	17.77	1,498	27	1.5
KAFB-106113-450	8/8/2011	VA0494	Reg	-0.42	0.00	0.38	17.21	4,890	240	12
KAFB-106114-025	8/5/2011	VA0496	Reg	0.00	0.00	0.72	20.64	1	18	1.5
KAFB-106114-050	8/5/2011	VA0497	Reg	-0.06	0.00	0.58	19.29	0	18	1.5
KAFB-106114-150	8/5/2011	VA0498	Reg	-0.64	0.00	0.42	18.52	0	22.5	1.5
KAFB-106114-250	8/5/2011	VA0499	Reg	-0.70	0.00	0.78	19.20	0	27	1.5
KAFB-106114-350	8/5/2011	VA0500	Reg	-0.90	0.00	0.38	20.07	319	45	1.5
KAFB-106114-450	8/5/2011	VA0502	Reg	-0.92	0.00	0.64	18.14	5,832	240	12
KAFB-106115-025	8/9/2011	VA0503	Reg	0.00	0.00	0.44	20.24	2	18	1.5

Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106115-050	8/9/2011	VA0504	Reg	-0.04	0.00	0.58	19.48	5	18	1.5
KAFB-106115-150	8/9/2011	VA0505	Reg	-0.14	0.00	0.36	18.70	4	22.5	1.5
KAFB-106115-250	8/9/2011	VA0507	Reg	-0.12	0.00	0.22	19.54	4	27	1.5
KAFB-106115-350	8/9/2011	VA0508	Reg	-0.36	0.00	0.34	19.59	1,994	27	1.5
KAFB-106115-450	8/9/2011	VA0509	Reg	-0.40	0.00	0.90	16.23	7,850	240	12
KAFB-106116-025	8/10/2011	VA0510	Reg	0.00	0.00	0.54	20.13	1	18	1.5
KAFB-106116-050	8/10/2011	VA0511	Reg	0.00	0.00	0.80	18.20	2	18	1.5
KAFB-106116-150	8/10/2011	VA0512	Reg	0.00	0.00	0.54	17.33	12	22.5	1.5
KAFB-106116-250	8/11/2011	VA0513	Reg	-0.59	0.00	0.00	20.95	1	27	1.5
KAFB-106116-350	8/11/2011	VA0514	Reg	-0.80	0.00	0.86	17.94	5,290	27	1.5
KAFB-106116-450	8/11/2011	VA0515	Reg	-0.90	0.00	1.30	17.73	18,603	240	12
KAFB-106117-025	9/9/2011	VA0516	Reg	0.00	0.00	1.66	19.35	5	18	1.5
KAFB-106117-050	9/9/2011	VA0517	Reg	0.00	0.00	3.34	17.43	1	18	1.5
KAFB-106117-150	9/9/2011	VA0519	Reg	-1.00	0.00	2.38	16.40	4	22.5	1.5
KAFB-106117-250	9/9/2011	VA0520	Reg	-1.00	0.00	0.94	18.30	55	27	1.5
KAFB-106117-350	9/9/2011	VA0521	Reg	-1.20	0.00	3.44	14.03	16,893	27	1.5
KAFB-106117-450	9/9/2011	VA0522	Reg	-1.00	0.00	1.62	16.68	19,620	240	12
KAFB-106118-025	8/24/2011	VA0523	Reg	0.00	0.00	0.86	19.75	6	18	1.5
KAFB-106118-050	8/24/2011	VA0524	Reg	0.00	0.00	2.00	18.28	6	18	1.5
KAFB-106118-160	8/24/2011	VA0525	Reg	-0.78	0.00	1.46	16.87	45	22.5	1.5
KAFB-106118-265	8/24/2011	VA0527	Reg	-0.84	0.00	0.60	17.41	400	27	1.5
KAFB-106118-350	8/25/2011	VA0528	Reg	-1.80	0.00	0.06	20.52	3	27	1.5
KAFB-106118-450	8/25/2011	VA0529	Reg	-1.60	0.00	0.68	18.60	562	240	12
KAFB-106119-025	9/19/2011	VA0530	Reg	0.00	0.00	0.72	20.49	1	18	1.5
KAFB-106119-050	9/19/2011	VA0531	Reg	-0.08	0.00	4.16	16.71	5	18	1.5
KAFB-106119-150	9/19/2011	VA0532	Reg	-1.40	0.00	6.98	9.82	884	22.5	1.5
KAFB-106119-250	9/19/2011	VA0533	Reg	-1.60	0.00	1.34	16.87	206	27	1.5
KAFB-106119-350	9/19/2011	VA0535	Reg	-2.40	0.00	0.92	18.24	5,540	27	1.5
KAFB-106119-450	9/19/2011	VA0536	Reg	-1.40	0.00	1.20	17.25	5,610	240	12
KAFB-106120-025	7/6/2011	VA0537	Reg	0.00	0.00	0.88	19.78	6	18	1.5
KAFB-106120-050	7/6/2011	VA0538	Reg	0.00	0.00	0.54	20.78	7	18	1.5
KAFB-106120-150	7/6/2011	VA0539	Reg	-0.80	0.00	0.34	19.35	3	21.5	1.5
KAFB-106120-250	7/6/2011	VA0540	Reg	-1.40	0.00	0.21	20.43	3	27	1.5
KAFB-106120-350	7/6/2011	VA0541	Reg	-1.60	0.00	0.32	20.72	43	27	1.5
KAFB-106120-450	7/6/2011	VA0542	Reg	-1.60	0.00	0.24	19.57	2,370	576	12
KAFB-106121-025	7/8/2011	VA0543	Reg	0.00	0.00	0.78	19.86	1	18	1.5
KAFB-106121-050	7/8/2011	VA0544	Reg	0.00	0.00	0.68	20.01	5	18	1.5
KAFB-106121-150	7/8/2011	VA0545	Reg	-0.56	0.00	0.20	20.15	0	22.5	1.5
KAFB-106121-250	7/8/2011	VA0546	Reg	-0.68	0.00	0.20	19.76	1	27	1.5
KAFB-106121-350	7/8/2011	VA0547	Reg	0.28	0.00	0.00	19.40	871	27	1.5
KAFB-106121-450	7/8/2011	VA0548	Reg	0.26	0.00	0.04	20.38	32	240	12
KAFB-106122-025	7/11/2011	VA0549	Reg	0.06	0.00	1.26	19.38	6	18	1.5
KAFB-106122-050	7/11/2011	VA0550	Reg	0.20	0.00	1.05	19.23	1	18	1.5
KAFB-106122-150	7/11/2011	VA0551	Reg	0.06	0.00	0.11	19.41	0	22.5	1.5
KAFB-106122-250	7/11/2011	VA0552	Reg	0.00	0.00	0.00	20.81	1	27	1.5
KAFB-106122-350	7/12/2011	VA0553	Reg	-0.80	0.00	0.22	19.84	667	27	1.5
KAFB-106122-450	7/12/2011	VA0554	Reg	-0.30	0.00	0.18	19.62	79	240	12
KAFB-106123-025	7/13/2011	VA0555	Reg	0.00	0.00	1.36	19.39	6	18	1.5
KAFB-106123-050	7/13/2011	VA0556	Reg	0.16	0.00	1.82	18.72	0	18	1.5
KAFB-106123-150	7/13/2011	VA0557	Reg	0.00	0.00	0.10	19.61	3	22.5	1.5
KAFB-106123-250	7/13/2011	VA0558	Reg	-0.04	0.00	0.10	19.88	2	27	1.5
KAFB-106123-350	7/13/2011	VA0559	Reg	-0.22	0.00	0.00	19.37	449	27	1.5
KAFB-106123-450	7/13/2011	VA0560	Reg	-0.58	0.00	0.06	20.69	19	240	12
KAFB-106124-025	7/19/2011	VA0561	Reg	0.18	0.00	1.34	19.08	4	18	1.5
KAFB-106124-050	7/19/2011	VA0562	Reg	0.30	0.00	1.16	19.07	0	18	1.5
KAFB-106124-150	7/20/2011	VA0563	Reg	-0.58	0.00	0.16	19.22	1	22.5	1.5
KAFB-106124-250	7/20/2011	VA0564	Reg	-0.72	0.00	0.00	20.51	1	27	1.5
KAFB-106124-350	7/20/2011	VA0565	Reg	-0.60	0.00	0.00	20.58	40	27	1.5
KAFB-106124-450	7/20/2011	VA0566	Reg	-0.60	0.00	0.22	18.86	2,290	240	12

Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106125-025	7/21/2011	VA0567	Reg	0.08	0.00	1.31	19.21	0	18	1.5
KAFB-106125-050	7/21/2011	VA0568	Reg	0.18	0.00	2.10	18.52	0	18	1.5
KAFB-106125-150	7/21/2011	VA0569	Reg	0.46	0.00	0.26	19.60	0	22.5	1.5
KAFB-106125-250	7/22/2011	VA0570	Reg	-0.20	0.00	0.08	20.02	1	27	1.5
KAFB-106125-350	7/22/2011	VA0571	Reg	-0.40	0.00	0.08	20.64	298	27	1.5
KAFB-106125-450	7/22/2011	VA0572	Reg	-0.46	0.00	0.10	19.07	3,541	240	12
KAFB-106126-025	8/15/2011	VA0573	Reg	0.00	0.00	1.46	18.89	76	18	1.5
KAFB-106126-050	8/15/2011	VA0574	Reg	0.00	0.00	0.96	19.67	2	18	1.5
KAFB-106126-150	8/15/2011	VA0575	Reg	-0.48	0.00	0.20	19.62	3	22.5	1.5
KAFB-106126-250	8/15/2011	VA0576	Reg	-0.54	0.00	0.10	20.17	1	27	1.5
KAFB-106126-350	8/15/2011	VA0577	Reg	-0.78	0.00	0.14	20.52	340	27	1.5
KAFB-106126-450	8/15/2011	VA0578	Reg	-0.76	0.00	0.38	19.31	2,100	326	12
KAFB-106127-025	8/18/2011	VA0579	Reg	0.16	0.00	0.84	19.88	12	18	1.5
KAFB-106127-050	8/18/2011	VA0580	Reg	0.38	0.00	0.68	19.95	8	18	1.5
KAFB-106127-150	8/18/2011	VA0581	Reg	-0.79	0.00	0.26	19.96	6	22.5	1.5
KAFB-106127-250	8/18/2011	VA0582	Reg	-1.00	0.00	0.00	19.91	4	27	1.5
KAFB-106127-350	8/19/2011	VA0583	Reg	-0.28	0.00	0.14	19.83	508	27	1.5
KAFB-106127-450	8/19/2011	VA0584	Reg	-0.30	0.00	0.34	19.11	2,860	480	12
KAFB-106128-025	8/29/2011	VA0585	Reg	0.22	0.00	1.20	19.24	11	18	1.5
KAFB-106128-050	9/6/2011	VA0587	Reg	0.00	0.00	2.12	18.12	0	18	1.5
KAFB-106128-150	9/6/2011	VA0588	Reg	-0.80	0.00	3.32	16.09	3	22.5	1.5
KAFB-106128-250	9/6/2011	VA0589	Reg	-0.80	0.00	1.58	18.52	4	27	1.5
KAFB-106128-350	9/6/2011	VA0590	Reg	-1.10	0.00	0.44	18.97	1,720	27	1.5
KAFB-106128-450	9/6/2011	VA0591	Reg	-1.00	0.00	1.26	16.85	15,975	240	12
KAFB-106129-025	9/21/2011	VA0592	Reg	0.00	0.00	0.16	20.70	19	18	1.5
KAFB-106129-050	9/21/2011	VA0593	Reg	0.00	0.00	0.14	18.68	11	18	1.5
KAFB-106129-150	9/21/2011	VA0595	Reg	-0.38	0.00	0.12	19.44	12	22.5	1.5
KAFB-106129-250	9/21/2011	VA0596	Reg	-0.46	0.00	0.36	19.20	19	27	1.5
KAFB-106129-350	9/21/2011	VA0597	Reg	-0.58	0.00	0.48	17.21	1,723	27	1.5
KAFB-106129-450	9/22/2011	VA0598	Reg	-1.70	0.00	0.48	17.84	4,030	240	12
KAFB-106130-025	9/26/2011	VA0599	Reg	0.03	0.00	0.32	19.10	365	18	1.5
KAFB-106130-050	9/26/2011	VA0600	Reg	0.12	0.00	0.20	18.77	307	18	1.5
KAFB-106130-150	9/26/2011	VA0601	Reg	0.60	0.00	0.32	19.18	12	22.5	1.5
KAFB-106130-250	9/26/2011	VA0602	Reg	0.60	0.00	1.24	17.12	8	27	1.5
KAFB-106130-350	9/27/2011	VA0604	Reg	-0.84	0.00	1.36	16.11	2,120	27	1.5
KAFB-106130-450	9/27/2011	VA0605	Reg	-1.00	0.00	0.80	17.48	7,974	240	12
KAFB-106131-025	8/3/2011	VA0606	Reg	0.20	0.00	0.12	20.24	2	18	1.5
KAFB-106131-055	8/3/2011	VA0607	Reg	0.30	0.00	0.14	20.14	4	18	1.5
KAFB-106131-150	8/4/2011	VA0608	Reg	-0.60	0.00	0.10	19.46	0	22.5	1.5
KAFB-106131-245	8/4/2011	VA0609	Reg	-0.62	0.00	0.38	19.95	1	27	1.5
KAFB-106131-350	8/4/2011	VA0610	Reg	-0.86	0.00	0.02	19.61	622	27	1.5
KAFB-106131-450	8/4/2011	VA0612	Reg	-0.86	0.00	0.30	18.68	2,580	240	12
KAFB-106132-025	7/11/2011	VA0613	Reg	0.00	0.00	0.00	20.75	1	18	1.5
KAFB-106132-050	7/11/2011	VA0614	Reg	0.00	0.00	0.02	21.00	0	18	1.5
KAFB-106132-175	7/11/2011	VA0615	Reg	-0.92	0.00	0.00	21.12	0	22.5	1.5
KAFB-106132-250	7/11/2011	VA0616	Reg	-0.95	0.00	0.18	19.97	0	27	1.5
KAFB-106132-350	7/11/2011	VA0618	Reg	-1.00	0.00	0.88	18.87	36	27	1.5
KAFB-106132-450	7/11/2011	VA0619	Reg	-0.90	0.00	0.34	19.51	119	240	12
KAFB-106133-025	7/12/2011	VA0620	Reg	0.00	0.00	1.02	19.70	1	18	1.5
KAFB-106133-050	7/12/2011	VA0621	Reg	0.00	0.00	0.74	19.61	1	18	1.5
KAFB-106133-170	7/12/2011	VA0622	Reg	-0.60	0.00	0.32	19.39	2	22.5	1.5
KAFB-106133-250	7/12/2011	VA0624	Reg	-0.80	0.00	0.20	19.63	1	27	1.5
KAFB-106133-350	7/12/2011	VA0625	Reg	-0.80	0.00	0.30	19.07	99	27	1.5
KAFB-106133-450	7/12/2011	VA0626	Reg	-1.20	0.00	0.24	19.91	289	240	12
KAFB-106134-025	7/13/2011	VA0627	Reg	0.00	0.00	0.15	20.48	6	18	1.5
KAFB-106134-050	7/13/2011	VA0628	Reg	0.00	0.00	0.10	20.54	17	18	1.5
KAFB-106134-170	7/13/2011	VA0629	Reg	-0.30	0.00	0.12	19.38	5	22.5	1.5
KAFB-106134-250	7/13/2011	VA0630	Reg	-0.20	0.00	0.22	18.96	10	27	1.5
KAFB-106134-350	7/13/2011	VA0631	Reg	-0.60	0.00	0.48	18.90	93	27	1.5

Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB-106134-450	7/13/2011	VA0632	Reg	-0.70	0.00	0.18	18.96	466	240	12
KAFB-106135-025	7/15/2011	VA0634	Reg	0.00	0.00	0.22	20.32	1	18	1.5
KAFB-106135-050	7/15/2011	VA0635	Reg	0.00	0.00	0.10	20.70	2	18	1.5
KAFB-106135-150	7/15/2011	VA0636	Reg	-0.14	0.00	0.08	19.33	2	22.5	1.5
KAFB-106135-250	7/15/2011	VA0637	Reg	-0.16	0.00	0.12	20.13	5	27	1.5
KAFB-106135-350	7/15/2011	VA0639	Reg	-0.30	0.00	0.06	20.48	54	27	1.5
KAFB-106135-450	7/15/2011	VA0640	Reg	-0.20	0.00	0.36	19.55	476	240	12
KAFB-106136-025	7/14/2011	VA0641	Reg	0.00	0.00	0.12	20.42	0	18	1.5
KAFB-106136-050	7/14/2011	VA0642	Reg	0.00	0.00	0.14	21.06	0	18	1.5
KAFB-106136-150	7/14/2011	VA0643	Reg	-0.04	0.00	0.00	20.40	1	22.5	1.5
KAFB-106136-250	7/14/2011	VA0644	Reg	-0.22	0.00	0.08	20.59	0	27	1.5
KAFB-106136-350	7/14/2011	VA0645	Reg	-0.25	0.00	0.00	20.60	3	27	1.5
KAFB-106136-450	7/14/2011	VA0646	Reg	-0.28	0.00	0.00	20.49	3	240	12
KAFB-106137-025	7/28/2011	VA0647	Reg	0.00	0.00	0.16	20.54	0	18	1.5
KAFB-106137-050	7/28/2011	VA0648	Reg	1.40	0.00	0.10	20.39	2	18	1.5
KAFB-106137-150	7/29/2011	VA0649	Reg	-1.00	0.00	0.18	20.51	1	22.5	1.5
KAFB-106137-250	7/29/2011	VA0650	Reg	-1.40	0.00	0.20	20.46	0	27	1.5
KAFB-106137-350	7/29/2011	VA0651	Reg	-1.40	0.00	0.08	20.80	13	27	1.5
KAFB-106137-450	7/29/2011	VA0653	Reg	-1.40	0.00	0.28	19.75	718	240	12
KAFB-106138-025	8/22/2011	VA0654	Reg	0.00	0.00	4.06	16.85	11	18	1.5
KAFB-106138-050	8/22/2011	VA0655	Reg	0.00	0.00	2.38	17.80	1	18	1.5
KAFB-106138-150	8/22/2011	VA0656	Reg	-1.20	0.00	0.24	19.26	6	22.5	1.5
KAFB-106138-250	8/22/2011	VA0658	Reg	-1.10	0.00	0.62	20.01	3	27	1.5
KAFB-106138-350	8/22/2011	VA0659	Reg	-1.30	0.00	0.36	20.09	3	27	1.5
KAFB-106138-450	8/22/2011	VA0660	Reg	-1.20	0.00	0.14	20.82	2	240	12
KAFB-106139-025	8/1/2011	VA0661	Reg	0.00	0.00	0.44	20.98	0	18	1.5
KAFB-106139-050	8/1/2011	VA0662	Reg	0.00	0.00	0.56	19.90	0	18	1.5
KAFB-106139-150	8/1/2011	VA0663	Reg	-1.00	0.00	0.40	19.55	0	22.5	1.5
KAFB-106139-250	8/1/2011	VA0664	Reg	-1.00	0.00	0.42	19.88	0	27	1.5
KAFB-106139-350	8/1/2011	VA0666	Reg	-0.20	0.00	0.54	19.73	4	27	1.5
KAFB-106139-450	8/2/2011	VA0667	Reg	-0.60	0.00	0.02	20.80	0	240	12
KAFB-106140-025	7/26/2011	VA0668	Reg.	0.00	0.00	0.00	20.63	13	18	1.5
KAFB-106140-050	7/26/2011	VA0669	Reg	0.00	0.00	0.00	20.72	26	18	1.5
KAFB-106140-150	7/26/2011	VA0671	Reg	-0.10	0.00	0.20	20.91	1	22.5	1.5
KAFB-106140-250	7/26/2011	VA0672	Reg	-0.20	0.00	0.00	20.40	1	27	1.5
KAFB-106140-350	7/26/2011	VA0673	Reg	-0.44	0.00	0.00	19.67	904	27	1.5
KAFB-106140-450	7/26/2011	VA0674	Reg	-0.42	0.00	0.52	19.03	2,679	240	12
KAFB-106141-025	8/2/2011	VA0675	Reg.	0.06	0.00	0.12	20.35	5	18	1.5
KAFB-106141-060	8/2/2011	VA0676	Reg	0.12	0.00	0.08	20.30	2	18	1.5
KAFB-106141-170	8/3/2011	VA0677	Reg	-0.64	0.00	0.00	20.39	0	22.5	1.5
KAFB-106141-250	8/3/2011	VA0678	Reg	-0.64	0.00	0.04	20.84	0	27	1.5
KAFB-106141-350	8/3/2011	VA0679	Reg	-0.70	0.00	0.06	20.83	0	27	1.5
KAFB-106141-450	8/3/2011	VA0680	Reg	-0.66	0.00	0.06	20.93	0	240	12
KAFB-106142-030	7/25/2011	VA0681	Reg	0.00	0.00	0.20	20.60	1	18	1.5
KAFB-106142-050	7/25/2011	VA0682	Reg	0.00	0.00	0.08	20.46	0	18	1.5
KAFB-106142-170	7/25/2011	VA0683	Reg	-1.60	0.00	0.00	20.68	2	22.5	1.5
KAFB-106142-250	7/25/2011	VA0684	Reg	-1.60	0.00	0.06	20.89	0	27	1.5
KAFB-106142-350	7/25/2011	VA0685	Reg	-1.80	0.00	0.06	20.76	1	27	1.5
KAFB-106142-450	8/10/2011	VA0686-R	Reg	0.60	0.00	0.14	20.28	69	240	12
KAFB-106142-450	7/25/2011	VA0686	Reg	-1.00	0.00	0.12	20.79	50	240	12
ST106-IN	7/18/2011	NA	NA	0.00	0.01	10.24	6.64	4,930	NA	NA
ST106-IN	8/16/2011	NA	NA	-2.00	0.00	6.92	10.55	6,250	NA	NA
ST106-IN	9/21/2011	NA	NA	-2.00	0.01	8.30	9.14	5,810	NA	NA
ST106-POSTC1	8/16/2011	NA	NA	7.00	0.39	12.32	1.42	177	NA	NA
ST106-POSTC2	8/16/2011	NA	NA	3.00	0.00	9.86	5.48	76	NA	NA
KAFB1065-IN	7/18/2011	VA9032	Reg	-12.00	0.00	4.14	14.30	5,320	NA	NA
KAFB1065-IN	8/16/2011	NA	NA	-32.00	0.00	4.66	14.20	5,640	NA	NA
KAFB1065-IN	9/21/2011	NA	NA	-2.40	0.00	6.30	11.23	7,670	NA	NA
KAFB1065-POSTC1	7/18/2011	VA9033	Reg	0.10	0.36	7.88	8.48	191	NA	NA

Table 2-2

Sample Designations and Field Measurements
3rd Quarterly Soil Vapor Sampling, July - September 2011

Sample Location	Date	Sample Number	Sample Purpose	Static Pressure (In. H_2O)	CO (%)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (cu.ft.)	Purge Rate (cfm)
KAFB1065-POSTC2	8/16/2011	VA9034	Reg	2.00	0.12	7.60	9.19	51	NA	NA
KAFB1066-IN	8/17/2011	NA	NA	-4.80	0.00	2.48	14.43	17,847	NA	NA
KAFB1066-IN	9/21/2011	NA	NA	-1.20	0.00	2.96	13.61	20,070	NA	NA
KAFB1066-IN	7/18/2011	VA9035	Reg	-6.00	0.00	0.20	19.42	11,079	NA	NA
KAFB1066-POSTC1	7/18/2011	VA9036	Reg	4.00	0.55	8.18	7.36	104	NA	NA
KAFB1066-POSTC2	7/18/2011	VA9038	Reg	0.00	0.00	0.12	21.03	4	NA	NA
KAFB1068-IN	7/18/2011	VA9039	Reg	-6.00	0.00	1.46	16.87	5,170	NA	NA
KAFB1068-IN	8/17/2011	NA	NA	-5.00	0.00	1.54	16.80	5,630	NA	NA
KAFB1068-IN	9/21/2011	NA	NA	-0.80	0.00	1.60	16.12	6,130	NA	NA
KAFB1068-POSTC1	7/18/2011	VA9041	Reg	2.00	0.45	8.16	5.98	397	NA	NA
KAFB1068-POSTC2	7/18/2011	VA9042	Reg	2.00	0.39	10.48	6.08	128	NA	NA

Table 2-3
SVE Units Laboratory and Field Analytical Data
May through September 2011
Kirtland Air Force Base, New Mexico

Laboratory Analytical Results [a]													
	Date	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11
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	52	0.88	5.8	17.0	1.40	1.00	140.0	9.00	13.00	31.0	21.0	6.7
Toluene	ppm_v	140	ND (0.13)	28	38.0	0.96	ND (0.13)	270.0	9.00	4.50	71.0	7.00	0.84
Ethylbenzene	ppm_v	14	ND (0.59)	6.5	3.9	ND (0.59)	ND (0.59)	16.0	ND (0.59)	ND (0.59)	7.3	ND (0.59)	ND (0.59)
Xylenes	ppm_v	43	ND (0.42)	22.8	16.6	ND (0.42)	ND (0.42)	53.0	ND (0.42)	1.10	25.8	1.40	0.00
Hexane	ppm_v	330	9.40	23.5	103.0	3.00	ND (0.55)	710.0	11.00	6.70	153.0	19.4	9.2
1,3,5-Trimethylbenzene	ppm_v	ND (1.9)	ND (0.19)	1.6	0.87	ND (0.19)	ND (0.19)	ND (1.9)	ND (0.19)	ND (0.19)	1.0	ND (0.19)	ND (0.19)
1,2,4-Trimethylbenzene	ppm_v	ND (2)	ND (0.2)	2.9	1.0	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	1.2	ND (0.2)	ND (0.2)
Acetone	ppm_v	140	4.5	3.4	1.2	2.8	0.89	18.0	ND (3.4)	2.50	5.7	1.7	1.2
1,2 Dibromoethane (EDB)	ppm_v	ND (1.5)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (1.5)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,2-Dichlorethane (EDC)	ppm_v	ND (1.6)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (1.6)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
Other organic compounds	ppm_v	44	45.4	47	7.65	180.3	78.0	22.7	109.1	83.8	10.6	256.6	92.1
Heptane	ppm_v	190	4.6	21	23	ND (0.2)	ND (0.2)	240	ND (2)	1.6	58	4.8	2.4
Total Lab VOC (no C7-C12 GRO)	ppm_v	953	64.78	162.5	212.2	188.5	79.9	1,470	138.1	113.2	364.6	311.9	112.4
Total Lab VOC [b] (with C7-C12 GRO)	ppm_v	5,377	365.5	916.9	2,243	1,992	844	5,944	558.6	457.9	3,636	3,111	1,121
Destruction Removal Efficiency (DRE) [c]	%		93.2	82.9		11.2	62.4		90.6	92.3		14.5	69.2

Operational Field VOC DRE Results [d]													
Location	Conc. Units	ST106 Unit 249 (5/12/2011)	ST106 Unit 249 (6/23/2011)	ST106 Unit 249 (8/16/2011)	KAFB-1065 Unit 335 (5/12/2011)	KAFB-1065 Unit 335 (6/23/2011)	KAFB-1065 Unit 335 (7/18/2011)	KAFB-1066 Unit 345 (5/12/2011)	KAFB-1066 Unit 345 (6/23/2011)	KAFB-1066 Unit 345 (7/18/2011)	KAFB-1068 Unit 344 (5/12/2011)	KAFB-1068 Unit 344 (6/23/2011)	KAFB-1068 Unit 344 (7/18/2011)
Influent Concentration	ppm_v	4,995	6,880	6,250	4,710	7,510	5,320	13,410	12,465	11,079	6,330	7,460	5,170
E1 Effluent Concentration	ppm_v	345		177	148		191	330		104	355		397
E2 Effluent Concentration	ppm_v	218		76	77		51	77		4	192		128
DRE [c] -E1	%	93.1		97.2	96.9		96.4	97.5		99.1	94.4		92.3
DRE [c] -E2	%	95.6		98.8	98.4		99.0	99.4		99.96	97.0		97.5

Table 2-3
SVE Units Laboratory and Field Analytical Data
May through September 2011
Kirtland Air Force Base, New Mexico

Laboratory Analytical Results[a]													
	Date	8/16/11	8/16/11	8/16/11	7/18/11	7/18/11	7/18/11	7/18/11	7/18/11	7/18/11	7/18/11	7/18/11	7/18/11
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	32.0	ND (0.04)	0.8	18.00	1.60	0.57	290.00	22.00	26.00	56.0	11.0	3.4
Toluene	ppm_v	86	ND (0.04)	2.5	55	1	0	620.00	13.00	28.00	90.00	1.60	3.10
Ethylbenzene	ppm_v	10.0	ND (0.04)	ND (1.6)	5.70	0.06	ND (0.08)	32.00	1.10	1.60	6.10	ND (2)	0.52
Xylenes	ppm_v	20.0	ND (0.12)	ND (2.4)	22.00	0.47	ND (0.12)	110.00	4.90	7.80	22.00	0.43	3.40
Hexane	ppm_v	130.0	0.12	1.6	24.00	0.34	0.05	770.00	9.30	26.00	96.0	5.9	0.9
1,3,5-Trimethylbenzene	ppm_v	ND (8)	ND (0.04)	ND (0.8)	1	ND (0.2)	ND (0.04)	2	ND (2)	0	1	ND (2)	0
1,2,4-Trimethylbenzene	ppm_v	ND (8)	ND (0.04)	ND (0.8)	1	0	ND (0.04)	3	1	1	1	ND (2)	0
Acetone	ppm_v	72.00	0.067	ND (0.8)	ND (2)	0.72	0.42	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	9.7
1,2 Dibromoethane (EDB)	ppm_v	ND (8)	ND (0.04)	ND (0.8)	ND (2)	ND (0.2)	ND (0.04)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (0.4)
1,2-Dichlorethane (EDC)	ppm_v	ND (8)	ND (0.04)	ND (0.8)	ND (2)	ND (0.2)	ND (0.04)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (0.4)
Other organic compounds	ppm_v	171	1.07	41.1	192.4	173.4	15.3	697.1	118.4	135.4	139.2	263.1	68.0
Heptane	ppm_v	120	ND (0.04)	1.4	33.0	0.3	0.0	500.0	6.9	17.0	74.0	3.2	0.6
Total Lab VOC (no C7-C12 GRO)	ppm_v	641.0	1.257	47.41	352.4	178.2	16.5	3,025	176.1	242.7	485.4	285.3	90.1
Total Lab VOC [b] (with C7-C12 GRO)	ppm_v	2,565	5.03	190	3,905	290	26.9	13,574	469	259	3,078	533	168
Destruction Removal Efficiency (DRE)[c]	%		99.8	92.6		92.6	99.3		96.5	98.1		82.7	94.5

Operational Field VOC DRE Results [d]													
Location	Conc. Units	ST106 Unit 249 (7/18/2011)	ST106 Unit 249 (8/16/2011)	ST106 Unit 249 (9/21/2011)	KAFB-1065 Unit 335 (7/18/2011)	KAFB-1065 Unit 335 (8/16/2011)	KAFB-1065 Unit 335 (9/21/2011)	KAFB-1066 Unit 345 (7/18/2011)	KAFB-1066 Unit 345 (8/17/2011)	KAFB-1066 Unit 345 (9/21/2011)	KAFB-1068 Unit 344 (7/18/2011)	KAFB-1068 Unit 344 (8/17/2011)	KAFB-1068 Unit 344 (9/21/2011)
Influent Concentration	ppm_v	4,930	6,250	5,810	5,320	5,640	7,670	11,079	17,847	20,070	5,170	5,630	6,130
E1 Effluent Concentration	ppm_v		177		191			104			397		
E2 Effluent Concentration	ppm_v		76		51			4			128		
DRE[c]-E1	%		97.2		96.4			99.1			92.3		
DRE[c]-E2	%		98.8		99.0			99.96			97.5		

Notes:

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

b. Gasoline Range Organics (GRO) including butane, pentane, heptane, and other higher carbon compounds for other sampling periods.
A 0.25 factor of the detection limits was used for the non-detect C9-C12 hydrocarbon compounds.
Data are specified the same as in note b with the exception that the GRO data for ST106 Unit in August 2011 were extrapolated from the average concentrations of extraction wells (SVEW-01 and 05).

c. DRE - Destruction removal efficiency

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

Table 2-4
Summary of Vapor Operating Data Collected from
SVE Unit 249, ST-106
July through September 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 249 (ST-106) - Combined Engines E1 and E2								
	Operating Time (hours)	Average 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	1,454	33	14,582	2,352	11,745			1,904	0.81
2/28/2011	1,229	41	17,292	2,789	16,185	36,373	L	798	0.29
3/31/2011	1,515	39	21,050	3,395	18,263			785	0.23
4/30/2011	1,269	42	17,762	2,865	16,644	12,861	F	567	0.20
5/31/2011	1,488	43	19,949	3,218	17,520	L=5377/ F=4995	L,F	432	0.13
6/30/2011	1,409	44	22,071	3,560	17,703	6,880	F	464	0.13
7/31/2011	1,359	43	17,759	2,864	14,739	4,930	F	984	0.344
8/31/2011	1,439	45	15,580	2,513	12,529	6,250	F	1,696	0.675
9/30/2011	1,334	51	15,309	2,469	12,179	5,810	F	1,658	0.671
Total or *Average* 7/11 through 9/2011	**4,132**	***46.2***	**48,647**	**7,846**	***13,149***			**4,337.8**	***0.56***
Total 7/03 thru 6/11			**1,333,703**	**215,113**					
Cum. Total thru 9/2011			**1,382,351**	**222,960**					
Calculated Quarterly Biodegradation 7/11 through 9/2011				**2,466**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data (except where noted for Lab 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 per period.

e. Values are based on quarterly Laboratory data using vapor flow rates recorded by RSI-ICE System PLC.

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 September 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 335 (Well KAFB-1065) - Combined Engines E1 and E2								
	Operating Time (hours)	Average 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	18	4,051	653	7,650		L	2,740	4.194
2/28/2011	1,112	15	1,803	291	4,872	L= 101/ 87.94	L	2,095	7.205
3/31/2011	1,279	15	3,874	625	11,965			2,701	4.323
4/30/2011	1,156	15	2,391	386	6,751	6,090	F	2,027	5.254
5/31/2011	724	16	2,059	332	8,757	L= 2243/ F=4710	L,F	3,052	9.189
6/30/2011	1,062	13	1,973	318	6,990	7,510	F	1,773	5.573
7/31/2011 (e)	917	16	617	100	2,111	5,320	F	1,779	17.87
8/31/2011	1,133	16	1,403	226	4,050	5,640	F	2,488	10.99
9/30/2011	540	18	805	130	6,433	7,670	F	1,229	9.47
Total or *Average* 7/11 through 9/2011	**2,589**	***16.27***	**2,825**	**455.7**	***4,198***			**5,496**	***12.78***
Total 10/08 thru 6/11			**526,488**	**84,917**					
Cum. Total thru 9/2011			**529,314**	**85,373**					
Calculated Quarterly Biodegradation 7/11 through 9/2011				**476**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data (except where noted for Lab 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 per period.

e. Engine E2 was in operation but data was lost in the system computed program. Mass values were extrapolated from E1.

f. Values are based on quarterly Laboratory data using vapor flow rates recorded by RSI-ICE System PLC.

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 September 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 345 (Well KAFB-1066) - Combined Engines E1 and E2								
	Operating Time (hours)	Average 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	35	15,157	2,445	15,626			879	0.36
2/28/2011	1,216	45	17,566	2,833	16,367	34,810	L	502	0.18
3/31/2011	1,245	33	13,682	2,207	25,282			1,604	0.73
4/30/2011	1,082	45	13,438	2,167	11,985	13,104	F	362	0.17
5/31/2011	1,401	40	14,425	2,327	13,679	L= 5944/F=13410	L,F	951	0.41
6/30/2011	946	29	10,729	1,730	13,768	12,465	F	472	0.27
7/31/2011	1,172	37	15,088	2,433	18,408	11,079	F	378	0.16
8/31/2011 (e)	616	41	8,925	1,439	17,736	17,847	F	150	0.10
9/30/2011 (e)	608	42	7,512	1,212	16,032	20,070	F	265	0.22
Total or *Average* 7/11 through 9/2011	**2,395**	***39.16***	**31,524**	**5,085**	***17,392***			**793.3**	***0.16***
Total 3/09 thru 6/11			**364,520**	**58,793**					
Cum. Total thru 9/2011			**396,044**	**63,878**					
Calculated Quarterly Biodegradation 7/11 through 9/2011				**322**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data (except where noted for Lab 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 per period.

e. Engine E2 was not in operation for this period.

f. Values are based on quarterly Laboratory data using vapor flow rates recorded by RSI-ICE System PLC.

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, KAFB-1068
January through September 2011[a]
Kirtland Air Force Base, New Mexico

Date	Unit 344 (Well KAFB-1068) - Combined Engines E1 and E2								
	Operating Time (hours)	Average 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	50	7,440	1,200	4,501			2,093	1.74
2/28/2011	1,165	50	7,039	1,135	5,356	3,830	L	2,182	1.92
3/31/2011	1,060	47	5,443	878	4,276			1,710	1.95
4/30/2011	1,030	52	5,773	931	4,829	7,530	F	1,731	1.86
5/31/2011	1,336	49	7,506	1,211	5,591	L=3636 /F=6330	L,F	2,441	2.02
6/30/2011	721	42	3,329	537	4,730	7,460	F	2,163	4.03
7/31/2011 (e)	1,101	50	5,253	847	4,702	5,170	F	2,051	2.42
8/31/2011	968	53	3,398	548	4,001	5,630	F	2,088	3.81
9/30/2011	576	53	2,447	395	4,206	6,130	F	1,373	3.48
Total or *Average* 7/11 through 9/2011	**2,644**	***51.6***	**11,098**	**1,790**	***4,303***			**5,512**	***3.24***
Total 3/09 thru 6/11			**342,454**	**55,235**					
Cum. Total thru 6/2011			**353,552**	**57,024**					
Calculated Quarterly Biodegradation 7/11 through 9/2011				**754**					

Notes:

a. All operating values are based on RSI-ICE System PLC (computer program) technical data (except where noted for Lab 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.

e. Engine E2 was in operation but data was lost in the system computed program. Mass values were extrapolated from E1.

f. Values are based on quarterly Laboratory data using vapor flow rates recorded by RSI-ICE System PLC.

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 - September 2011

Well ID	Well Type	Date Logged	Logging Company
KAFB-1061	GW	12/9/2010	Colog
KAFB-1062	GW	12/15/2010	Colog
KAFB-1063	GW	12/15/2010	Colog
KAFB-1064	GW	12/18/2010	Colog
KAFB-1065	GW	12/21/2010	Colog
KAFB-1066	GW	12/21/2010	Colog
KAFB-1067	GW	12/14/2010	Colog
KAFB-1068	GW	12/21/2010	Colog
KAFB-1069	GW	12/21/2010	Colog
KAFB-3411	GW	12/13/2010	Colog
KAFB-10610	GW	12/8/2010	Colog
KAFB-10611	GW	12/14/2010	Colog
KAFB-10612	GW	12/14/2010	Colog
KAFB-10613	GW	12/18/2010	Colog
KAFB-10614	GW	12/15/2010	Colog
KAFB-10615	GW	12/20/2010	Colog
KAFB-10616	GW	12/13/2010	Colog
KAFB-10617	GW	12/16/2010	Colog
KAFB-10618	GW	12/16/2010	Colog
KAFB-10619	GW	12/20/2010	Colog
KAFB-10620	GW	12/18/2010	Colog
KAFB-10621	GW	12/16/2010	Colog
KAFB-10622	GW	12/17/2010	Colog
KAFB-10623	GW	12/17/2010	Colog
KAFB-10624	GW	12/7/2010, 3/22/2011	Colog, Jet West
KAFB-10625	GW	12/17/2010	Colog
KAFB-10626	GW	12/20/2010	Colog
KAFB-10627	GW	12/7/2010	Colog
KAFB-10628	GW	12/8/2010	Colog
KAFB-106031	GW	6/15/2011	Jet West
KAFB-106034	GW	9/16/2011	Jet West
KAFB-106037	GW	9/15/2011	Jet West
KAFB-106040	GW	9/15/2011	Jet West
KAFB-106043	GW	TBD 4th Quarter	Jet West
KAFB-106045	GW	3/21/2011	Jet West
KAFB-106048	GW	4/29/2011	Jet West
KAFB-106051	GW	6/14/2011	Jet West
KAFB-106054	GW	9/14/2011	Jet West
KAFB-106058	GW	9/14/2011	Jet West
KAFB-106061	GW	4/28/2011	Jet West
KAFB-106062	GW	4/27/2011	Jet West
KAFB-106066	GW	TBD 4th Quarter	Jet West
KAFB-106068	GW	6/16/2011	Jet West
KAFB-106071	GW	6/18/2011	Jet West
KAFB-106074	GW	6/17/2011	Jet West
KAFB-106078	GW	4/26/2011	Jet West
KAFB-106081	GW	4/28/2011	Jet West
KAFB-106084	GW	4/30/2011	Jet West
KAFB-106087	GW	9/15/2011	Jet West
KAFB-106090	GW	9/15/2011	Jet West
KAFB-106093	GW	6/15/2011	Jet West
KAFB-106096	GW	9/14/2011	Jet West

Table 3-1. Geophysical Well Logging Details, December 2010 - September 2011 (Concluded)

Well ID	Well Type	Date Logged	Logging Company
KAFB-106098	GW	5/1/2011	Jet West
KAFB-106100	GW	6/17/2011	Jet West
KAFB-106102	GW	3/29/2011	Jet West
KAFB-106104	GW	9/15/2011	Jet West
KAFB-106107	GW	9/14/2011	Jet West
KAFB-106108	SVM	3/28/2011	Jet West
KAFB-106109	SVM	3/28/2011	Jet West
KAFB-106110	SVM	3/22/2011	Jet West
KAFB-106111	SVM	3/22/2011	Jet West
KAFB-106112	SVM	3/24/2011	Jet West
KAFB-106113	SVM	3/23/2011	Jet West
KAFB-106114	SVM	3/23/2011	Jet West
KAFB-106115	SVM	3/23/2011	Jet West
KAFB-106116	SVM	3/23/2011	Jet West
KAFB-106117	SVM	3/24/2011	Jet West
KAFB-106118	SVM	3/25/2011	Jet West
KAFB-106119	SVM	3/22/2011	Jet West
KAFB-106120	SVM	9/12/2011	Jet West
KAFB-106121	SVM	9/12/2011	Jet West
KAFB-106122	SVM	9/13/2011	Jet West
KAFB-106123	SVM	9/12/2011	Jet West
KAFB-106124	SVM	9/13/2011	Jet West
KAFB-106125	SVM	9/13/2011	Jet West
KAFB-106126	SVM	9/13/2011	Jet West
KAFB-106127	SVM	9/13/2011	Jet West
KAFB-106128	SVM	3/25/2011	Jet West
KAFB-106129	SVM	3/24/2011	Jet West
KAFB-106130	SVM	3/28/2011	Jet West
KAFB-106131	SVM	3/23/2011	Jet West
KAFB-106132	SVM	3/25/2011	Jet West
KAFB-106133	SVM	3/25/2011	Jet West
KAFB-106134	SVM	3/25/2011	Jet West
KAFB-106135	SVM	3/28/2011	Jet West
KAFB-106136	SVM	9/13/2011	Jet West
KAFB-106137	SVM	3/28/2011	Jet West
KAFB-106139	SVM	3/29/2011	Jet West
KAFB-106138	SVM	5/1/2011	Jet West
KAFB-106140	SVM	3/22/2011	Jet West
KAFB-106141	SVM	4/30/2011	Jet West
KAFB-106142	SVM	5/1/2011	Jet West

Table 3-2. Groundwater Well Construction Details, January - September 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 03 Report 2011 Wells															
KAFB-106032	GWM-02 (not sampled)	06/24/2011	1541595.86	1476183.21	5317.5	5317.6	5316.9	0.7	480.5	11.75	5.00	PVC/PVC screen	456.0-476.0	4861.5-4841.5	0.010
KAFB-106033		06/24/2011	1541562.35	1476182.84	5317.8	5317.8	5317.3	0.5	496.6	11.75	5.00	PVC/PVC screen	477.0-492.0	4840.8-4825.8	0.010
KAFB-106034		06/24/2011	1541580.02	1476152.02	5318.6	5318.6	5318.0	0.6	522.0	11.75	5.00	PVC/PVC screen	502.0-517.0	4816.6-4801.6	0.010
KAFB-106035	GWM-03 (not sampled)	08/09/2011	1543635.86	1476440.55	5321.5	5321.6	5320.7	0.9	487.0	11.75	5.00	PVC/PVC screen	452.0-482.0	4869.5-4839.5	0.010
KAFB-106036		08/05/2011	1543660.15	1476441.08	5321.9	5322.0	5321.2	0.8	501.8	11.75	5.00	PVC/PVC screen	481.8-496.8	4840.1-4825.1	0.010
KAFB-106037		07/14/2011	1543685.53	1476440.70	5322.0	5322.2	5321.6	0.6	527.0	11.75	5.00	PVC/PVC screen	507.0-522.0	4815.0-4800.0	0.010
KAFB-106038	GWM-04 (not sampled)	08/05/2011	1543314.14	1475062.63	5348.4	5351.7	5351.2	0.5	513.0	11.75	5.00	PVC/PVC screen	478.0-508.0	4870.4-4840.4	0.010
KAFB-106039		07/26/2011	1543339.76	1475066.18	5348.3	5351.3	5350.9	0.4	528.3	11.75	5.00	PVC/PVC screen	508.3-523.3	4840.0-4825.0	0.010
KAFB-106040		07/19/2011	1543322.36	1475087.89	5347.2	5350.3	5349.9	0.4	550.6	11.75	5.00	PVC/PVC screen	530.6-545.6	4816.6-4801.6	0.010
KAFB-106041	GWM-05 (not sampled)	06/06/2011	1543647.14	1477945.02	5324.4	5324.4	5323.5	0.9	473.8	11.75	5.00	PVC/PVC screen	449.0-469.0	4875.4-4855.4	0.010
KAFB-106042		05/31/2011	1543633.95	1477965.57	5324.1	5324.1	5323.4	0.7	488.5	11.75	5.00	PVC/PVC screen	469.0-483.5	4855.1-4840.6	0.010
KAFB-106043		05/18/2011	1543616.11	1477951.99	5324.4	5324.4	5323.4	1.0	562.5	11.75	5.00	PVC/PVC screen	543.0-557.5	4781.4-4766.9	0.010
KAFB-106052	GWM-09 (not sampled)	07/25/2011	1543037.59	1477669.51	5318.9	5318.9	5318.2	0.7	484.8	11.75	5.00	PVC/PVC screen	449.6-479.6	4869.3-4839.3	0.010
KAFB-106053		07/11/2011	1543038.23	1477700.80	5318.7	5318.7	5317.9	0.8	498.4	11.75	5.00	PVC/PVC screen	478.4-493.4	4840.3-4825.3	0.010
KAFB-106054		06/28/2011	1543039.63	1477778.95	5318.5	5318.4	5317.9	0.5	524.0	11.75	5.00	PVC/PVC screen	504.0-519.0	4814.5-4799.5	0.010
KAFB-106055	GWM-10 (not sampled)	06/24/2011	1543757.00	1477302.34	5325.1	5325.2	5324.7	0.5	490.3	11.75	5.00	PVC/PVC screen	465.8-485.8	4859.3-4839.3	0.010
KAFB-106057		06/19/2011	1543786.19	1477301.35	5325.5	5325.5	5325.1	0.4	505.3	11.75	5.00	PVC/PVC screen	484.9-499.9	4840.6-4825.6	0.010
KAFB-106058		06/14/2011	1543818.38	1477291.92	5326.1	5326.1	5325.5	0.6	530.3	11.75	5.00	PVC/PVC screen	511.8-526.8	4814.3-4799.3	0.010
KAFB-106085	GWM-20 (not sampled)	07/08/2011	1542564.28	1475983.02	5317.3	5317.3	5316.5	0.8	481.5	11.75	5.00	PVC/PVC screen	446.5-476.5	4870.8-4840.8	0.010
KAFB-106086		06/26/2011	1542551.83	1475969.46	5317.7	5317.8	5317.0	0.8	496.0	11.75	5.00	PVC/PVC screen	476.0-491.0	4841.7-4826.7	0.010
KAFB-106087		06/19/2011	1542551.21	1476002.27	5317.0	5317.0	5316.5	0.5	565.5	11.75	5.00	PVC/PVC screen	546.0-561.0	4771.0-4756.0	0.010
KAFB-106094	GWM-23 (not sampled)	06/26/2011	1542110.36	1474711.23	5345.1	5345.2	5344.5	0.7	509.2	11.75	5.00	PVC/PVC screen	484.2-504.2	4860.9-4840.9	0.010
KAFB-106095		06/24/2011	1542095.42	1474735.61	5344.6	5344.8	5344.1	0.7	523.8	11.75	5.00	PVC/PVC screen	503.8-518.8	4840.8-4825.8	0.010
KAFB-106096		06/07/2011	1542080.54	1474708.51	5345.3	5345.4	5344.7	0.7	596.3	11.75	5.00	PVC/PVC screen	576.3-591.3	4769.0-4754.0	0.010
KAFB-106103	GWM-27 (not sampled)	06/21/2011	1543685.46	1475685.62	5328.5	5328.6	5327.4	1.2	505.2	11.75	5.00	PVC/PVC screen	485.0-500.0	4843.5-4828.5	0.010
KAFB-106104		06/15/2011	1543662.44	1475703.32	5328.1	5328.1	5327.3	0.8	530.0	11.75	5.00	PVC/PVC screen	510.0-525.0	4818.1-4803.1	0.010
KAFB-106105	GWM-28 (not sampled)	08/19/2011	1543379.49	1477848.60	5322.0	5322.0	5321.4	0.6	504.0	11.75	5.00	PVC/PVC screen	484.0-499.0	4838.0-4823.0	0.010
KAFB-106106		08/10/2011	1543381.45	1477873.45	5321.9	5321.9	5321.1	0.8	488.6	11.75	5.00	PVC/PVC screen	453.6-483.6	4868.3-4838.3	0.010
KAFB-106107		08/30/2011	1543378.71	1477809.35	5322.1	5322.2	5321.7	0.5	530.2	11.75	5.00	PVC/PVC screen	510.2-525.2	4811.9-4796.9	0.010
Quarter 02 Report 2011 Wells															
KAFB-106029	GWM-01 (not sampled)	06/04/2011	1542386.20	1477074.41	5310.9	5311.0	5310.5	0.5	475.8	11.75	5.00	PVC/PVC screen	450.8-470.8	4860.1-4840.1	0.010
KAFB-106030		05/25/2011	1542387.64	1477103.65	5311.0	5311.0	5310.3	0.7	489.9	11.75	5.00	PVC/PVC screen	469.5-484.5	4841.5-4826.5	0.010
KAFB-106031		05/25/2011	1542388.11	1477132.36	5311.0	5311.1	5310.2	0.9	514.9	11.75	5.00	PVC/PVC screen	495.8-509.5	4815.2-4801.5	0.010
KAFB-106046	GWM-07 (not sampled)	04/08/2011	1542835.69	1473605.46	5352.8	5352.9	5352.2	0.7	515.0	11.75	5.00	PVC/PVC screen	490.0-510.0	4862.8-4842.8	0.010
KAFB-106047		04/08/2011	1542779.28	1473602.71	5352.8	5352.8	5352.1	0.7	532.0	11.75	5.00	PVC/PVC screen	512.0-527.0	4840.8-4825.8	0.010
KAFB-106048		04/08/2011	1542804.76	1473621.15	5352.6	5352.6	5351.9	0.7	555.5	11.75	5.00	PVC/PVC screen	535.5-550.5	4817.1-4802.1	0.010
KAFB-106049	GWM-08 (not sampled)	05/13/2011	1542707.55	1477682.53	5316.1	5316.2	5315.7	0.5	480.7	11.75	5.00	PVC/PVC screen	456.8-476.8	4859.3-4839.3	0.010
KAFB-106050		05/13/2011	1542708.50	1477761.67	5315.7	5315.6	5314.9	0.7	494.8	11.75	5.00	PVC/PVC screen	474.4-489.4	4841.3-4826.3	0.010
KAFB-106051		04/26/2011	1542708.24	1477727.07	5315.8	5315.9	5315.2	0.7	521.2	11.75	5.00	PVC/PVC screen	500.8-515.8	4815.0-4800.0	0.010
KAFB-106059	GWM-11 (sampled)	04/07/2011	1541720.89	1473684.25	5344.7	5344.8	5344.1	0.7	508.4	11.75	5.00	PVC/PVC screen	483.4-503.4	4861.3-4841.3	0.010
KAFB-106060		04/16/2011	1541743.26	1473661.60	5345.2	5345.3	5344.4	0.9	523.0	11.75	5.00	PVC/PVC screen	503.0-518.0	4842.2-4827.2	0.010
KAFB-106061		04/06/2011	1541758.48	1473682.92	5345.0	5345.2	5344.5	0.7	593.2	11.75	5.00	PVC/PVC screen	573.2-588.2	4771.8-4756.8	0.010
KAFB-106062	GWM- 12 (sampled)	04/18/2011	1542384.99	1473789.27	5348.1	5351.2	5350.6	0.6	595.0	11.75	5.00	PVC/PVC screen	575.3-590.3	4772.8-4757.8	0.010
KAFB-106063		04/08/2011	1542371.25	1473763.99	5348.5	5351.9	5351.2	0.7	525.0	11.75	5.00	PVC/PVC screen	505.0-520.0	4843.5-4828.5	0.010
KAFB-106064		04/08/2011	1542358.76	1473788.79	5347.9	5351.1	5350.5	0.6	510.0	11.75	5.00	PVC/PVC screen	485.0-505.0	4862.9-4842.9	0.010
KAFB-106065	GWM-13 (not sampled)	05/17/2011	1542287.64	1474324.70	5348.7	5348.8	5348.1	0.7	528.0	11.75	5.00	PVC/PVC screen	508.0-523.0	4840.7-4825.7	0.010
KAFB-106066		05/16/2011	1542329.23	1474375.42	5349.1	5349.1	5348.5	0.6	595.8	11.75	5.00	PVC/PVC screen	575.6-590.6	4773.5-4758.5	0.010

Table 3-2. Groundwater Well Construction Details, January - September 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)
KAFB-106067	GWM-14 (not sampled)	05/11/2011	1542741.51	1474717.47	5347.6	5347.5	5346.5	1.0	510.0	11.75	5.00	PVC/PVC screen	485.0-505.0	4862.6-4842.6	0.010
KAFB-106068		05/03/2011	1542717.55	1474727.02	5347.2	5347.2	5346.5	0.7	600.0	11.75	5.00	PVC/PVC screen	580.0-595.0	4767.2-4752.2	0.010
KAFB-106069		05/01/2011	1542719.86	1474700.28	5347.2	5347.3	5346.5	0.8	526.0	11.75	5.00	PVC/PVC screen	506.0-521.0	4841.2-4826.2	0.010
KAFB-106070	GWM-15 (not sampled)	05/23/2011	1542890.62	1475942.55	5318.4	5318.5	5317.8	0.7	485.0	11.75	5.00	PVC/PVC screen	460.0-480.0	4858.4-4838.4	0.010
KAFB-106071		05/13/2011	1542895.61	1475834.17	5320.8	5320.9	5320.2	0.7	568.0	11.75	5.00	PVC/PVC screen	548.0-563.0	4772.8-4757.8	0.010
KAFB-106072		05/01/2011	1542890.78	1475908.89	5319.3	5319.3	5318.6	0.7	500.0	11.75	5.00	PVC/PVC screen	475.0-495.0	4844.3-4824.3	0.010
KAFB-106073	GWM-16 (not sampled)	05/05/2011	1542192.81	1475261.56	5339.7	5339.8	5339.1	0.7	519.5	11.75	5.00	PVC/PVC screen	499.5-514.5	4840.2-4825.2	0.010
KAFB-106074		04/28/2011	1542169.66	1475243.54	5340.6	5340.6	5339.9	0.7	589.5	11.75	5.00	PVC/PVC screen	569.5-584.5	4771.1-4756.1	0.010
KAFB-106075		04/17/2011	1542201.38	1475231.39	5340.5	5340.5	5340.2	0.3	505.0	11.75	5.00	PVC/PVC screen	480.0-500.0	4860.5-4840.5	0.010
KAFB-106076	GWM-17 (sampled)	04/08/2011	1541808.75	1473219.64	5344.8	5344.8	5344.1	0.7	505.0	11.75	5.00	PVC/PVC screen	480.0-500.0	4864.8-4844.8	0.010
KAFB-106077		04/08/2011	1541790.39	1473203.53	5344.7	5344.7	5344.0	0.7	524.0	11.75	5.00	PVC/PVC screen	504.0-519.0	4840.7-4825.7	0.010
KAFB-106078		04/08/2011	1541775.42	1473218.70	5344.6	5344.6	5343.9	0.7	593.5	11.75	5.00	PVC/PVC screen	573.5-588.5	4771.1-4756.1	0.010
KAFB-106079	GWM-18 (sampled)	04/17/2011	1542252.75	1474078.44	5346.6	5349.7	5349.0	0.7	509.5	11.75	5.00	PVC/PVC screen	483.9-503.9	4862.7-4842.7	0.010
KAFB-106080		04/17/2011	1542217.40	1474030.32	5345.5	5348.5	5348.0	0.5	523.3	11.75	5.00	PVC/PVC screen	503.1-518.1	4842.4-4827.4	0.010
KAFB-106081		04/16/2011	1542190.58	1474076.87	5346.4	5349.5	5349.1	0.4	594.8	11.75	5.00	PVC/PVC screen	574.8-589.3	4771.6-4757.1	0.010
KAFB-106082	GWM-19 (not sampled)	04/05/2011	1542571.40	1475334.04	5334.8	5334.9	5334.2	0.7	497.3	11.75	5.00	PVC/PVC screen	472.0-492.0	4862.8-4842.8	0.010
KAFB-106083		04/15/2011	1542525.96	1475340.93	5334.5	5334.8	5334.2	0.6	515.7	11.75	5.00	PVC/PVC screen	495.5-510.5	4839.0-4824.0	0.010
KAFB-106084		04/05/2011	1542558.35	1475358.10	5334.0	5334.2	5333.6	0.6	585.8	11.75	5.00	PVC/PVC screen	566.0-581.0	4768.0-4753.0	0.010
KAFB-106088	GWM-21 (not sampled)	06/03/2011	1543228.95	1475764.10	5324.3	5324.3	5323.3	1.0	485.0	11.75	5.00	PVC/PVC screen	460.0-480.0	4864.3-4844.3	0.010
KAFB-106089		05/23/2011	1543221.51	1475795.63	5323.6	5323.6	5322.7	0.9	501.5	11.75	5.00	PVC/PVC screen	481.5-496.5	4842.1-4827.1	0.010
KAFB-106090		05/23/2011	1543216.29	1475823.54	5322.9	5322.9	5321.9	1.0	575.0	11.75	5.00	PVC/PVC screen	555.0-570.0	4767.9-4752.9	0.010
KAFB-106091	GWM-22 (not sampled	06/04/2011	1543010.80	1476816.23	5314.3	5314.4	5313.6	0.8	479.0	11.75	5.00	PVC/PVC screen	454.0-474.0	4860.3-4840.3	0.010
KAFB-106092		05/24/2011	1543042.05	1476798.05	5314.4	5314.5	5314.0	0.5	493.7	11.75	5.00	PVC/PVC screen	474.0-489.0	4840.4-4825.4	0.010
KAFB-106093		05/24/2011	1543042.38	1476828.18	5314.4	5314.5	5313.9	0.6	563.2	11.75	5.00	PVC/PVC screen	544.0-559.0	4770.4-4755.4	0.010
KAFB-106097	GWM-24 (not sampled)	04/27/2011	1541706.30	1474734.32	5347.7	5347.9	5347.2	0.7	526.0	11.75	5.00	PVC/PVC screen	506.0-521.0	4841.7-4826.7	0.010
KAFB-106098		04/17/2011	1541702.87	1474763.79	5348.0	5347.9	5347.3	0.6	551.1	11.75	5.00	PVC/PVC screen	531.0-546.0	4817.0-4802.0	0.010
KAFB-106099	GWM-25 (not sampled)	05/13/2010	1541014.77	1474352.00	5342.8	5342.9	5342.2	0.7	521.0	11.75	5.00	PVC/PVC screen	501.0-516.0	4841.8-4826.8	0.010
KAFB-106100		05/03/2011	1541027.97	1474326.52	5342.8	5342.8	5342.0	0.8	546.0	11.75	5.00	PVC/PVC screen	526.0-541.0	4816.8-4801.8	0.010
Quarter 01 Report 2011 Wells															
KAFB-106044	GWM-06 (not sampled)	01/17/2011	1541447.86	1472371.99	5348.6	5348.8	5348.5	0.3	523.9	11.75	5.00	PVC/PVC screen	504.2-519.2	4844.4-4829.4	0.010
KAFB-106045		01/08/2011	1541417.96	1472400.65	5345.2	5348.5	5348.1	0.4	548.0	11.75	5.00	PVC/PVC screen	528.3-543.3	4816.9-4801.9	0.010
KAFB-106101	GWM-26 (not sampled)	02/21/2011	1540432.84	1474037.52	5337.2	5340.3	5339.8	0.5	515.1	11.75	5.00	PVC/PVC screen	495.9-511.2	4841.3-4826.0	0.010
KAFB-106102		03/03/2011	1540402.12	1474038.66	5337.3	5340.3	5339.8	0.5	540.2	11.75	5.00	PVC/PVC screen	521.1-534.8	4816.2-4802.5	0.010

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
GWM	Groundwater Monitoring Well
ID	Identification
IN	Inches
KAFB	Kirtland Air Force Base
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 - September 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 03 Report 2011 Wells															
KAFB-106120															
KAFB-106120-025	SVM-13 (sampled)	6/9/2011	1542054.98	1472900.30	5343.4	5343.6	5343.1	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5328.4-5318.4	0.050
KAFB-106120-050	Tank Farm		1542055.08	1472900.49	5343.4	5343.6	5343.1	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5303.4-5293.4	0.050
KAFB-106120-150			1542054.96	1472900.74	5343.4	5343.6	5343.1	0.5	150.0	9.63	0.75	PVC	140.0-150.0	5203.4-5193.4	0.050
KAFB-106120-250			1542054.63	1472900.51	5343.4	5343.6	5343.1	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5103.4-5093.4	0.050
KAFB-106120-350			1542054.80	1472900.28	5343.4	5343.6	5343.1	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5003.4-4993.4	0.050
KAFB-106120-444			1542054.86	1472900.63	5343.4	5343.6	5343.1	0.5	444.0	9.63	3.00	PVC	434.0-444.0	4909.4-4899.4	0.050
KAFB-106122															
KAFB-106122-025	SVM-15 (sampled)	6/18/2011	1542096.33	1472866.33	5343.9	5343.9	5343.6	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5328.9-5318.9	0.050
KAFB-106122-050	Tank Farm		1542096.27	1472866.63	5343.9	5343.9	5343.5	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5303.9-5293.9	0.050
KAFB-106122-150			1542095.99	1472866.69	5343.9	5343.9	5343.5	0.4	150.0	9.63	0.75	PVC	140.0-150.0	5203.9-5193.9	0.050
KAFB-106122-250			1542095.88	1472866.40	5343.9	5343.9	5343.6	0.3	250.0	9.63	0.75	PVC	240.0-250.0	5103.9-5093.9	0.050
KAFB-106122-350			1542096.10	1472866.19	5343.9	5343.9	5343.6	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5003.9-4993.9	0.050
KAFB-106122-444			1542096.09	1472866.53	5343.9	5343.9	5343.6	0.3	444.0	9.63	3.00	PVC	434.0-444.0	4909.9-4899.9	0.050
KAFB-106124															
KAFB-106124-025	SVM-17 (sampled)	6/27/2011	1542370.42	1472802.58	5345.6	5345.8	5345.5	0.3	25.1	11.75	0.75	PVC	15.1-25.1	5330.5-5320.5	0.050
KAFB-106124-050	Tank Farm		1542370.11	1472802.60	5345.6	5345.8	5345.5	0.3	50.1	11.75	0.75	PVC	40.1-50.1	5305.5-5295.5	0.050
KAFB-106124-150			1542369.98	1472802.34	5345.6	5345.8	5345.5	0.3	150.1	9.63	0.75	PVC	140.1-150.1	5205.5-5195.5	0.050
KAFB-106124-250			1542370.22	1472802.14	5345.6	5345.8	5345.5	0.3	250.1	9.63	0.75	PVC	240.1-250.1	5105.5-5095.5	0.050
KAFB-106124-350			1542370.46	1472802.27	5345.6	5345.8	5345.4	0.4	350.1	9.63	0.75	PVC	340.1-350.1	5005.5-4995.5	0.050
KAFB-106124-450			1542370.24	1472802.50	5345.6	5345.8	5345.5	0.3	450.1	9.63	3.00	PVC	440.1-450.1	4905.5-4895.5	0.050
KAFB-106125															
KAFB-106125-025	SVM-18 (sampled)	7/10/2011	1542445.02	1472869.68	5345.6	5346.0	5345.5	0.5	25.2	11.75	0.75	PVC	15.2-25.2	5330.4-5320.4	0.050
KAFB-106125-050	Tank Farm		1542444.73	1472869.75	5345.6	5346.0	5345.5	0.5	50.2	11.75	0.75	PVC	40.2-50.2	5305.4-5295.4	0.050
KAFB-106125-150			1542444.56	1472869.52	5345.6	5346.0	5345.5	0.5	150.2	9.63	0.75	PVC	140.2-150.2	5205.4-5195.4	0.050
KAFB-106125-250			1542444.76	1472869.25	5345.6	5346.0	5345.5	0.5	250.2	9.63	0.75	PVC	240.2-250.2	5105.4-5095.4	0.050
KAFB-106125-350			1542445.03	1472869.34	5345.6	5346.0	5345.5	0.5	350.2	9.63	0.75	PVC	340.2-350.2	5005.4-4995.4	0.050
KAFB-106125-450			1542444.80	1472869.61	5345.6	5346.0	5345.5	0.5	450.2	9.63	3.00	PVC	440.2-450.2	4905.4-4895.4	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106126															
KAFB-106126-025	SVM-19 (sampled)	7/14/2011	1542499.98	1472796.18	5345.8	5346.0	5345.6	0.4	25.1	11.75	0.75	PVC	15.1-25.1	5330.7-5320.7	0.050
KAFB-106126-050	Tank Farm		1542499.95	1472796.47	5345.8	5346.0	5345.5	0.5	50.1	11.75	0.75	PVC	40.1-50.1	5305.7-5295.7	0.050
KAFB-106126-150			1542499.66	1472796.56	5345.8	5346.0	5345.5	0.5	150.1	9.63	0.75	PVC	140.1-150.1	5205.7-5195.7	0.050
KAFB-106126-250			1542499.49	1472796.32	5345.8	5346.0	5345.5	0.5	250.1	9.63	0.75	PVC	240.1-250.1	5105.7-5095.7	0.050
KAFB-106126-350			1542499.67	1472796.02	5345.8	5346.0	5345.6	0.4	350.1	9.63	0.75	PVC	340.1-350.1	5005.7-4995.7	0.050
KAFB-106126-450			1542499.73	1472796.40	5345.8	5346.0	5345.6	0.4	450.2	9.63	3.00	PVC	440.2-450.2	4905.6-4895.6	0.050
KAFB-106127															
KAFB-106127-025	SVM-20 (sampled)	7/26/2011	1542437.03	1472747.07	5345.9	5346.2	5345.8	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5330.9-5320.9	0.050
KAFB-106127-050	Tank Farm		1542436.77	1472747.21	5345.9	5346.2	5345.8	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5305.9-5295.9	0.050
KAFB-106127-150			1542436.54	1472747.03	5345.9	5346.2	5345.8	0.4	150.0	9.63	0.75	PVC	140.0-150.0	5205.9-5195.9	0.050
KAFB-106127-250			1542436.69	1472746.71	5345.9	5346.2	5345.7	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5105.9-5095.9	0.050
KAFB-106127-350			1542436.99	1472746.75	5345.9	5346.2	5345.7	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5005.9-4995.9	0.050
KAFB-106127-450			1542436.85	1472747.07	5345.9	5346.2	5345.8	0.4	450.0	9.63	3.00	PVC	440.0-450.0	4905.9-4895.9	0.050
KAFB-106136															
KAFB-106136-025	SVM-02 (not sampled)	7/6/2011	1543098.95	1474675.71	5351.7	5351.8	5351.2	0.6	25.0	11.75	0.75	PVC	15.0-25.0	5336.7-5326.7	0.050
KAFB-106136-050	Far Field		1543098.89	1474676.02	5351.7	5351.8	5351.1	0.7	50.0	11.75	0.75	PVC	40.0-50.0	5311.7-5301.7	0.050
KAFB-106136-150			1543098.59	1474676.04	5351.7	5351.8	5351.1	0.7	150.0	9.63	0.75	PVC	140.0-150.0	5211.7-5201.7	0.050
KAFB-106136-250			1543098.45	1474675.79	5351.7	5351.8	5351.1	0.7	250.0	9.63	0.75	PVC	240.0-250.0	5111.7-5101.7	0.050
KAFB-106136-350			1543098.68	1474675.54	5351.7	5351.8	5351.2	0.6	350.0	9.63	0.75	PVC	340.0-350.0	5011.7-5001.7	0.050
KAFB-106136-450			1543098.75	1474675.92	5351.7	5351.8	5351.3	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4911.7-4901.7	0.050
Quarter 02 Report 2011 Wells															
KAFB-106116															
KAFB-106116-020	SVM-09 (sampled)	3/10/2011	1541894.58	1473296.42	5346.2	5346.5	5346.0	0.5	20.0	11.75	0.75	PVC	10.0-20.0	5336.2-5326.2	0.050
KAFB-106116-050	Fuel Percolation Area		1541894.90	1473296.44	5346.2	5346.5	5346.0	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5306.2-5296.2	0.050
KAFB-106116-150			1541894.47	1473296.67	5346.2	5346.5	5346.0	0.5	150.0	9.63	0.75	PVC	140.0-150.0	5206.2-5196.2	0.050
KAFB-106116-250			1541894.69	1473296.88	5346.2	5346.5	5346.0	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5106.2-5096.2	0.050
KAFB-106116-350			1541894.97	1473296.72	5346.2	5346.5	5346.0	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5006.2-4996.2	0.050
KAFB-106116-450			1541894.69	1473296.72	5346.2	5346.5	5346.0	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4906.2-4896.2	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106117															
KAFB-106117-025	SVM-10 (sampled)	3/15/2011	1541727.84	1473366.34	5345.3	5345.6	5344.8	0.8	25.0	11.75	0.75	PVC	15.0-25.0	5330.3-5320.3	0.050
KAFB-106117-050	Fuel Percolation Area		1541727.98	1473366.56	5345.3	5345.6	5344.8	0.8	50.0	11.75	0.75	PVC	40.0-50.0	5305.3-5295.3	0.050
KAFB-106117-150			1541727.79	1473366.81	5345.3	5345.6	5344.8	0.8	150.0	9.63	0.75	PVC	140.0-150.0	5205.3-5195.3	0.050
KAFB-106117-250			1541727.52	1473366.70	5345.3	5345.6	5344.8	0.8	250.0	9.63	0.75	PVC	240.0-250.0	5105.3-5095.3	0.050
KAFB-106117-350			1541727.53	1473366.42	5345.3	5345.6	5344.8	0.8	350.0	9.63	0.75	PVC	340.0-350.0	5005.3-4995.3	0.050
KAFB-106117-450			1541727.76	1473366.68	5345.3	5345.6	5344.8	0.8	450.0	9.63	3.00	PVC	440.0-450.0	4905.3-4895.3	0.050
KAFB-106121															
KAFB-106121-025	SVM-14 (sampled)	5/25/2011	1542051.53	1472805.85	5343.7	5343.8	5343.5	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5328.7-5318.7	0.050
KAFB-106121-050	Tank Farm		1542051.78	1472805.67	5343.7	5343.8	5343.5	0.3	50.0	11.75	0.75	PVC	40.0-50.0	5303.7-5293.7	0.050
KAFB-106121-145			1542051.25	1472805.62	5343.7	5343.8	5343.5	0.3	145.0	9.63	0.75	PVC	135.0-145.0	5208.7-5198.7	0.050
KAFB-106121-250			1542051.37	1472805.36	5343.7	5343.8	5343.5	0.3	250.0	9.63	0.75	PVC	240.0-250.0	5103.7-5093.7	0.050
KAFB-106121-350			1542051.75	1472805.38	5343.7	5343.8	5343.5	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5003.7-4993.7	0.050
KAFB-106121-440			1542051.48	1472805.67	5343.7	5343.8	5343.5	0.3	440.0	9.63	3.00	PVC	430.0-440.0	4913.7-4903.7	0.050
KAFB-106123															
KAFB-106123-025	SVM- 16 (sampled)	6/4/2011	1542010.82	1472850.41	5344.0	5344.2	5343.7	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5329.0-5319.0	0.050
KAFB-106123-050	Tank Farm		1542010.70	1472850.68	5344.0	5344.2	5343.8	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5304.0-5294.0	0.050
KAFB-106123-150			1542010.34	1472850.66	5344.0	5344.2	5343.8	0.4	150.0	9.63	0.75	PVC	140.0-150.0	5204.0-5194.0	0.050
KAFB-106123-250			1542010.28	1472850.35	5344.0	5344.2	5343.8	0.4	250.0	9.63	0.75	PVC	240.0-250.0	5104.0-5094.0	0.050
KAFB-106123-350			1542010.56	1472850.17	5344.0	5344.2	5343.7	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5004.0-4994.0	0.050
KAFB-106123-442			1542010.51	1472850.56	5344.0	5344.2	5343.7	0.5	442.0	9.63	3.00	PVC	432.0-442.0	4912.0-4902.0	0.050
KAFB-106128															
KAFB-106128-025	SVM- 21 (sampled)	3/8/2011	1541619.61	1473223.25	5343.8	5343.9	5343.6	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5328.8-5318.8	0.050
KAFB-106128-050	Fuel Percolation Area		1541619.50	1473223.98	5343.8	5343.9	5343.6	0.3	50.1	11.75	0.75	PVC	40.1-50.1	5303.7-5293.7	0.050
KAFB-106128-150			1541619.72	1473223.78	5343.8	5343.9	5343.6	0.3	150.2	9.63	0.75	PVC	140.2-150.2	5203.6-5193.6	0.050
KAFB-106128-250			1541619.98	1473223.92	5343.8	5343.9	5343.6	0.3	250.3	9.63	0.75	PVC	240.3-250.3	5103.5-5093.5	0.050
KAFB-106128-350			1541619.92	1473223.25	5343.8	5343.9	5343.6	0.3	350.4	9.63	0.75	PVC	340.4-350.4	5003.4-4993.4	0.050
KAFB-106128-450			1541619.72	1473223.15	5343.8	5343.9	5343.6	0.3	450.0	9.63	3.00	PVC	440.0-450.0	4903.8-4893.8	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106138															
KAFB-106138-025	SVM- 04 (not sampled)	4/7/2011	1541536.74	1475005.68	5347.4	5347.4	5347.2	0.2	25.0	11.75	0.75	PVC	15.0-25.0	5332.4-5322.4	0.050
KAFB-106138-050	Far Field		1541536.40	1475005.57	5347.4	5347.4	5347.2	0.2	50.0	11.75	0.75	PVC	40.0-50.0	5307.4-5297.4	0.050
KAFB-106138-150			1541536.37	1475005.28	5347.4	5347.4	5347.1	0.3	150.0	9.63	0.75	PVC	140.0-150.0	5207.4-5197.4	0.050
KAFB-106138-250			1541536.65	1475005.17	5347.4	5347.4	5347.2	0.2	250.0	9.63	0.75	PVC	240.0-250.0	5107.4-5097.4	0.050
KAFB-106138-350			1541536.87	1475005.42	5347.4	5347.4	5347.2	0.2	350.0	9.63	0.75	PVC	340.0-350.0	5007.4-4997.4	0.050
KAFB-106138-450			1541536.57	1475005.51	5347.4	5347.4	5347.2	0.2	450.0	9.63	3.00	PVC	440.0-450.0	4907.4-4897.4	0.050
KAFB-106141															
KAFB-106141-025	SVM- 08 (not sampled)	4/15/2011	1542470.87	1475343.43	5334.4	5334.7	5334.2	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5319.4-5309.4	0.050
KAFB-106141-060	Far Field		1542471.00	1475343.69	5334.4	5334.7	5334.2	0.5	60.0	11.75	0.75	PVC	50.0-60.0	5284.4-5274.4	0.050
KAFB-106141-170			1542470.84	1475343.91	5334.4	5334.7	5334.2	0.5	170.0	11.75	0.75	PVC	160.0-170.0	5174.4-5164.4	0.050
KAFB-106141-250			1542470.55	1475343.81	5334.4	5334.7	5334.2	0.5	250.0	11.75	0.75	PVC	240.0-250.0	5094.4-5084.4	0.050
KAFB-106141-350			1542470.58	1475343.53	5334.4	5334.7	5334.2	0.5	350.0	11.75	0.75	PVC	340.0-350.0	4994.4-4984.4	0.050
KAFB-106141-450			1542470.78	1475343.76	5334.4	5334.7	5334.2	0.5	450.0	11.75	3.00	PVC	440.0-450.0	4894.4-4884.4	0.050
KAFB-106142															
KAFB-106142-030	SVM- 09 (not sampled)	4/21/2011	1542455.68	1474944.03	5349.2	5349.6	5349.2	0.4	30.0	11.75	0.75	PVC	20.0-30.0	5329.2-5319.2	0.050
KAFB-106142-050	Far Field		1542455.43	1474944.16	5349.2	5349.6	5349.2	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5309.2-5299.2	0.050
KAFB-106142-170			1542455.22	1474943.94	5349.2	5349.6	5349.1	0.5	170.0	11.75	0.75	PVC	160.0-170.0	5189.2-5179.2	0.050
KAFB-106142-250			1542455.37	1474943.66	5349.2	5349.6	5349.2	0.4	250.0	11.75	0.75	PVC	240.0-250.0	5109.2-5099.2	0.050
KAFB-106142-350			1542455.67	1474943.75	5349.2	5349.6	5349.2	0.4	350.0	11.75	0.75	PVC	340.0-350.0	5009.2-4999.2	0.050
KAFB-106142-450			1542455.49	1474944.00	5349.2	5349.6	5349.2	0.4	450.0	11.75	3.00	PVC	440.0-450.0	4909.2-4899.2	0.050
Quarter 01 Report 2011 Wells															
KAFB-106108															
KAFB-106108-025	SVM-01 (sampled)	2/18/2011	1541083.87	1473729.71	5341.9	5341.9	5341.5	0.4	25.3	11.75	0.75	PVC	15.3-25.3	5326.6-5316.6	0.050
KAFB-106108-050	Fuel Offloading Rack		1541083.74	1473729.47	5341.9	5341.9	5341.5	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5301.9-5291.9	0.050
KAFB-106108-150			1541083.96	1473729.28	5341.9	5341.9	5341.5	0.4	150.2	9.63	0.75	PVC	140.2-150.2	5201.7-5191.7	0.050
KAFB-106108-250			1541084.21	1473729.42	5341.9	5341.9	5341.5	0.5	250.3	9.63	0.75	PVC	240.3-250.3	5101.6-5091.6	0.050
KAFB-106108-350			1541084.14	1473729.72	5341.9	5341.9	5341.5	0.4	350.3	9.63	0.75	PVC	340.3-350.3	5001.6-4991.6	0.050
KAFB-106108-450			1541083.99	1473729.60	5341.9	5341.9	5341.5	0.4	450.0	9.63	3.00	PVC	440.0-450.0	4901.9-4891.9	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106109															
KAFB-106109-025	SVM-02 (sampled)	2/9/2011	1540803.71	1473477.62	5338.7	5338.9	5338.4	0.5	25.2	11.75	0.75	PVC	15.2-25.2	5323.5-5313.5	0.050
KAFB-106109-050	Fuel Offloading Rack		1540803.89	1473477.83	5338.7	5338.9	5338.3	0.6	50.1	11.75	0.75	PVC	40.1-50.1	5298.6-5288.6	0.050
KAFB-106109-150			1540803.71	1473478.11	5338.7	5338.9	5338.3	0.6	150.0	9.63	0.75	PVC	140.0-150.0	5198.7-5188.7	0.050
KAFB-106109-250			1540803.43	1473478.02	5338.7	5338.9	5338.4	0.5	250.2	9.63	0.75	PVC	240.2-250.2	5098.5-5088.5	0.050
KAFB-106109-350			1540803.42	1473477.70	5338.7	5338.9	5338.4	0.5	350.6	9.63	0.75	PVC	340.6-350.6	4998.1-4988.1	0.050
KAFB-106109-450			1540803.65	1473477.95	5338.7	5338.9	5338.4	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4898.7-4888.7	0.050
KAFB-106110															
KAFB-106110-025	SVM-03 (sampled)	2/24/2011	1541121.58	1473283.48	5340.4	5340.5	5340.1	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5325.4-5315.4	0.050
KAFB-106110-050	Fuel Offloading Rack		1541121.34	1473283.26	5340.4	5340.5	5340.1	0.4	50.1	11.75	0.75	PVC	40.1-50.1	5300.3-5290.3	0.050
KAFB-106110-150			1541121.49	1473283.02	5340.4	5340.5	5340.1	0.4	150.3	9.63	0.75	PVC	140.3-150.3	5200.1-5190.1	0.050
KAFB-106110-250			1541121.75	1473283.07	5340.4	5340.5	5340.1	0.4	250.0	9.63	0.75	PVC	240.0-250.0	5100.4-5090.4	0.050
KAFB-106110-350			1541121.80	1473283.35	5340.4	5340.5	5340.1	0.4	350.2	9.63	0.75	PVC	340.2-350.2	5000.2-4990.2	0.050
KAFB-106110-450			1541121.58	1473283.34	5340.4	5340.5	5340.1	0.4	450.0	9.63	3.00	PVC	440.0-450.0	4900.4-4890.4	0.050
KAFB-106111															
KAFB-106111-025	SVM-04 (sampled)	3/4/2011	1541335.96	1473286.17	5341.3	5341.6	5341.0	0.6	25.2	11.75	0.75	PVC	15.2-25.2	5326.1-5316.1	0.050
KAFB-106111-050	Fuel Offloading Rack		1541336.14	1473285.95	5341.3	5341.6	5341.1	0.5	50.1	11.75	0.75	PVC	40.1-50.1	5301.2-5291.2	0.050
KAFB-106111-150			1541336.40	1473286.06	5341.3	5341.6	5341.1	0.5	150.3	9.63	0.75	PVC	140.3-150.3	5201.0-5191.0	0.050
KAFB-106111-250			1541336.38	1473286.32	5341.3	5341.6	5341.1	0.5	250.3	9.63	0.75	PVC	240.3-250.3	5101.0-5091.0	0.050
KAFB-106111-350			1541336.08	1473286.40	5341.3	5341.6	5341.1	0.5	350.4	9.63	0.75	PVC	340.4-350.4	5000.9-4990.9	0.050
KAFB-106111-450			1541336.22	1473286.30	5341.3	5341.6	5341.0	0.6	450.3	9.63	3.00	PVC	440.3-450.3	4901.0-4891.0	0.050
KAFB-106112															
KAFB-106112-025	SVM-05 (sampled)	3/2/2011	1541936.54	1473503.09	5347.6	5347.8	5347.2	0.6	25.0	11.75	0.75	PVC	15.0-25.0	5332.6-5322.6	0.050
KAFB-106112-050	Fuel Percolation Area		1541936.70	1473502.85	5347.6	5347.8	5347.2	0.6	50.0	11.75	0.75	PVC	40.0-50.0	5307.6-5297.6	0.050
KAFB-106112-150			1541936.98	1473502.95	5347.6	5347.8	5347.3	0.5	150.0	9.63	0.75	PVC	140.0-150.0	5207.6-5197.6	0.050
KAFB-106112-250			1541937.01	1473503.22	5347.6	5347.8	5347.3	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5107.6-5097.6	0.050
KAFB-106112-350			1541936.72	1473503.34	5347.6	5347.8	5347.3	0.5	349.0	9.63	0.75	PVC	339.0-349.0	5008.6-4998.6	0.050
KAFB-106112-450			1541936.80	1473503.19	5347.6	5347.8	5347.3	0.5	449.0	9.63	3.00	PVC	439.0-449.0	4908.6-4898.6	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106113															
KAFB-106113-020	SVM-06 (sampled)	2/8/2011	1542004.37	1473062.15	5345.8	5346.1	5345.5	0.6	20.0	11.75	0.75	PVC	10.0-20.0	5335.8-5325.8	0.050
KAFB-106113-050	Piping		1542004.23	1473061.84	5345.8	5346.1	5345.5	0.6	50.0	11.75	0.75	PVC	40.0-50.0	5305.8-5295.8	0.050
KAFB-106113-150			1542004.48	1473061.65	5345.8	5346.1	5345.5	0.6	150.0	9.63	0.75	PVC	140.0-150.0	5205.8-5195.8	0.050
KAFB-106113-250			1542004.79	1473061.80	5345.8	5346.1	5345.5	0.6	250.0	9.63	0.75	PVC	240.0-250.0	5105.8-5095.8	0.050
KAFB-106113-350			1542004.70	1473062.07	5345.8	5346.1	5345.6	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5005.8-4995.8	0.050
KAFB-106113-450			1542004.50	1473062.01	5345.8	5346.1	5345.6	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4905.8-4895.8	0.050
KAFB-106114															
KAFB-106114-025	SVM-07 (sampled)	3/1/2011	1541796.49	1473062.35	5344.8	5344.9	5344.6	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5329.8-5319.8	0.050
KAFB-106114-050	Piping		1541796.24	1473062.13	5344.8	5344.9	5344.6	0.3	50.0	11.75	0.75	PVC	40.0-50.0	5304.8-5294.8	0.050
KAFB-106114-150			1541796.37	1473061.84	5344.8	5344.9	5344.6	0.3	150.0	9.63	0.75	PVC	140.0-150.0	5204.8-5194.8	0.050
KAFB-106114-245			1541796.68	1473061.86	5344.8	5344.9	5344.6	0.3	245.0	9.63	0.75	PVC	235.0-245.0	5109.8-5099.8	0.050
KAFB-106114-350			1541796.71	1473062.17	5344.8	5344.9	5344.6	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5004.8-4994.8	0.050
KAFB-106114-450			1541796.50	1473062.21	5344.8	5344.9	5344.6	0.3	449.6	9.63	3.00	PVC	439.6-449.6	4905.2-4895.2	0.050
KAFB-106115															
KAFB-106115-025	SVM-08 (sampled)	2/20/2011	1542375.31	1473054.86	5347.9	5348.1	5347.6	0.5	24.6	11.75	0.75	PVC	14.6-24.6	5333.3-5323.3	0.050
KAFB-106115-050	Piping		1542375.13	1473054.62	5347.9	5348.1	5347.6	0.5	49.6	11.75	0.75	PVC	39.6-49.6	5308.3-5298.3	0.050
KAFB-106115-155			1542374.86	1473054.66	5347.9	5348.1	5347.6	0.5	154.6	9.63	0.75	PVC	144.6-154.6	5203.3-5193.3	0.050
KAFB-106115-250			1542374.83	1473054.94	5347.9	5348.1	5347.7	0.4	249.6	9.63	0.75	PVC	239.6-249.6	5108.3-5098.3	0.050
KAFB-106115-350			1542375.10	1473055.00	5347.9	5348.1	5347.7	0.4	349.6	9.63	0.75	PVC	339.6-349.6	5008.3-4998.3	0.050
KAFB-106115-450			1542375.05	1473054.93	5347.9	5348.1	5347.7	0.4	449.6	9.63	3.00	PVC	439.6-449.6	4908.3-4898.3	0.050
KAFB-106118															
KAFB-106118-025	SVM-11 (sampled)	3/7/2011	1541791.34	1473740.74	5345.8	5345.9	5345.5	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5330.8-5320.8	0.050
KAFB-106118-050	Step-out from Fuel Offloading		1541791.43	1473741.03	5345.8	5345.9	5345.4	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5305.8-5295.8	0.050
KAFB-106118-160			1541791.54	1473740.55	5345.8	5345.9	5345.4	0.5	160.0	9.63	0.75	PVC	150.0-160.0	5195.8-5185.8	0.050
KAFB-106118-265			1541791.76	1473741.00	5345.8	5345.9	5345.5	0.4	265.0	9.63	0.75	PVC	255.0-265.0	5090.8-5080.8	0.050
KAFB-106118-350			1541791.83	1473740.65	5345.8	5345.9	5345.5	0.4	350.0	9.63	0.75	PVC	340.0-350.0	5005.8-4995.8	0.050
KAFB-106118-450			1541791.61	1473740.91	5345.8	5345.9	5345.4	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4905.8-4895.8	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106119															
KAFB-106119-025	SVM-12 (sampled)	3/6/2011	1541613.06	1473519.57	5343.5	5343.6	5343.2	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5328.5-5318.5	0.050
KAFB-106119-050	Fuel Percolation Area and Fue		1541613.23	1473519.32	5343.5	5343.6	5343.2	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5303.5-5293.5	0.050
KAFB-106119-150			1541613.50	1473519.41	5343.5	5343.6	5343.2	0.4	150.0	9.63	0.75	PVC	140.0-150.0	5203.5-5193.5	0.050
KAFB-106119-250			1541613.54	1473519.68	5343.5	5343.6	5343.2	0.4	250.0	9.63	0.75	PVC	240.0-250.0	5103.5-5093.5	0.050
KAFB-106119-350			1541613.27	1473519.79	5343.5	5343.6	5343.2	0.4	350.0	9.63	0.75	PVC	340.0-350.0	5003.5-4993.5	0.050
KAFB-106119-450			1541613.29	1473519.63	5343.5	5343.6	5343.2	0.4	450.0	9.63	3.00	PVC	440.0-450.0	4903.5-4893.5	0.050
KAFB-106129															
KAFB-106129-025	SVM-22 (sampled)	3/6/2011	1542130.54	1473260.77	5348.4	5348.5	5348.1	0.4	25.1	11.75	0.75	PVC	15.1-25.1	5333.3-5323.3	0.050
KAFB-106129-050	Fuel Percolation Area		1542130.82	1473260.63	5348.4	5348.5	5348.2	0.3	49.7	11.75	0.75	PVC	39.7-49.7	5308.7-5298.7	0.050
KAFB-106129-150			1542131.04	1473260.87	5348.4	5348.5	5348.1	0.4	150.2	9.63	0.75	PVC	140.2-150.2	5208.2-5198.2	0.050
KAFB-106129-250			1542130.92	1473261.13	5348.4	5348.5	5348.1	0.4	250.1	9.63	0.75	PVC	240.1-250.1	5108.3-5098.3	0.050
KAFB-106129-350			1542130.63	1473261.10	5348.4	5348.5	5348.0	0.5	347.4	9.63	0.75	PVC	337.4-347.4	5011.0-5001.0	0.050
KAFB-106129-450			1542130.79	1473260.99	5348.4	5348.5	5348.2	0.3	450.7	9.63	3.00	PVC	440.7-450.7	4907.7-4897.7	0.050
KAFB-106130															
KAFB-106130-025	SVM-23 (sampled)	2/21/2011	1542130.89	1473565.67	5349.0	5349.2	5348.7	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5334.0-5324.0	0.050
KAFB-106130-050	Fuel Percolation Area		1542131.10	1473565.54	5349.0	5349.2	5348.7	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5309.0-5299.0	0.050
KAFB-106130-160			1542131.37	1473565.64	5349.0	5349.2	5348.7	0.5	160.0	9.63	0.75	PVC	150.0-160.0	5199.0-5189.0	0.050
KAFB-106130-250			1542131.32	1473565.92	5349.0	5349.2	5348.7	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5109.0-5099.0	0.050
KAFB-106130-350			1542131.05	1473566.00	5349.0	5349.2	5348.7	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5009.0-4999.0	0.050
KAFB-106130-450			1542131.11	1473565.86	5349.0	5349.2	5348.8	0.4	450.0	9.63	3.00	PVC	440.0-450.0	4909.0-4899.0	0.050
KAFB-106131															
KAFB-106131-025	SVM-24 (sampled)	3/7/2011	1541690.40	1472926.92	5344.4	5344.6	5344.3	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5329.4-5319.4	0.050
KAFB-106131-055	Far Field and Piping		1541690.62	1472926.74	5344.4	5344.6	5344.3	0.3	55.0	11.75	0.75	PVC	45.0-55.0	5299.4-5289.4	0.050
KAFB-106131-150			1541690.52	1472927.23	5344.4	5344.6	5344.3	0.3	150.0	9.63	0.75	PVC	140.0-150.0	5204.4-5194.4	0.050
KAFB-106131-245			1541690.89	1472926.90	5344.4	5344.6	5344.3	0.3	245.0	9.63	0.75	PVC	235.0-245.0	5109.4-5099.4	0.050
KAFB-106131-350			1541690.79	1472927.19	5344.4	5344.6	5344.3	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5004.4-4994.4	0.050
KAFB-106131-440			1541690.63	1472927.07	5344.4	5344.6	5344.3	0.3	440.0	9.63	3.00	PVC	430.0-440.0	4914.4-4904.4	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106132															
KAFB-106132-025	SVM-25 (sampled)	2/17/2011	1542804.30	1473591.31	5353.0	5353.0	5352.7	0.3	25.0	11.75	0.75	PVC	15.0-25.0	5338.0-5328.0	0.050
KAFB-106132-050	Fuel Percolation Area		1542803.81	1473591.40	5353.0	5353.0	5352.7	0.3	50.0	11.75	0.75	PVC	40.0-50.0	5313.0-5303.0	0.050
KAFB-106132-175			1542804.13	1473591.06	5353.0	5353.0	5352.7	0.3	175.0	9.63	0.75	PVC	165.0-175.0	5188.0-5178.0	0.050
KAFB-106132-250			1542803.82	1473591.09	5353.0	5353.0	5352.7	0.3	250.0	9.63	0.75	PVC	240.0-250.0	5113.0-5103.0	0.050
KAFB-106132-350			1542804.08	1473591.52	5353.0	5353.0	5352.7	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5013.0-5003.0	0.050
KAFB-106132-450			1542804.04	1473591.35	5353.0	5353.0	5352.7	0.3	450.0	9.63	3.00	PVC	440.0-450.0	4913.0-4903.0	0.050
KAFB-106133															
KAFB-106133-025	SVM-26 (sampled)	2/16/2011	1542416.13	1473501.59	5352.0	5352.0	5351.6	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5337.0-5327.0	0.050
KAFB-106133-050	Fuel Percolation Area		1542416.05	1473501.87	5352.0	5352.0	5351.6	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5312.0-5302.0	0.050
KAFB-106133-170			1542416.29	1473502.09	5352.0	5352.0	5351.5	0.5	170.0	9.63	0.75	PVC	160.0-170.0	5192.0-5182.0	0.050
KAFB-106133-250			1542416.53	1473501.93	5352.0	5352.0	5351.5	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5112.0-5102.0	0.050
KAFB-106133-350			1542416.48	1473501.62	5352.0	5352.0	5351.6	0.4	349.0	9.63	0.75	PVC	339.0-349.0	5013.0-5003.0	0.050
KAFB-106133-450			1542416.30	1473501.87	5352.0	5352.0	5351.6	0.4	449.0	9.63	3.00	PVC	439.0-449.0	4913.0-4903.0	0.050
KAFB-106134															
KAFB-106134-025	SVM-27 (sampled)	2/23/2011	1542371.26	1473809.91	5347.6	5348.0	5347.5	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5332.6-5322.6	0.050
KAFB-106134-050	Fuel Percolation Area		1542370.98	1473809.94	5347.6	5348.0	5347.5	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5307.6-5297.6	0.050
KAFB-106134-170			1542371.37	1473810.19	5347.6	5348.0	5347.5	0.5	170.0	9.63	0.75	PVC	160.0-170.0	5187.6-5177.6	0.050
KAFB-106134-250			1542371.17	1473810.38	5347.6	5348.0	5347.4	0.6	250.0	9.63	0.75	PVC	240.0-250.0	5107.6-5097.6	0.050
KAFB-106134-350			1542370.87	1473810.22	5347.6	5348.0	5347.5	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5007.6-4997.6	0.050
KAFB-106134-450			1542371.14	1473810.24	5347.6	5348.0	5347.5	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4907.6-4897.6	0.050
KAFB-106135															
KAFB-106135-025	SVM-01 (not sampled)	2/5/2011	1542905.05	1474068.94	5351.1	5351.4	5350.9	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5336.1-5326.1	0.050
KAFB-106135-050	Far Field		1542905.26	1474068.73	5351.1	5351.4	5350.9	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5311.1-5301.1	0.050
KAFB-106135-150			1542905.12	1474068.42	5351.1	5351.4	5350.9	0.5	150.0	9.63	0.75	PVC	140.0-150.0	5211.1-5201.1	0.050
KAFB-106135-250			1542904.79	1474068.53	5351.1	5351.4	5350.9	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5111.1-5101.1	0.050
KAFB-106135-350			1542904.80	1474068.83	5351.1	5351.4	5350.9	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5011.1-5001.1	0.050
KAFB-106135-450			1542904.98	1474068.80	5351.1	5351.4	5350.9	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4911.1-4901.1	0.050

Table 3-4. SVM Well Construction Details, January - September 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-106137															
KAFB-106137-025	SVM-03 (not sampled)	1/22/2011	1542321.63	1474077.36	5347.3	5347.4	5346.8	0.6	25.0	11.75	0.75	PVC	15.0-25.0	5332.3-5322.3	0.050
KAFB-106137-050	Far Field		1542321.39	1474077.54	5347.3	5347.4	5346.7	0.7	50.0	11.75	0.75	PVC	40.0-50.0	5307.3-5297.3	0.050
KAFB-106137-150			1542321.11	1474077.35	5347.3	5347.4	5346.7	0.7	150.0	9.63	0.75	PVC	140.0-150.0	5207.3-5197.3	0.050
KAFB-106137-250			1542321.25	1474077.08	5347.3	5347.4	5346.9	0.5	250.1	9.63	0.75	PVC	240.1-250.1	5107.2-5097.2	0.050
KAFB-106137-350			1542321.59	1474077.09	5347.3	5347.4	5346.9	0.5	350.5	9.63	0.75	PVC	340.5-350.5	5006.8-4996.8	0.050
KAFB-106137-450			1542321.39	1474077.42	5347.3	5347.4	5346.9	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4907.3-4897.3	0.050
KAFB-106139															
KAFB-106139-025	SVM-05 (not sampled)	1/14/2011	1541248.32	1474049.85	5341.3	5341.5	5341.0	0.5	25.0	11.75	0.75	PVC	15.0-25.0	5326.3-5316.3	0.050
KAFB-106139-050	Far Field		1541248.53	1474049.41	5341.3	5341.5	5341.0	0.5	50.0	11.75	0.75	PVC	40.0-50.0	5301.3-5291.3	0.050
KAFB-106139-150			1541248.26	1474049.29	5341.3	5341.5	5341.0	0.5	150.0	9.63	0.75	PVC	140.0-150.0	5201.3-5191.3	0.050
KAFB-106139-250			1541248.11	1474049.60	5341.3	5341.5	5341.0	0.5	250.0	9.63	0.75	PVC	240.0-250.0	5101.3-5091.3	0.050
KAFB-106139-350			1541248.60	1474049.74	5341.3	5341.5	5341.0	0.5	350.0	9.63	0.75	PVC	340.0-350.0	5001.3-4991.3	0.050
KAFB-106139-450			1541248.45	1474049.68	5341.3	5341.5	5341.0	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4901.3-4891.3	0.050
KAFB-106140															
KAFB-106140-025	SVM-06 (not sampled)	1/20/2011	1542236.63	1472632.54	5345.3	5345.4	5345.0	0.4	25.0	11.75	0.75	PVC	15.0-25.0	5330.3-5320.3	0.050
KAFB-106140-050	Far Field and Fuel Tanks		1542236.96	1472632.40	5345.3	5345.4	5345.0	0.4	50.0	11.75	0.75	PVC	40.0-50.0	5305.3-5295.3	0.050
KAFB-106140-150			1542236.66	1472632.87	5345.3	5345.4	5345.0	0.4	151.8	9.63	0.75	PVC	141.8-151.8	5203.5-5193.5	0.050
KAFB-106140-250			1542236.96	1472632.93	5345.3	5345.4	5345.0	0.4	250.0	9.63	0.75	PVC	240.0-250.0	5105.3-5095.3	0.050
KAFB-106140-350			1542237.19	1472632.68	5345.3	5345.4	5345.1	0.3	350.0	9.63	0.75	PVC	340.0-350.0	5005.3-4995.3	0.050
KAFB-106140-450			1542236.88	1472632.75	5345.3	5345.4	5344.9	0.5	450.0	9.63	3.00	PVC	440.0-450.0	4905.3-4895.3	0.050

[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 – September 2011

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 03 Report 2011 Surveyed Wells				
KAFB-106127	SVM	9/16/2011	1542436.901	1472747.418
KAFB-106120	SVM	8/8/2011	1542054.707	1472900.976
KAFB-106122	SVM	8/8/2011	1542096.084	1472866.989
KAFB-106124	SVM	8/8/2011	1542370.277	1472802.899
KAFB-106125	SVM	8/8/2011	1542444.825	1472870.004
KAFB-106126	SVM	8/8/2011	1542499.755	1472796.800
KAFB-106136	SVM	8/8/2011	1543098.952	1474676.274
KAFB-106032	GW	8/8/2011	1541595.856	1476183.214
KAFB-106033	GW	8/8/2011	1541562.353	1476182.845
KAFB-106034	GW	8/8/2011	1541580.023	1476152.015
KAFB-106094	GW	8/8/2011	1542110.363	1474711.234
KAFB-106095	GW	8/8/2011	1542095.424	1474735.606
KAFB-106096	GW	8/8/2011	1542080.535	1474708.510
KAFB-106085	GW	8/8/2011	1542564.281	1475983.023
KAFB-106086	GW	8/8/2011	1542551.828	1475969.463
KAFB-106087	GW	8/8/2011	1542551.206	1476002.267
KAFB-106103	GW	8/8/2011	1543685.459	1475685.620
KAFB-106104	GW	8/8/2011	1543662.443	1475703.323
KAFB-106055	GW	8/8/2011	1543756.997	1477302.338
KAFB-106057	GW	8/8/2011	1543786.192	1477301.350
KAFB-106058	GW	8/8/2011	1543818.381	1477291.916
KAFB-106041	GW	8/8/2011	1543647.136	1477945.021
KAFB-106042	GW	8/8/2011	1543633.948	1477965.570
KAFB-106043	GW	8/8/2011	1543616.108	1477951.991
KAFB-106052	GW	8/8/2011	1543037.590	1477669.514
KAFB-106053	GW	8/8/2011	1543038.231	1477700.797
KAFB-106054	GW	8/8/2011	1543039.629	1477778.951
KAFB-106035	GW	9/16/2011	1543635.857	1476440.550
KAFB-106036	GW	9/16/2011	1543660.150	1476441.084
KAFB-106037	GW	9/16/2011	1543685.531	1476440.703
KAFB-106106	GW	9/16/2011	1543381.450	1477873.449
KAFB-106105	GW	9/16/2011	1543379.491	1477848.603
KAFB-106107	GW	9/16/2011	1543378.706	1477809.349
KAFB-106038	GW	9/16/2011	1543314.14	1475062.626
KAFB-106039	GW	9/16/2011	1543339.758	1475066.184
KAFB-106040	GW	9/16/2011	1543322.328	1475087.778
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	1542707.550	1477682.534
KAFB-106050	GW	5/23/2011	1542708.503	1477761.665

Table 3-5. Well Installation Survey Data
January – September 2011 (Continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 02 Report 2011 Surveyed Wells (Continued)				
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	1475942.550
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	1542201.380	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	1474078.440
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	1475340.930
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	1474734.320
KAFB-106098	GW	5/23/2011	1541702.870	1474763.789
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	1541155.100	1473519.632
DP003	FFOR Shallow Soil Sampling	5/17/2011	1541155.135	1473514.570
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	1541185.090	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

Table 3-5. Well Installation Survey Data
January – September 2011 (Continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 02 Report 2011 Surveyed Wells (Continued)				
DP018	FFOR Shallow Soil Sampling	5/17/2011	1541205.011	1473524.691
DP019	FFOR Shallow Soil Sampling	5/17/2011	1541204.990	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	1473523.690
DP025	FFOR Shallow Soil Sampling	5/17/2011	1541225.050	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	1541255.000	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	1473519.860
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	1473519.860
DP049	FFOR Shallow Soil Sampling	5/17/2011	1541304.953	1473524.820
DP050	FFOR Shallow Soil Sampling	5/17/2011	1541305.039	1473519.883
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	1473519.910
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

Table 3-5. Well Installation Survey Data
January – September 2011 (Continued)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 02 Report 2011 Surveyed Wells (Continued)				
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	1541625.280	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
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	1541965.200	1473039.981
DP232	FFOR Shallow Soil Sampling	5/17/2011	1541973.043	1473050.790
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	1542005.190	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

Table 3-5. Well Installation Survey Data
January – September 2011 (Concluded)

Well ID	Well Type	Survey Date	Easting[a]	Northing[a]
Quarter 02 Report 2011 Surveyed Wells (Continued)				
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	1473046.350
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	1541447.860	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	1473520.210
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
KAFB-106132	SVM	3/11/2011	1542804.139	1473591.722
KAFB-106133	SVM	3/11/2011	1542416.260	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-August 2011

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP001	6/18/2011	1541155.05	1473524.55	0 - 20
DP002	6/18/2011	1541155.10	1473519.63	0 - 20
DP003	6/18/2011	1541155.14	1473514.57	0 - 20
DP004	6/18/2011	1541165.08	1473524.60	0 - 20
DP005	6/18/2011	1541165.08	1473519.58	0 - 20
DP006	6/18/2011	1541165.14	1473514.58	0 - 20
DP007	6/19/2011	1541166.15	1473519.56	0 - 20
DP008	6/19/2011	1541171.09	1473524.58	0 - 20
DP009	6/19/2011	1541171.07	1473519.60	0 - 20
DP010	6/19/2011	1541171.12	1473514.60	0 - 20
DP011	6/19/2011	1541176.06	1473519.58	0 - 20
DP012	6/19/2011	1541185.09	1473524.62	0 - 20
DP013	6/19/2011	1541185.10	1473519.65	0 - 20
DP014	6/19/2011	1541185.13	1473514.67	0 - 20
DP015	6/20/2011	1541195.11	1473524.65	0 - 20
DP016	6/20/2011	1541195.02	1473519.59	0 - 20
DP017	6/20/2011	1541195.00	1473514.60	0 - 20
DP018	6/20/2011	1541205.01	1473524.69	0 - 20
DP019	6/20/2011	1541204.99	1473519.63	0 - 20
DP020	6/21/2011	1541205.08	1473514.63	0 - 20
DP021	6/21/2011	1541214.99	1473524.66	0 - 20
DP022	6/21/2011	1541215.07	1473519.68	0 - 20
DP023	6/21/2011	1541215.04	1473514.67	0 - 20
DP024	6/21/2011	1541225.03	1473523.69	0 - 20
DP025	6/21/2011	1541225.05	1473519.75	0 - 20
DP026	6/21/2011	1541225.06	1473514.77	0 - 20
DP027	6/21/2011	1541235.01	1473524.68	0 - 20
DP028	6/22/2011	1541235.03	1473519.78	0 - 20
DP029	6/22/2011	1541235.04	1473514.69	0 - 20
DP030	6/22/2011	1541245.04	1473524.75	0 - 20
DP031	6/22/2011	1541245.03	1473519.81	0 - 20
DP032	6/22/2011	1541245.07	1473514.77	0 - 20
DP033	6/22/2011	1541254.96	1473524.80	0 - 20
DP034	6/22/2011	1541255.00	1473519.80	0 - 20
DP035	6/22/2011	1541255.01	1473514.79	0 - 20
DP036	6/23/2011	1541265.02	1473524.87	0 - 20
DP037	6/23/2011	1541265.07	1473519.86	0 - 20
DP038	6/23/2011	1541265.04	1473514.80	0 - 20
DP039	6/23/2011	1541275.06	1473524.81	0 - 20
DP040	6/23/2011	1541275.05	1473519.83	0 - 20
DP041	6/24/2011	1541275.01	1473514.89	0 - 20
DP042	6/24/2011	1541284.95	1473524.87	0 - 20
DP043	6/24/2011	1541284.99	1473519.86	0 - 20
DP044	6/24/2011	1541284.99	1473514.86	0 - 20
DP045	6/24/2011	1541295.04	1473524.83	0 - 20
DP046	6/25/2011	1541295.09	1473519.82	0 - 20
DP047	6/25/2011	1541295.04	1473514.85	0 - 20
DP048	6/25/2011	1541300.01	1473519.86	0 - 20
DP049	6/25/2011	1541304.95	1473524.82	0 - 20
DP050	6/25/2011	1541305.04	1473519.88	0 - 20
DP051	6/27/2011	1541304.99	1473514.86	0 - 20
DP052	6/27/2011	1541310.05	1473519.87	0 - 20
DP053	6/27/2011	1541315.04	1473524.88	0 - 20

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

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP054	6/27/2011	1541315.11	1473519.86	0 - 20
DP055	6/27/2011	1541315.03	1473514.81	0 - 20
DP056	6/28/2011	1541325.09	1473524.90	0 - 20
DP057	6/28/2011	1541324.99	1473519.85	0 - 20
DP058	6/28/2011	1541325.02	1473514.84	0 - 20
DP059	6/28/2011	1541334.99	1473524.87	0 - 20
DP060	6/28/2011	1541334.96	1473519.92	0 - 20
DP061	6/29/2011	1541335.09	1473514.91	0 - 20
DP062	6/29/2011	1541345.08	1473524.88	0 - 20
DP063	6/29/2011	1541345.04	1473519.91	0 - 20
DP064	6/29/2011	1541345.02	1473514.93	0 - 20
DP065	6/29/2011	1541350.08	1473519.96	0 - 20
DP066	7/6/2011	1541355.04	1473524.94	0 - 20
DP067	7/6/2011	1541355.00	1473519.91	0 - 20
DP068	7/6/2011	1541355.06	1473515.00	0 - 20
DP069	7/6/2011	1541360.10	1473519.97	0 - 20
DP070	7/6/2011	1541365.00	1473524.96	0 - 20
DP071	7/7/2011	1541365.01	1473519.97	0 - 20
DP072	7/7/2011	1541365.00	1473514.94	0 - 20
DP073	7/7/2011	1541375.01	1473524.96	0 - 20
DP074	7/7/2011	1541375.01	1473519.95	0 - 20
DP075	7/7/2011	1541375.04	1473514.93	0 - 20
DP076	7/8/2011	1541385.07	1473525.03	0 - 20
DP077	7/8/2011	1541385.05	1473520.00	0 - 20
DP078	7/8/2011	1541385.04	1473515.00	0 - 20
DP079	7/8/2011	1541395.02	1473524.98	0 - 20
DP080	7/8/2011	1541395.04	1473520.02	0 - 20
DP081	7/9/2011	1541395.05	1473515.07	0 - 20
DP082	7/9/2011	1541404.98	1473525.05	0 - 20
DP083	7/9/2011	1541405.02	1473520.07	0 - 20
DP084	7/9/2011	1541405.08	1473515.05	0 - 20
DP085	7/9/2011	1541413.24	1473525.08	0 - 20
DP086	7/10/2011	1541413.26	1473520.06	0 - 20
DP087	7/10/2011	1541413.42	1473515.10	0 - 20
DP088	7/10/2011	1541423.32	1473525.24	0 - 20
DP089	7/10/2011	1541423.37	1473520.26	0 - 20
DP090	7/10/2011	1541428.38	1473520.28	0 - 20
DP091	7/10/2011	1541428.46	1473510.21	0 - 20
DP092	7/11/2011	1541423.44	1473510.17	0 - 20
DP093	7/11/2011	1541418.38	1473510.15	0 - 20
DP094	7/11/2011	1541428.56	1473500.24	0 - 20
DP095	7/11/2011	1541423.58	1473500.26	0 - 20
DP096	7/12/2011	1541418.47	1473500.20	0 - 20
DP097	7/12/2011	1541428.69	1473490.23	0 - 20
DP098	7/12/2011	1541423.72	1473490.17	0 - 20
DP099	7/12/2011	1541418.52	1473490.26	0 - 20
DP100	7/12/2011	1541428.69	1473480.25	0 - 20
DP101	7/13/2011	1541423.75	1473480.16	0 - 20
DP102	7/13/2011	1541418.69	1473480.26	0 - 20
DP103	7/13/2011	1541428.82	1473470.24	0 - 20
DP104	7/13/2011	1541423.88	1473470.21	0 - 20
DP105	7/13/2011	1541418.72	1473470.27	0-5[a]
DP106	7/14/2011	1541428.90	1473460.21	0 - 20

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

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP107	7/14/2011	1541423.88	1473460.21	0-5[a]
DP108	7/14/2011	1541418.89	1473460.05	0-5[a]
DP109	7/14/2011	1541429.02	1473450.25	0 - 20
DP110	7/14/2011	1541424.05	1473450.16	0 - 20
DP111	7/14/2011	1541418.96	1473450.14	0-5[a]
DP112	7/18/2011	1541429.13	1473440.24	0 - 20
DP113	7/18/2011	1541424.17	1473440.18	0 - 20
DP114	7/18/2011	1541419.11	1473440.18	0-5[a]
DP115	7/18/2011	1541429.24	1473429.29	0 - 20
DP116	7/18/2011	1541424.19	1473429.17	0 - 20
DP117	7/18/2011	1541419.23	1473429.09	0 - 20
DP118	7/18/2011	1541429.24	1473420.23	0 - 20
DP119	7/18/2011	1541424.28	1473420.22	0 - 20
DP120	7/19/2011	1541419.23	1473420.17	0 - 20
DP121	7/19/2011	1541429.35	1473410.22	0 - 20
DP122	7/19/2011	1541424.38	1473410.16	0 - 20
DP123	7/19/2011	1541419.36	1473410.12	0 - 20
DP124	7/19/2011	1541419.47	1473400.14	0 - 20
DP125	7/19/2011	1541419.50	1473390.17	0 - 20
DP126	7/19/2011	1541419.64	1473380.14	0 - 20
DP127	7/19/2011	1541424.40	1473400.18	0 - 20
DP128	7/20/2011	1541424.46	1473395.18	0 - 20
DP129	7/20/2011	1541424.51	1473390.24	0 - 20
DP130	7/20/2011	1541424.62	1473385.24	0 - 20
DP131	7/20/2011	1541424.58	1473380.16	0 - 20
DP157[b]	8/17/2011	1541515.27	1473338.34	0 - 20
DP158[b]	8/17/2011	1541501.03	1473321.84	0 - 20
DP159	8/17/2011	1541513.45	1473318.59	0 - 20
DP160	8/17/2011	1541500.89	1473309.01	0 - 20
DP161	8/17/2011	1541513.26	1473298.54	0 - 20
DP162	7/21/2011	1541512.06	1473118.65	0 - 20
DP163	8/16/2011	1541500.78	1473288.94	0 - 20
DP164	8/16/2011	1541513.17	1473278.64	0 - 20
DP165	8/16/2011	1541500.73	1473268.98	0 - 20
DP166	8/16/2011	1541512.91	1473258.58	0 - 20
DP167	8/16/2011	1541500.60	1473248.96	0 - 20
DP168	8/15/2011	1541512.87	1473238.63	0 - 20
DP169	8/15/2011	1541500.46	1473229.13	0 - 20
DP170	8/15/2011	1541512.81	1473218.68	0 - 20
DP171	8/15/2011	1541500.25	1473208.93	0 - 20
DP172	8/15/2011	1541512.61	1473198.51	0 - 20
DP173	8/12/2011	1541500.20	1473189.04	0 - 20
DP174	8/12/2011	1541512.53	1473178.65	0 - 20
DP175	8/12/2011	1541505.07	1473168.90	0 - 20
DP176	8/12/2011	1541512.43	1473158.57	0 - 20
DP177	8/11/2011	1541505.05	1473151.06	0 - 20
DP178	8/11/2011	1541512.22	1473138.49	0 - 20
DP179	8/11/2011	1541499.93	1473130.98	0 - 20
DP180	8/12/2011	1541499.78	1473111.00	0 - 20
DP181	7/20/2011	1541499.55	1473091.07	0 - 20
DP182	7/20/2011	1541511.91	1473078.60	0 - 20
DP183	7/20/2011	1541499.54	1473071.00	0 - 20
DP184	6/18/2011	1541513.35	1473055.52	0 - 20

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

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP185	6/18/2011	1541499.39	1473051.08	0 - 20
DP186	6/17/2011	1541506.09	1473044.26	0 - 20
DP187	6/17/2011	1541525.29	1473043.98	0 - 20
DP188	6/17/2011	1541533.22	1473055.19	0 - 20
DP189	6/17/2011	1541545.32	1473043.67	0 - 20
DP190	6/17/2011	1541553.17	1473055.00	0 - 20
DP191	6/17/2011	1541565.32	1473043.53	0 - 20
DP192	6/17/2011	1541573.19	1473054.89	0 - 20
DP193	6/17/2011	1541585.37	1473043.43	0 - 20
DP194	6/16/2011	1541593.25	1473054.62	0 - 20
DP195	6/16/2011	1541605.37	1473043.32	0 - 20
DP196	6/16/2011	1541613.16	1473054.52	0 - 20
DP197	6/16/2011	1541625.28	1473043.11	0 - 20
DP198	6/16/2011	1541633.16	1473054.20	0 - 20
DP199	6/9/2011	1541645.25	1473042.84	0 - 20
DP200	6/9/2011	1541653.15	1473053.97	0 - 20
DP201	6/9/2011	1541665.28	1473042.79	0 - 20
DP202	6/9/2011	1541672.11	1473053.77	0 - 20
DP203	6/9/2011	1541685.31	1473042.52	0 - 20
DP204	6/8/2011	1541693.17	1473053.54	0 - 20
DP205	6/8/2011	1541705.28	1473042.31	0 - 20
DP206	6/8/2011	1541713.12	1473053.56	0 - 20
DP207	6/8/2011	1541725.30	1473042.23	0 - 20
DP208	6/8/2011	1541733.10	1473053.23	0 - 20
DP209	6/8/2011	1541745.31	1473042.03	0 - 20
DP210	6/7/2011	1541753.14	1473052.91	0 - 20
DP211	6/7/2011	1541765.28	1473041.86	0 - 20
DP212	6/7/2011	1541773.00	1473052.78	0 - 20
DP213	6/7/2011	1541785.23	1473041.67	0 - 20
DP214	6/7/2011	1541793.11	1473052.53	0 - 20
DP215	6/7/2011	1541805.23	1473041.50	0 - 20
DP216	6/7/2011	1541813.19	1473052.42	0 - 20
DP217	6/7/2011	1541825.26	1473041.29	0 - 20
DP218	6/6/2011	1541833.14	1473052.16	0 - 20
DP219	6/6/2011	1541845.30	1473041.18	0 - 20
DP220	6/6/2011	1541853.11	1473052.01	0 - 20
DP221	6/6/2011	1541865.27	1473040.92	0 - 20
DP222	6/6/2011	1541873.10	1473051.78	0 - 20
DP223	6/5/2011	1541885.25	1473040.76	0 - 20
DP224	6/5/2011	1541893.16	1473051.53	0 - 20
DP225	6/5/2011	1541905.29	1473040.54	0 - 20
DP226	6/5/2011	1541913.10	1473051.30	0 - 20
DP227	6/5/2011	1541925.18	1473040.40	0 - 20
DP228	6/5/2011	1541933.06	1473051.12	0 - 20
DP229	6/5/2011	1541945.15	1473040.21	0 - 20
DP230	6/5/2011	1541953.12	1473050.89	0 - 20
DP231	6/4/2011	1541965.20	1473039.98	0 - 20
DP232	6/4/2011	1541973.04	1473050.79	0 - 20
DP233	6/4/2011	1541985.20	1473039.86	0 - 20
DP234	6/4/2011	1541992.98	1473046.50	0 - 20
DP235	6/4/2011	1542005.19	1473039.63	0 - 20
DP236	6/4/2011	1542013.02	1473050.32	0 - 20
DP237	6/4/2011	1542033.00	1473050.09	0 - 20

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

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP238	6/4/2011	1542053.06	1473049.87	0 - 20
DP239	6/3/2011	1542072.99	1473049.62	0 - 20
DP240	6/3/2011	1542093.02	1473049.46	0 - 20
DP241	6/3/2011	1542113.04	1473049.18	0 - 20
DP242	6/3/2011	1542132.98	1473048.92	0 - 20
DP243	6/3/2011	1542152.99	1473048.79	0 - 20
DP244	6/3/2011	1542173.01	1473048.60	0 - 20
DP245	6/3/2011	1542193.04	1473048.38	0 - 20
DP246	6/3/2011	1542212.93	1473048.10	0 - 20
DP247	6/2/2011	1542233.00	1473047.93	0 - 20
DP248	6/2/2011	1542252.95	1473047.72	0 - 20
DP249	6/2/2011	1542272.96	1473046.46	0 - 20
DP250	6/2/2011	1542292.90	1473046.35	0 - 20
DP251	6/2/2011	1542312.92	1473046.08	0 - 20
DP252	6/2/2011	1542332.87	1473045.85	0 - 20
DP253	6/2/2011	1542352.92	1473045.62	0 - 20
DP254	6/2/2011	1542372.96	1473045.54	0 - 20
DP255	8/1/2011	1542379.65	1473020.52	0 - 20
DP256	8/2/2011	1542369.71	1473020.56	0 - 20
DP257	8/2/2011	1542379.53	1473000.56	0 - 20
DP258	8/2/2011	1542369.47	1473000.53	0 - 20
DP259	8/2/2011	1542379.36	1472980.51	0 - 20
DP260	8/2/2011	1542369.25	1472980.52	0 - 20
DP261	8/9/2011	1542379.01	1472960.50	0 - 20
DP262	8/9/2011	1542369.10	1472960.57	0 - 20
DP263	8/9/2011	1542378.93	1472940.56	0 - 20
DP264	8/9/2011	1542368.83	1472940.57	0 - 20
DP265	8/9/2011	1542378.67	1472920.53	0 - 20
DP266	8/9/2011	1542368.66	1472920.54	0 - 20
DP267	8/9/2011	1542378.55	1472900.52	0 - 20
DP268	8/9/2011	1542368.41	1472900.61	0 - 20
DP269	8/10/2011	1542378.26	1472880.50	0 - 20
DP270	8/10/2011	1542368.28	1472880.62	0 - 20
DP271	8/10/2011	1542378.02	1472860.51	0 - 20
DP272	8/10/2011	1542368.08	1472860.55	0 - 20
DP273	8/10/2011	1542377.83	1472840.53	0 - 20
DP274	8/10/2011	1542367.89	1472840.54	0 - 20
DP275	8/10/2011	1542377.62	1472820.50	0 - 20
DP276	8/10/2011	1542367.67	1472820.60	0 - 20
DP277	8/11/2011	1542377.36	1472800.49	0 - 20
DP278	8/11/2011	1542367.39	1472800.52	0 - 20
DP279	8/1/2011	1542372.90	1473037.58	0 - 20
DP280	8/1/2011	1542352.97	1473037.85	0 - 20
DP281	8/1/2011	1542332.92	1473038.02	0 - 20
DP282	8/1/2011	1542312.92	1473038.17	0 - 20
DP283	8/1/2011	1542292.95	1473038.50	0 - 20
DP284	8/1/2011	1542272.92	1473038.65	0 - 20
DP285	7/29/2011	1542252.83	1473038.81	0 - 20
DP286	7/29/2011	1542232.94	1473039.04	0 - 20
DP287	7/29/2011	1542212.87	1473039.24	0 - 20
DP288	7/29/2011	1542192.92	1473039.51	0 - 20
DP289	7/29/2011	1542172.88	1473039.62	0 - 20
DP290	7/28/2011	1542152.89	1473039.90	0 - 20

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

Borehole ID	Completion Date	X	Y	Depth (ft bgs)
DP291	7/28/2011	1542132.96	1473040.00	0 - 20
DP292	7/28/2011	1542112.93	1473040.27	0 - 20
DP293	7/28/2011	1542092.92	1473040.41	0 - 20
DP294	7/28/2011	1542072.92	1473040.71	0 - 20
DP295	7/28/2011	1542053.01	1473040.93	0 - 20
DP296	7/28/2011	1542032.93	1473041.06	0 - 20
DP297	7/28/2011	1542012.95	1473041.33	0 - 20
DP298	7/21/2011	1542012.16	1473019.52	0 - 20
DP299	7/21/2011	1542002.18	1473019.66	0 - 20
DP300	7/21/2011	1542011.93	1472999.55	0 - 20
DP301	7/21/2011	1542001.94	1472999.59	0 - 20
DP302	7/26/2011	1542011.66	1472979.48	0 - 20
DP303	7/26/2011	1542001.73	1472979.60	0 - 20
DP304	7/26/2011	1542011.43	1472959.51	0 - 20
DP305	7/26/2011	1542001.42	1472959.57	0 - 20
DP306	7/26/2011	1542011.21	1472939.54	0 - 20
DP307	7/26/2011	1542001.18	1472939.63	0 - 20
DP308	7/26/2011	1542010.99	1472919.45	0 - 20
DP309	7/26/2011	1542000.94	1472919.66	0 - 20
DP310	7/27/2011	1542010.74	1472899.54	0 - 20
DP311	7/27/2011	1542000.74	1472899.59	0 - 20
DP312	7/27/2011	1542010.62	1472879.49	0 - 20
DP313	7/27/2011	1542000.56	1472879.61	0 - 20
DP314	7/27/2011	1542010.28	1472859.48	0 - 20
DP315	7/27/2011	1542000.33	1472859.60	0 - 20
DP316	7/27/2011	1542010.06	1472839.55	0 - 20
DP317	7/27/2011	1542000.15	1472839.50	0 - 20
DP319	7/21/2011	1541512.13	1473098.67	0 - 20

[a]Boreholes were not completed due to refusal at abandoned concrete sleeve. Boreholes will be fully advanced to 20 ft at a later date.
[b]Coordinates reflect new, NMED approved location.

Table 3-7. Summary of Aquifer Characteristics Determined by Slug Testing

Results				Field QC Repeat Results			
Well ID No.	**K (ft/day)**	**(S_s ft^{-1})**	**(Kv/Kh)**	**Well ID No.**	**K (ft/day)**	**(S_s ft^{-1})**	**(Kv/Kh)**
KAFB 10610	104	6.3E-04	4.0E-02				
KAFB 10613	92	3.8E-05	1.0E-01				
KAFB 10617	74	1.4E-05	1.0E-01				
KAFB 10618	68	2.8E-05	1.0E-02				
KAFB 10619	41	1.0E-05	1.0E-02				
KAFB 10620	93	1.9E-04	1.0E-01				
KAFB 10621	46	2.7E-04	1.1E-02				
KAFB 10625	46	1.5E-04	1.0E-01				
KAFB 106030	65	7.9E-05	1.0E-01				
KAFB 106032	108	1.7E-04	1.0E-01	**QC KAFB 106032**	108	5.4E-05	1.0E-04
KAFB 106033	76	3.8E-04	1.0E-01				
KAFB 106034	53	1.2E-04	1.0E-01				
KAFB 106036	49	5.8E-05	1.0E-07				
KAFB 106038	113	5.2E-04	1.0E-02	**QC KAFB 106038**	98	1.7E-04	1.0E-03
KAFB 106039	59	2.8E-07	1.0E-09				
KAFB 106040	40	1.5E-04	1.0E-07				
KAFB 106042	66	5.7E-04	1.0E-01				
KAFB 106050	87	1.5E-03	1.E-01				
KAFB 106053	58	4.7E-05	1.0E-01				
KAFB 106057	61	6.5E-05	1.0E-01				
KAFB 106067	54	2.5E-04	2.0E-01				
KAFB 106068	75	5.6E-04	1.0E-01				
KAFB 106071	76	3.5E-05	1.0E-01				
KAFB 106073	72	7.9E-05	1.0E-01				
KAFB 106074	107	7.9E-05	1.0E-01				
KAFB 106075	77	2.5E-05	2.0E-02				
KAFB 106079	121	1.0E-03	3.0E-01				
KAFB 106082	41	1.6E-04	1.0E-01				
KAFB 106083	78	3.1E-04	1.0E-01				
KAFB 106084	102	7.2E-05	1.0E-01				
KAFB 106086	54	7.0E-04	1.0E-01				
KAFB 106089	45	2.0E-04	1.0E-01	**QC KAFB 106089**	72	7.0E-05	1.0E-06
KAFB 106092	80	5.8E-05	1.0E-01				
KAFB 106095	87	1.8E-04	1.0E-01				
KAFB 106096	129	1.0E-05	1.0E-01	**QC KAFB 106096**	199	6.2E-07	1.0E-04
KAFB 106105	72	2.7E-05	1.0E-05				
KAFB 106107	84	5.2E-04	1.0E-06				
Geo. Mean	71	1.E-04	1.E-02	**Geo. Mean**	111	2.5E-05	5.6E-05
Minimum	40	3.E-07	1.E-09	**Minimum**	72	6.2E-07	1.0E-06
Maximum	129	2.E-03	3.E-01	**Maximum**	199	1.7E-04	1.0E-03

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Table 3-8. Installation of Bennett Pump Sampling Systems
January – September 2011

Monitoring Well	New Bennett Pump Sampling System Installed
Quarter 03 Report 2011	
KAFB-106076	July 25, 2011
KAFB-106083	July 25, 2011
KAFB-106084	July 25, 2011
KAFB-106082	July 26, 2011
KAFB-106042	August 17, 2011
KAFB-106067	August 17, 2011
KAFB-106069	August 17, 2011
KAFB-106068	August 18, 2011
KAFB-106099	August 18, 2011
KAFB-106100	August 18, 2011
KAFB-106073	August 19, 2011
KAFB-106074	August 19, 2011
KAFB-106075	August 19, 2011
KAFB-106049	August 22, 2011
KAFB-106050	August 22, 2011
KAFB-106051	August 22, 2011
KAFB-106070	August 23, 2011
KAFB-106071	August 23, 2011
KAFB-106072	August 23, 2011
KAFB-106097	August 24, 2011
KAFB-106098	August 24, 2011
KAFB-106043	August 29, 2011
KAFB-106065	August 29, 2011
KAFB-106066	August 29, 2011
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, May - July 2011

			LOCATION CODE	KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120		
			SAMPLE NO	SB0172			SB0173			SB0174			SB0175			SB0176			SB0177			SB0178			SB0179			SB0180			SB0181		
			SAMPLE DATE	6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			7-Jun-11			6-Jun-11		
			SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH	0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			393		41.7	28.7		4.33	10.8		4.51	18.9		4.37	8.81	J	4.25	15.2	J	4.33	9.22		4.28	196		22	29.3		4.16	46.4		4.76
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.07	ND	U	6.46	ND	U	5.3	ND	U	5.86	ND	U	5.5	ND	U	5.45	ND	U	5.99	ND	U	5.92	ND	U	6.1	ND	U	8.18
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,1-DICHLOROPROPENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2,3-TRICHLOROBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2,4-TRIMETHYLBENZENE			0.000678	J	0.00225	0.000193	J-	0.00224	0.000547	J	0.00254	0.000216	J	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	0.000218	J	0.00289
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,3,5-TRIMETHYLBENZENE			0.000331	J	0.00225	ND	UJ	0.00224	0.000413	J	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,3-DICHLOROBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,3-DICHLOROPROPANE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	1-CHLOROHEXANE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	2,2-DICHLOROPROPANE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	2-BUTANONE	25.34	39649	0.0184		0.00564	0.00263	J	0.0056	0.00793		0.00635	0.0117		0.00577	0.00891		0.00587	0.0125		0.00703	0.0035	J	0.00655	0.00589		0.00516	0.00162	J	0.00656	0.0177		0.00722
	2-CHLOROTOLUENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	2-HEXANONE			ND	U	0.00564	ND	U	0.0056	ND	U	0.00635	ND	U	0.00577	ND	U	0.00587	ND	U	0.00703	ND	U	0.00655	ND	U	0.00516	ND	U	0.00656	ND	U	0.00722
	2-PROPENAL	0.00015	0.64556	ND	R	0.0282	ND	R	0.028	ND	R	0.0317	ND	R	0.0289	ND	R	0.0293	ND	R	0.0352	ND	R	0.0327	ND	R	0.0258	ND	R	0.0328	ND	R	0.0361
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0282	ND	R	0.028	ND	R	0.0317	ND	R	0.0289	ND	R	0.0293	ND	R	0.0352	ND	R	0.0327	ND	R	0.0258	ND	R	0.0328	ND	R	0.0361
	4-CHLOROTOLUENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	4-METHYL-2-PENTANONE	7.579	5949	0.00323	J	0.00564	ND	U	0.0056	ND	U	0.00635	ND	U	0.00577	ND	U	0.00587	ND	U	0.00703	ND	U	0.00655	ND	U	0.00516	ND	U	0.00656	ND	U	0.00722
	ACETONE	76.89	67456	0.0791		0.0282	0.0075	U	0.028	0.0335		0.0317	0.041		0.0289	0.0328		0.0293	0.0527		0.0352	0.00936	U	0.0327	0.0143	U	0.0258	0.0058	U	0.0328	0.0657		0.0361
	BENZENE	0.03696	15.49	0.0022	J	0.00225	0.000711	J-	0.00224	0.00322		0.00254	0.00129	J	0.00231	0.000599	J	0.00235	0.000688	J	0.00281	0.000342	J	0.00262	0.000395	J	0.00206	0.00029	J	0.00263	0.000918	J	0.00289
	BROMOBENZENE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	BROMOCHLOROMETHANE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	BROMOFORM			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	BROMOMETHANE	0.03877	22.35	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CARBON DISULFIDE	5.041	1935	ND	UJ	0.00225	ND	UJ	0.00224	ND	UJ	0.00254	ND	UJ	0.00231	ND	UJ	0.00235	ND	UJ	0.00281	ND	UJ	0.00262	ND	UJ	0.00206	ND	UJ	0.00263	ND	UJ	0.00289
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CHLOROBENZENE	1.077	508	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CHLOROETHANE	108.43	43576	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CHLOROFORM	0.00936	5.718	ND	U	0.00225	ND	UJ	0.00224	0.0005	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	ETHYLBENZENE	0.29128	69.66	0.000566	J	0.00225	0.0004	J-	0.00224	0.000762	J	0.00254	0.000533	J	0.00231	0.00029	J	0.00235	0.000353	J	0.00281	ND	U	0.00262	0.000354	J	0.00206	ND	U	0.00263	0.00144	J	0.00289
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	M,P-XYLENES			0.00163	U	0.00451	0.000447	UJ	0.00448	0.00195	J	0.00508	0.000609	U	0.00462	ND	U	0.00469	ND	U	0.00563	ND	U	0.00524	ND	U	0.00412	ND	U	0.00525	0.000619	U	0.00578
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00564	ND	U	0.0056	ND	U	0.00635	ND	U	0.00577	ND	U	0.00587	ND	U	0.00703	ND	U	0.00655	ND	U	0.00516	ND	U	0.00656	ND	U	0.00722
	NAPHTHALENE	0.08389	44.95	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	N-BUTYLBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	N-PROPYLBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	O-XYLENE	24.68	9548	0.00044	J	0.00225	ND	UJ	0.00224	0.000525	J	0.00254	0.000197	J	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	P-ISOPROPYLTOLUENE			0.000467	J	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	SEC-BUTYLBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	STYRENE	31.23	8970	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TERT-BUTYLBENZENE			ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00225	ND	UJ	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TOLUENE	27.66	5570	0.00336	U	0.00225	0.00148	UJ	0.00224	0.00389	U	0.00254	0.00188	U	0.00231	0.00106	U	0.00235	0.00107	U	0.00281	0.000749	U	0.00262	0.000822	U	0.00206	0.00065	U	0.00263	0.00228	U	0.00289
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	VINYL ACETATE	1.525	3646	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00225	ND	U	0.00224	ND	U	0.00254	ND	U	0.00231	ND	U	0.00235	ND	U	0.00281	ND	U	0.00262	ND	U	0.00206	ND	U	0.00263	ND	U	0.00289
	XYLENES	3.523	1086	0.00206	J	0.00676	ND	UJ	0.00672	0.00248	J	0.00761	0.000807	U	0.00693	ND	U	0.00704	ND	U	0.00844	ND	U	0.00786	ND	U	0.00619	ND	U	0.00788	0.00079	U	0.00867

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120		
				SAMPLE NO			SB0172			SB0173			SB0174			SB0175			SB0176			SB0177			SB0178			SB0179			SB0180			SB0181		
				SAMPLE DATE			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			6-Jun-11			7-Jun-11			6-Jun-11		
				SAMPLE PURPOSE			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
				SAMPLE DEPTH			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	1,3-DICHLOROBENZENE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,6-DICHLOROPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2-METHYLPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	2-NITROANILINE			ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	2-NITROPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.679	ND	U	0.712	ND	U	0.757	ND	U	0.714	ND	U	0.712	ND	U	0.712	ND	U	0.71	ND	U	0.719	ND	U	0.698	ND	U	0.799
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	3-NITROANILINE			ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	4-CHLORO-3-METHYLPHENOL			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	4-CHLOROANILINE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	4-NITROANILINE			ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	4-NITROPHENOL			ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	BENZENAMINE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	UJ	0.36	ND	U	0.349	ND	U	0.399
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.133	J	0.339	0.057	J	0.356	0.0302	J	0.379	0.0518	J	0.357	0.0326	J	0.356	0.0473	J	0.356	0.0286	J	0.355	0.452		0.36	0.0338	J	0.349	0.109	J	0.399
	BUTYL BENZYL PHTHALATE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	CARBAZOLE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DIBENZOFURAN			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DI-N-BUTYL PHTHALATE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DI-N-OCTYL PHTHALATE			ND	U	0.339	0.0248	J	0.356	ND	U	0.379	0.0127	J	0.357	ND	U	0.356	0.0126	J	0.356	ND	U	0.355	ND	UJ	0.36	ND	U	0.349	0.0213	J	0.399
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	ISOPHORONE	3.69	5119	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	NITROBENZENE	0.13727	49.41	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.7	ND	U	1.78	ND	U	1.89	ND	U	1.79	ND	U	1.78	ND	U	1.78	ND	U	1.78	ND	U	1.8	ND	U	1.75	ND	U	2
	PHENOL	126	18331	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	PYRIDINE			ND	UJ	0.339	ND	UJ	0.356	ND	UJ	0.379	ND	UJ	0.357	ND	UJ	0.356	ND	UJ	0.356	ND	UJ	0.355	ND	UJ	0.36	ND	UJ	0.349	ND	UJ	0.399
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	ACENAPHTHYLENE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	ANTHRACENE	6739	17203	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BENZO(GHI)PERYLENE			ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	CHRYSENE	652.34	621.36	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	FLUORANTHENE	3108	2294	0.0142	J	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	FLUORENE	499.58	2294	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	NAPHTHALENE	0.08389	44.95	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	PHENANTHRENE	1669	1833	0.0129	J	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
	PYRENE	2238	1720	ND	U	0.339	ND	U	0.356	ND	U	0.379	ND	U	0.357	ND	U	0.356	ND	U	0.356	ND	U	0.355	ND	U	0.36	ND	U	0.349	ND	U	0.399
Metals (mg/kg) Method 6010	LEAD		400	14.7		0.63	4.26	J-	0.65	6.31		0.69	5.11		0.66	4.98		0.65	5.45		0.64	4.07		0.65	4.8		0.66	2.57		0.63	5.35		0.73

[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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121		
			SAMPLE NO	SB0182			SB0183			SB0184			SB0185			SB0186			SB0187			SB0188			SB0189			SB0190			SB0191		
			SAMPLE DATE	7-Jun-11			6-Jun-11			7-Jun-11			7-Jun-11			19-May-11			19-May-11			19-May-11			19-May-11			19-May-11			21-May-11		
			SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			54.7		4.37	13.9		3.98	58		4.63	1160		85.8	520		42.7	109		8.14	8.22		4.2	70.9		8.55	233		21.3	45.3		4.75
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.8	ND	U	5.33	0.809	J	5.54	7.53		6.15	ND	U	7.16	ND	U	6.74	ND	U	5.48	ND	U	7.73	ND	U	6.6	ND	U	7.23
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,1,2,2-TETRACHLOROETHANE	0.0045	7,975	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,1-DICHLOROPROPENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2,3-TRICHLOROBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	UJ	0.00371	ND	U	0.00385
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	UJ	0.00371	ND	U	0.00385
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00235	ND	U	0.00216	0.000233	J	0.00202	0.00613		0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	0.00352		0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,3-DICHLOROBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,3-DICHLOROPROPANE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	1-CHLOROHEXANE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	2,2-DICHLOROPROPANE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	2-BUTANONE	25.34	39649	0.00341	J	0.00586	ND	U	0.0054	0.00314	J	0.00504	0.0964		0.00723	0.0259	J	0.008	0.00304	J	0.00636	0.0126	J	0.00788	0.0168	J	0.00981	0.0135	J	0.00926	0.00897	J	0.00962
	2-CHLOROTOLUENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	2-HEXANONE			ND	U	0.00586	ND	U	0.0054	ND	U	0.00504	ND	U	0.00723	ND	U	0.008	ND	U	0.00636	ND	U	0.00788	ND	U	0.00981	ND	U	0.00926	ND	U	0.00962
	2-PROPENAL	0.00015	0.64556	ND	R	0.0293	ND	R	0.027	ND	R	0.0252	ND	R	0.0361	ND	R	0.04	ND	R	0.0318	ND	R	0.0394	ND	R	0.049	ND	R	0.0463	ND	R	0.0481
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0293	ND	R	0.027	ND	R	0.0252	ND	R	0.0361	ND	R	0.04	ND	R	0.0318	ND	R	0.0394	ND	R	0.049	ND	R	0.0463	ND	R	0.0481
	4-CHLOROTOLUENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00586	ND	U	0.0054	ND	U	0.00504	ND	U	0.00723	ND	U	0.008	ND	U	0.00636	ND	U	0.00788	ND	U	0.00981	ND	U	0.00926	ND	U	0.00962
	ACETONE	76.89	67456	0.0474		0.0293	ND	U	0.027	0.011	U	0.0252	0.084		0.0361	0.124	J	0.008	0.00818	U	0.00636	0.0627	J	0.00788	0.0684	J	0.00981	0.072	J	0.00926	0.0338	J	0.00962
	BENZENE	0.03696	15.49	0.00314		0.00235	0.00062	J	0.00216	0.0199		0.00202	**0.115**		0.00289	0.000834	J	0.0032	0.00125	J	0.00254	0.00322		0.00315	0.00169	J	0.00392	0.00178	J	0.00371	0.00305	J	0.00385
	BROMOBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	BROMOCHLOROMETHANE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	R	0.00254	ND	R	0.00315	ND	R	0.00392	ND	R	0.00371	ND	R	0.00385
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	BROMOFORM			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	BROMOMETHANE	0.03877	22.35	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CARBON DISULFIDE	5.041	1935	ND	UJ	0.00235	ND	UJ	0.00216	ND	UJ	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CHLOROBENZENE	1.077	508	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CHLOROETHANE	108.43	43576	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CHLOROFORM	0.00936	5.718	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00235	ND	U	0.00216	0.00183	J	0.00202	0.057		0.00289	ND	U	0.0032	ND	U	0.00254	0.000969	U	0.00315	0.00113	U	0.00392	ND	U	0.00371	0.00117	U	0.00385
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	UJ	0.00371	ND	U	0.00385
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	0.00464		0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	M,P-XYLENES			ND	U	0.00469	ND	U	0.00432	0.00253	J	0.00403	0.127		0.00578	0.000875	U	0.0064	0.00144	U	0.00509	0.00246	U	0.0063	0.00119	U	0.00785	0.00107	U	0.00741	0.00193	U	0.00769
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00586	ND	U	0.0054	ND	U	0.00504	ND	U	0.00723	ND	U	0.008	ND	U	0.00636	ND	U	0.00788	ND	U	0.00981	ND	U	0.00926	ND	U	0.00962
	NAPHTHALENE	0.08389	44.95	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	N-BUTYLBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	0.00143	J	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	UJ	0.00371	ND	U	0.00385
	N-PROPYLBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	0.00884		0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	O-XYLENE	24.68	9548	ND	U	0.00235	ND	U	0.00216	0.000925	J	0.00202	0.0428		0.00289	ND	U	0.0032	ND	U	0.00254	0.000845	U	0.00315	ND	U	0.00392	ND	U	0.00371	0.000752	J	0.00385
	P-ISOPROPYLTOLUENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	UJ	0.00371	ND	U	0.00385
	SEC-BUTYLBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	0.0027	J	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	STYRENE	31.23	8970	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TERT-BUTYLBENZENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TOLUENE	27.66	5570	0.00311	U	0.00235	0.00119	U	0.00216	0.0394		0.00202	0.769		0.142	0.00176	U	0.0032	0.00273	U	0.00254	0.00496	U	0.00315	0.00335	U	0.00392	0.00591	U	0.00371	0.00396	U	0.00385
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	VINYL ACETATE	1.525	3646	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	UJ	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00235	ND	U	0.00216	ND	U	0.00202	ND	U	0.00289	ND	U	0.0032	ND	U	0.00254	ND	U	0.00315	ND	U	0.00392	ND	U	0.00371	ND	U	0.00385
	XYLENES	3.523	1086	ND	U	0.00704	ND	U	0.00647	0.00345	J	0.00605	0.17		0.00868	0.000875	U	0.0096	0.00144	U	0.00763	0.0033	U	0.00945	0.00119	U	0.0118	0.00107	U	0.0111	0.00268	U	0.0115

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106120			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121		
			SAMPLE NO	SB0182			SB0183			SB0184			SB0185			SB0186			SB0187			SB0188			SB0189			SB0190			SB0191		
			SAMPLE DATE	7-Jun-11			6-Jun-11			7-Jun-11			7-Jun-11			19-May-11			19-May-11			19-May-11			19-May-11			19-May-11			21-May-11		
			SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	1,3-DICHLOROBENZENE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,6-DICHLOROPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2-METHYLPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	2-NITROANILINE			ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	2-NITROPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.719	ND	U	0.668	ND	U	0.762	ND	U	0.708	ND	U	0.703	ND	U	0.68	ND	U	0.692	ND	U	0.715	ND	U	0.693	ND	U	0.782
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	3-NITROANILINE			ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	4-CHLORO-3-METHYLPHENOL			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	4-CHLOROANILINE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	4-NITROANILINE			ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	4-NITROPHENOL			ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	BENZENAMINE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.121	J	0.359	0.0467	J	0.334	0.194	J	0.381	1.64		0.354	ND	U	0.351	0.344		0.34	ND	U	0.346	0.0863	J	0.357	0.584		0.346	0.717		0.391
	BUTYL BENZYL PHTHALATE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	CARBAZOLE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DIBENZOFURAN			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DI-N-BUTYL PHTHALATE			ND	U	0.359	ND	U	0.334	ND	U	0.381	0.0266	J	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DI-N-OCTYL PHTHALATE			0.0259	J	0.359	0.0101	J	0.334	0.0436	J	0.381	0.579		0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	0.119	J	0.346	0.154	J	0.391
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	ISOPHORONE	3.69	5119	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	NITROBENZENE	0.13727	49.41	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.8	ND	U	1.67	ND	U	1.9	ND	U	1.77	ND	U	1.76	ND	U	1.7	ND	U	1.73	ND	U	1.79	ND	U	1.73	ND	U	1.95
	PHENOL	126	18331	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	PYRIDINE			ND	UJ	0.359	ND	UJ	0.334	ND	UJ	0.381	ND	UJ	0.354	ND	UJ	0.351	ND	UJ	0.34	ND	UJ	0.346	ND	UJ	0.357	ND	UJ	0.346	ND	UJ	0.391
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	ACENAPHTHYLENE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	ANTHRACENE	6739	17203	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BENZO(GHI)PERYLENE			ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	CHRYSENE	652.34	621.36	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	FLUORANTHENE	3108	2294	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	0.0209	J	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	FLUORENE	499.58	2294	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	3.51	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	NAPHTHALENE	0.08389	44.95	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	PHENANTHRENE	1669	1833	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	0.0329	J	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
	PYRENE	2238	1720	ND	U	0.359	ND	U	0.334	ND	U	0.381	ND	U	0.354	ND	U	0.351	ND	U	0.34	ND	U	0.346	ND	U	0.357	ND	U	0.346	ND	U	0.391
Metals (mg/kg) Method 6010	LEAD		400	4.69		0.65	2.41		0.61	5.82		0.7	3.7		0.64	15.5		0.64	4.28		0.62	6.58		0.63	8.19		0.65	7.15	J-	0.64	12.9		0.72

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

		LOCATION CODE		KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106121			KAFB-106122			KAFB-106122		
		SAMPLE NO		SB0192			SB0193			SB0194			SB0195			SB0196			SB0197			SB0198			SB0199			SB0200			SB0201		
		SAMPLE DATE		21-May-11			21-May-11			21-May-11			22-May-11			22-May-11			22-May-11			22-May-11			22-May-11			14-Jun-11			14-Jun-11		
		SAMPLE PURPOSE		REG			REG			FD			REG			REG			REG			REG			REG			REG			REG		
		SAMPLE DEPTH		100-150 FT			150-200 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			155		22.8	10.5		4.23	8.23		4.34	22.1		4.75	22.9		4.08	35.8		4.09	22		4.06	17.8		4.57	222		21.8	110		8.29
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.4	ND	U	6.11	ND	U	7.09	ND	U	7.14	ND	U	6.38	ND	U	5.85	ND	U	5.76	ND	U	6.62	ND	U	3.58	ND	U	4.18
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,1-DICHLOROPROPENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2,3-TRICHLOROBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	0.000688	J	0.00154	0.00045	J	0.00159
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	0.000341	J	0.00154	0.000175	J	0.00159
	1,3-DICHLOROBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,3-DICHLOROPROPANE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	1-CHLOROHEXANE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	2,2-DICHLOROPROPANE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	2-BUTANONE	25.34	39649	0.0124	J	0.00956	0.00161	J	0.00619	ND	R	0.00648	0.0252	J	0.00806	0.00235	J	0.00584	0.0014	J	0.00612	ND	R	0.00634	ND	R	0.00709	0.00382	J	0.00385	0.00359	J	0.00398
	2-CHLOROTOLUENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	2-HEXANONE			ND	U	0.00956	ND	U	0.00619	ND	U	0.00648	ND	U	0.00806	ND	U	0.00584	ND	U	0.00612	ND	U	0.00634	ND	U	0.00709	ND	U	0.00385	ND	U	0.00398
	2-PROPENAL	0.00015	0.64556	ND	R	0.0478	ND	R	0.031	ND	R	0.0324	ND	R	0.0403	ND	R	0.0292	ND	R	0.0306	ND	R	0.0317	ND	R	0.0354	ND	R	0.0193	ND	R	0.0199
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0478	ND	R	0.031	ND	R	0.0324	ND	R	0.0403	ND	R	0.0292	ND	R	0.0306	ND	R	0.0317	ND	R	0.0354	ND	R	0.0193	ND	R	0.0199
	4-CHLOROTOLUENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00956	ND	U	0.00619	ND	U	0.00648	ND	U	0.00806	ND	U	0.00584	ND	U	0.00612	ND	U	0.00634	ND	U	0.00709	ND	U	0.00385	0.00285	J	0.00398
	ACETONE	76.89	67456	0.0533	J	0.00956	0.00259	J	0.00619	0.00167	J	0.00648	0.133	J	0.00806	0.0226	J	0.00584	0.00319	J	0.00612	0.00325	J	0.00634	0.0125	J	0.00709	0.0121	J	0.0193	ND	U	0.0199
	BENZENE	0.03696	15.49	0.0011	J	0.00382	0.000476	J	0.00248	0.000424	J	0.00259	0.00147	J	0.00322	0.000503	J	0.00233	0.000555	J	0.00245	0.000738	J	0.00253	0.0064		0.00284	0.00183		0.00154	0.00074	J	0.00159
	BROMOBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	BROMOCHLOROMETHANE			ND	R	0.00382	ND	R	0.00248	ND	R	0.00259	ND	R	0.00322	ND	R	0.00233	ND	R	0.00245	ND	R	0.00253	ND	R	0.00284	ND	U	0.00154	ND	U	0.00159
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	BROMOFORM			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	BROMOMETHANE	0.03877	22.35	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CARBON DISULFIDE	5.041	1935	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CHLOROBENZENE	1.077	508	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CHLOROETHANE	108.43	43576	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CHLOROFORM	0.00936	5.718	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	ETHYLBENZENE	0.29128	69.66	0.000545	U	0.00382	ND	U	0.00248	0.000287	U	0.00259	0.00154	J	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	0.000957	U	0.00284	ND	U	0.00154	ND	U	0.00159
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	M,P-XYLENES			0.000855	U	0.00765	ND	U	0.00496	ND	U	0.00519	0.000953	U	0.00645	ND	U	0.00467	ND	U	0.0049	ND	U	0.00507	0.00119	U	0.00567	0.00176	J	0.00308	0.000705	J	0.00318
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00956	ND	U	0.00619	ND	U	0.00648	ND	U	0.00806	ND	U	0.00584	ND	U	0.00612	ND	U	0.00634	ND	U	0.00709	ND	U	0.00385	ND	U	0.00398
	NAPHTHALENE	0.08389	44.95	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	N-BUTYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	N-PROPYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	O-XYLENE	24.68	9548	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	0.000254	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	0.000489	U	0.00284	0.000406	J	0.00154	0.000252	J	0.00159
	P-ISOPROPYLTOLUENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	0.000236	J	0.00159
	SEC-BUTYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	STYRENE	31.23	8970	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TERT-BUTYLBENZENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TOLUENE	27.66	5570	0.00228	U	0.00382	0.00109	U	0.00248	0.000903	U	0.00259	0.003	U	0.00322	0.00104	U	0.00233	0.0014	U	0.00245	0.00176	U	0.00253	0.0118		0.00284	0.00231		0.00154	0.00117	U	0.00159
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	VINYL ACETATE	1.525	3646	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00382	ND	U	0.00248	ND	U	0.00259	ND	U	0.00322	ND	U	0.00233	ND	U	0.00245	ND	U	0.00253	ND	U	0.00284	ND	U	0.00154	ND	U	0.00159
	XYLENES	3.523	1086	0.000855	U	0.0115	ND	U	0.00743	ND	U	0.00778	0.00121	U	0.00967	ND	U	0.007	ND	U	0.00734	ND	U	0.0076	0.00168	U	0.00851	0.00216	J	0.00462	0.000956	J	0.00477

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE	KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106121		KAFB-106122		KAFB-106122	
				SAMPLE NO	SB0192		SB0193		SB0194		SB0195		SB0196		SB0197		SB0198		SB0199		SB0200		SB0201							
				SAMPLE DATE	21-May-11		21-May-11		21-May-11		22-May-11		22-May-11		22-May-11		22-May-11		22-May-11		14-Jun-11		14-Jun-11							
				SAMPLE PURPOSE	REG		REG		FD		REG		REG		REG		REG		REG		REG		REG							
				SAMPLE DEPTH	100-150 FT		150-200 FT		150-200 FT		200-250 FT		250-300 FT		300-350 FT		350-400 FT		400-450 FT		0-10 FT		10-20 FT							
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	1,3-DICHLOROBENZENE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,6-DICHLOROPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2-METHYLPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	2-NITROANILINE			ND	U	1.86	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	2-NITROPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.752	ND	U	0.698	ND	U	0.719	ND	U	0.786	ND	U	0.664	ND	U	0.675	ND	U	0.674	ND	U	0.744	ND	U	0.716	ND	U	0.679
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	3-NITROANILINE			ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	4-CHLORO-3-METHYLPHENOL			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	4-CHLOROANILINE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	UJ	0.358	ND	UJ	0.34
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	4-NITROANILINE			ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	4-NITROPHENOL			ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	BENZENAMINE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	UJ	0.358	ND	UJ	0.34
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.62		0.376	0.0427	J	0.349	0.041	J	0.36	1.72		0.393	0.105	J	0.332	0.156	J	0.338	0.136	J	0.337	0.143	J	0.372	ND	U	0.358	0.194	U	0.34
	BUTYL BENZYL PHTHALATE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	CARBAZOLE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DIBENZOFURAN			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DI-N-BUTYL PHTHALATE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	0.0149	J	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DI-N-OCTYL PHTHALATE			0.131	J	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	0.0193	J	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	ISOPHORONE	3.69	5119	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	NITROBENZENE	0.13727	49.41	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.88	ND	U	1.74	ND	U	1.8	ND	U	1.96	ND	U	1.66	ND	U	1.69	ND	U	1.69	ND	U	1.86	ND	U	1.79	ND	U	1.7
	PHENOL	126	18331	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	PYRIDINE			ND	UJ	0.376	ND	UJ	0.349	ND	UJ	0.36	ND	UJ	0.393	ND	UJ	0.332	ND	UJ	0.338	ND	UJ	0.337	ND	UJ	0.372	ND	U	0.358	ND	U	0.34
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	ACENAPHTHYLENE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	ANTHRACENE	6739	17203	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BENZO(GHI)PERYLENE			ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	CHRYSENE	652.34	621.36	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	FLUORANTHENE	3108	2294	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	FLUORENE	499.58	2294	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	NAPHTHALENE	0.08389	44.95	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
	PHENANTHRENE	1669	1833	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	0.0132	J	0.358	ND	U	0.34
	PYRENE	2238	1720	ND	U	0.376	ND	U	0.349	ND	U	0.36	ND	U	0.393	ND	U	0.332	ND	U	0.338	ND	U	0.337	ND	U	0.372	ND	U	0.358	ND	U	0.34
Metals (mg/kg) Method 6010	LEAD		400	5.65		0.68	4.33		0.64	5.02		0.65	6.51		0.72	3.28		0.61	2.56		0.61	2.79		0.61	4.18		0.69	13	J-	0.66	4.05		0.62

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122		
			SAMPLE NO	SB0202			SB0203			SB0204			SB0205			SB0206			SB0207			SB0208			SB0209			SB0210			SB0211		
			SAMPLE DATE	14-Jun-11			14-Jun-11			14-Jun-11			14-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			16-Jun-11		
			SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			202		21	138		8.89	650		82.9	182		21.3	46.6		4.01	86.3	J	8.72	20.1		4.07	59.6		4.9	16.9		4.73	14.6		4.08
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	4.99	ND	U	4.67	ND	U	4.44	ND	U	3.95	ND	U	5.44	ND	U	3.46	ND	U	5.07	ND	U	5.79	ND	U	6.81	ND	U	6.41
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,1-DICHLOROPROPENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2,3-TRICHLOROBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2,4-TRIMETHYLBENZENE			0.000597	J	0.00174	0.000707	J	0.00217	0.000233	J	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,3,5-TRIMETHYLBENZENE			0.000347	J	0.00174	0.000368	J	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,3-DICHLOROBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,3-DICHLOROPROPANE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	1-CHLOROHEXANE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	2,2-DICHLOROPROPANE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	2-BUTANONE	25.34	39649	ND	U	0.00434	ND	U	0.00543	0.00882		0.00471	ND	U	0.00456	ND	U	0.00615	ND	U	0.00384	ND	U	0.00518	ND	U	0.00565	ND	U	0.00777	ND	U	0.0061
	2-CHLOROTOLUENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	2-HEXANONE			ND	U	0.00434	ND	U	0.00543	ND	U	0.00471	ND	U	0.00456	ND	U	0.00615	ND	U	0.00384	ND	U	0.00518	ND	U	0.00565	ND	U	0.00777	ND	U	0.0061
	2-PROPENAL	0.00015	0.64556	ND	R	0.0217	ND	R	0.0271	ND	R	0.0235	ND	R	0.0228	ND	R	0.0308	ND	R	0.0192	ND	R	0.0259	ND	R	0.0283	ND	R	0.0389	ND	R	0.0305
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0217	ND	R	0.0271	ND	R	0.0235	ND	R	0.0228	ND	R	0.0308	ND	R	0.0192	ND	R	0.0259	ND	R	0.0283	ND	R	0.0389	ND	R	0.0305
	4-CHLOROTOLUENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00434	ND	U	0.00543	ND	U	0.00471	ND	U	0.00456	ND	U	0.00615	ND	U	0.00384	ND	U	0.00518	ND	U	0.00565	ND	U	0.00777	ND	U	0.0061
	ACETONE	76.89	67456	0.00727	U	0.0217	0.0158	J	0.0271	0.0256		0.0235	0.00782	U	0.0228	0.00559	U	0.0308	0.00738	J	0.0192	0.00648	J	0.0259	0.00678	J	0.0283	0.0038	J	0.0389	ND	U	0.0305
	BENZENE	0.03696	15.49	0.00152	J	0.00174	0.0016	J	0.00217	0.000636	J	0.00188	0.000336	J	0.00183	ND	U	0.00246	0.000256	J	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	0.00172	J	0.00244
	BROMOBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	BROMOCHLOROMETHANE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	BROMOFORM			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	BROMOMETHANE	0.03877	22.35	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CARBON DISULFIDE	5.041	1935	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CHLOROBENZENE	1.077	508	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	0.000236	J	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CHLOROETHANE	108.43	43576	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CHLOROFORM	0.00936	5.718	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00174	ND	U	0.00217	0.000479	J	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	M,P-XYLENES			0.00156	J	0.00348	0.00195	J	0.00434	0.000567	J	0.00377	0.000406	J	0.00365	ND	U	0.00492	ND	UJ	0.00307	ND	U	0.00414	ND	U	0.00452	ND	U	0.00622	ND	U	0.00488
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00434	ND	U	0.00543	ND	U	0.00471	ND	U	0.00456	ND	U	0.00615	ND	U	0.00384	ND	U	0.00518	ND	U	0.00565	ND	U	0.00777	ND	U	0.0061
	NAPHTHALENE	0.08389	44.95	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	N-BUTYLBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	N-PROPYLBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	O-XYLENE	24.68	9548	0.000497	J	0.00174	0.000417	J	0.00217	0.000253	J	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	P-ISOPROPYLTOLUENE			ND	U	0.00174	ND	U	0.00217	0.000598	J	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	SEC-BUTYLBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	STYRENE	31.23	8970	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	0.000467	J	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TERT-BUTYLBENZENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TOLUENE	27.66	5570	0.00201		0.00174	0.00232		0.00217	0.00119	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	0.00151	J	0.00226	ND	U	0.00311	0.00358		0.00244
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	VINYL ACETATE	1.525	3646	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00174	ND	U	0.00217	ND	U	0.00188	ND	U	0.00183	ND	U	0.00246	ND	U	0.00154	ND	U	0.00207	ND	U	0.00226	ND	U	0.00311	ND	U	0.00244
	XYLENES	3.523	1086	0.00206	J	0.00521	0.00235	J	0.00651	0.00082	J	0.00565	0.000406	J	0.00548	ND	U	0.00738	ND	U	0.00461	ND	U	0.00622	ND	U	0.00678	ND	U	0.00933	ND	U	0.00732

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106122		
			SAMPLE NO	SB0202			SB0203			SB0204			SB0205			SB0206			SB0207			SB0208			SB0209			SB0210			SB0211		
			SAMPLE DATE	14-Jun-11			14-Jun-11			14-Jun-11			14-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			15-Jun-11			16-Jun-11		
			SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg) Method 8270D	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	1,2-DICHLOROBENZENE	6.269	301.4	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	0.0143	J	0.336
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	1,3-DICHLOROBENZENE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	0.0196	J	0.336
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	0.0202	J	0.336
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,6-DICHLOROPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2-METHYLPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	2-NITROANILINE			ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	2-NITROPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.685	ND	U	0.741	ND	U	0.693	ND	U	0.697	ND	U	0.667	ND	U	0.71	ND	U	0.68	ND	U	0.816	ND	U	0.794	ND	U	0.671
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	3-NITROANILINE			ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	4-CHLORO-3-METHYLPHENOL			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	4-CHLOROANILINE			ND	UJ	0.342	ND	UJ	0.37	ND	UJ	0.347	ND	UJ	0.348	ND	UJ	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	4-NITROANILINE			ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	4-NITROPHENOL			ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	BENZENAMINE			ND	UJ	0.342	ND	UJ	0.37	ND	UJ	0.347	ND	UJ	0.348	ND	UJ	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.223	U	0.342	0.199	U	0.37	1.2		0.347	0.436	U	0.348	0.0715	U	0.334	0.348	J	0.355	0.0348	J	0.34	0.0961	J	0.408	0.0481	J	0.397	ND	U	0.336
	BUTYL BENZYL PHTHALATE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	CARBAZOLE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DIBENZOFURAN			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DI-N-BUTYL PHTHALATE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DI-N-OCTYL PHTHALATE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	0.362		0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	ISOPHORONE	3.69	5119	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	NITROBENZENE	0.13727	49.41	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.71	ND	U	1.85	ND	U	1.73	ND	U	1.74	ND	U	1.67	ND	U	1.78	ND	U	1.7	ND	U	2.04	ND	U	1.99	ND	U	1.68
	PHENOL	126	18331	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	PYRIDINE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
PAHs (mg/kg) Method 8270D	2-METHYLNAPHTHALENE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	ACENAPHTHENE	409.91	3441	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	ACENAPHTHYLENE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	ANTHRACENE	6739	17203	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BENZO(GHI)PERYLENE			ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	CHRYSENE	652.34	621.36	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	UJ	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	FLUORANTHENE	3108	2294	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	FLUORENE	499.58	2294	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	NAPHTHALENE	0.08389	44.95	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	PHENANTHRENE	1669	1833	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
	PYRENE	2238	1720	ND	U	0.342	ND	U	0.37	ND	U	0.347	ND	U	0.348	ND	U	0.334	ND	U	0.355	ND	U	0.34	ND	U	0.408	ND	U	0.397	ND	U	0.336
Metals (mg/kg) Method 6010	LEAD		400	5.57		0.63	6.03		0.68	5.93		0.63	7.02		0.64	3.79		0.61	5.29		0.65	4.11		0.61	7.09		0.74	4.56		0.72	3.52		0.61

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123		
			SAMPLE NO	SB0212			SB0213			SB1744			SB0214			SB0215			SB0216			SB0217			SB0218			SB0219			SB0220		
			SAMPLE DATE	16-Jun-11			16-Jun-11			16-Jun-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11		
			SAMPLE PURPOSE	REG			REG			FD			REG			FD			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	350-400 FT			400-450 FT			350-400 FT			0-10 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			222	J	22.1	25.8		4.77	99.6	J	8.98	67.5	J	4.33	52.3	J	4.37	425	J	40.9	28.7	J	4.39	285	J	21.6	60.4	J	4.15	37.6	J	4.7
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	6.6	2.06	J	8.53	ND	U	6.56	ND	UJ	4.35	ND	UJ	4.45	ND	UJ	5.15	ND	UJ	4.84	ND	UJ	4.62	ND	UJ	4.93	ND	UJ	4.87
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,1-DICHLOROPROPENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2,3-TRICHLOROBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2,4-TRIMETHYLBENZENE			ND	U	0.0023	0.00148	J	0.00245	ND	U	0.00251	0.00086	J	0.0017	0.000394	J	0.00198	0.000449	J	0.00197	0.00127	J	0.00246	0.000351	J	0.00204	0.000143	J	0.00213	0.000446	J	0.00221
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,3,5-TRIMETHYLBENZENE			ND	U	0.0023	0.000745	J	0.00245	ND	U	0.00251	0.000428	J	0.0017	0.000265	J	0.00198	ND	UJ	0.00197	0.000802	J	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	0.000239	J	0.00221
	1,3-DICHLOROBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,3-DICHLOROPROPANE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	1-CHLOROHEXANE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	2,2-DICHLOROPROPANE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	2-BUTANONE	25.34	39649	0.017		0.00574	ND	U	0.00613	0.0103		0.00628	0.00883	J	0.00424	0.0252	J	0.00494	0.00637	J	0.00493	0.0111	J	0.00614	0.00875	J	0.0051	0.00767	J	0.00533	ND	UJ	0.00552
	2-CHLOROTOLUENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	2-HEXANONE			ND	U	0.00574	ND	U	0.00613	ND	U	0.00628	ND	UJ	0.00424	ND	UJ	0.00494	ND	UJ	0.00493	ND	UJ	0.00614	ND	UJ	0.0051	ND	UJ	0.00533	ND	UJ	0.00552
	2-PROPENAL	0.00015	0.64556	ND	R	0.0287	ND	R	0.0306	ND	R	0.0314	ND	R	0.0212	ND	R	0.0247	ND	R	0.0246	ND	R	0.0307	ND	R	0.0255	ND	R	0.0267	ND	R	0.0276
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0287	ND	R	0.0306	ND	R	0.0314	ND	R	0.0212	ND	R	0.0247	ND	R	0.0246	ND	R	0.0307	ND	R	0.0255	ND	R	0.0267	ND	R	0.0276
	4-CHLOROTOLUENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00574	ND	U	0.00613	ND	U	0.00628	ND	UJ	0.00424	ND	UJ	0.00494	ND	UJ	0.00493	ND	UJ	0.00614	ND	UJ	0.0051	ND	UJ	0.00533	ND	UJ	0.00552
	ACETONE	76.89	67456	ND	U	0.0287	0.0108	J	0.0306	0.00523	J	0.0314	0.0203	J	0.00424	0.0224	J	0.00494	0.0234	J	0.00493	0.0327	J	0.00614	0.0238	J	0.0051	0.0281	J	0.00533	0.00737	J	0.00552
	BENZENE	0.03696	15.49	0.00225	J	0.0023	**0.519**		0.182	0.00265	U	0.00251	0.00212	J	0.0017	0.00113	J	0.00198	0.00127	J	0.00197	0.00415	J	0.00246	0.00199	J	0.00204	0.00059	J	0.00213	0.00168	J	0.00221
	BROMOBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	BROMOCHLOROMETHANE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	R	0.0017	ND	R	0.00198	ND	R	0.00197	ND	R	0.00246	ND	R	0.00204	ND	R	0.00213	ND	R	0.00221
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	BROMOFORM			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	BROMOMETHANE	0.03877	22.35	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CARBON DISULFIDE	5.041	1935	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CHLOROBENZENE	1.077	508	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CHLOROETHANE	108.43	43576	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CHLOROFORM	0.00936	5.718	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CHLOROMETHANE	0.08363	35.59	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	CIS-1,3-DICHLOROPROPENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	DIBROMOMETHANE	1.553	782.14	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	ETHYLBENZENE	0.29128	69.66	ND	U	0.0023	0.0242		0.00245	0.000467	J	0.00251	0.000432	J	0.0017	0.000355	J	0.00198	0.000355	J	0.00197	0.000961	J	0.00246	0.00107	J	0.00204	0.00046	J	0.00213	0.000494	J	0.00221
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.0023	0.000841	J	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	M,P-XYLENES			ND	U	0.00459	0.0402		0.0049	0.000492	J	0.00502	0.0014	J	0.00339	0.00112	J	0.00395	0.001	J	0.00394	0.00324	J	0.00492	0.00104	J	0.00408	0.000391	J	0.00427	0.00102	J	0.00442
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00574	ND	U	0.00613	ND	U	0.00628	ND	UJ	0.00424	ND	UJ	0.00494	ND	UJ	0.00493	ND	UJ	0.00614	ND	UJ	0.0051	ND	UJ	0.00533	ND	UJ	0.00552
	NAPHTHALENE	0.08389	44.95	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	N-BUTYLBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	N-PROPYLBENZENE			ND	U	0.0023	0.00203	J	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	O-XYLENE	24.68	9548	ND	U	0.0023	0.0123		0.00245	0.000219	J	0.00251	0.000389	J	0.0017	0.000227	J	0.00198	0.000243	J	0.00197	0.000889	J	0.00246	0.000376	J	0.00204	ND	UJ	0.00213	0.000302	J	0.00221
	P-ISOPROPYLTOLUENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	0.00131	J	0.0017	0.00584	J	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	SEC-BUTYLBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	STYRENE	31.23	8970	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TERT-BUTYLBENZENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TOLUENE	27.66	5570	0.00452		0.0023	1.14		0.182	0.00509		0.00251	0.00225	UJ	0.0017	0.0016	UJ	0.00198	0.00152	J	0.00197	0.00487	J	0.00246	0.0026	J	0.00204	0.000954	J	0.00213	0.00201	J	0.00221
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.0023	ND	U	0.00245	ND	UJ	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	VINYL ACETATE	1.525	3646	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.0023	ND	U	0.00245	ND	U	0.00251	ND	UJ	0.0017	ND	UJ	0.00198	ND	UJ	0.00197	ND	UJ	0.00246	ND	UJ	0.00204	ND	UJ	0.00213	ND	UJ	0.00221
	XYLENES	3.523	1086	ND	U	0.00689	0.0524		0.00736	0.000711	J	0.00754	0.00179	J	0.00509	0.00135	J	0.00593	0.00125	J	0.00591	0.00413	J	0.00737	0.00141	J	0.00612	ND	UJ	0.0064	0.00131	J	0.00663

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106122			KAFB-106122			KAFB-106122			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123		
			SAMPLE NO	SB0212			SB0213			SB1744			SB0214			SB0215			SB0216			SB0217			SB0218			SB0219			SB0220		
			SAMPLE DATE	16-Jun-11			16-Jun-11			16-Jun-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11			31-May-11		
			SAMPLE PURPOSE	REG			REG			FD			REG			FD			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	350-400 FT			400-450 FT			350-400 FT			0-10 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	1,3-DICHLOROBENZENE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,6-DICHLOROPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2-METHYLPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	2-NITROANILINE			ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	2-NITROPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.723	ND	U	0.781	ND	U	0.729	ND	UJ	0.715	ND	UJ	0.72	ND	UJ	0.687	ND	UJ	0.725	ND	UJ	0.705	ND	UJ	0.688	ND	UJ	0.789
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	3-NITROANILINE			ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	4-CHLORO-3-METHYLPHENOL			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	4-CHLOROANILINE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	4-NITROANILINE			ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	4-NITROPHENOL			ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	BENZENAMINE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.455		0.362	0.0565	J	0.391	0.38		0.365	0.385	J	0.357	0.0519	J	0.36	2.08	J	0.343	0.319	J	0.363	0.181	J	0.353	0.104	J	0.344	0.0338	J	0.394
	BUTYL BENZYL PHTHALATE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	CARBAZOLE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	DIBENZOFURAN			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	0.0344	J	0.394
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	DI-N-BUTYL PHTHALATE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	DI-N-OCTYL PHTHALATE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	ISOPHORONE	3.69	5119	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	NITROBENZENE	0.13727	49.41	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.81	ND	U	1.95	ND	U	1.82	ND	UJ	1.79	ND	UJ	1.8	ND	UJ	1.72	ND	UJ	1.81	ND	UJ	1.76	ND	UJ	1.72	ND	UJ	1.97
	PHENOL	126	18331	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	PYRIDINE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	ACENAPHTHYLENE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	ANTHRACENE	6739	17203	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BENZO(GHI)PERYLENE			ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	CHRYSENE	652.34	621.36	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	FLUORANTHENE	3108	2294	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	FLUORENE	499.58	2294	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	NAPHTHALENE	0.08389	44.95	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	PHENANTHRENE	1669	1833	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
	PYRENE	2238	1720	ND	U	0.362	ND	U	0.391	ND	U	0.365	ND	UJ	0.357	ND	UJ	0.36	ND	UJ	0.343	ND	UJ	0.363	ND	UJ	0.353	ND	UJ	0.344	ND	UJ	0.394
Metals (mg/kg) Method 6010	LEAD		400	2.89	J	3.32	7.65		0.72	2.54		0.67	8.76	J	0.65	7.98	J	0.66	4.62	J	0.62	7.56	J-	0.66	7.66	J	0.65	4.57	J	0.63	12.5	J	0.71

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106124			KAFB-106124		
			SAMPLE NO	SB0221			SB0222			SB0223			SB0224			SB0225			SB0226			SB0227			SB0228			SB0229			SB0230		
			SAMPLE DATE	1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			2-Jun-11			2-Jun-11			2-Jun-11			19-Jun-11			19-Jun-11		
			SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG			REG		
			SAMPLE DEPTH	100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT			350-400 FT			400-450 FT			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			14.7	J	4.46	17.4	J	4.59	14	J	4.55	92.9	J	8.21	55.9	J	4.1	66.1		8.03	79.4		8.22	23.5		4.1	14.4		4.4	58.8	J+	4.16
Method 8015B	GASOLINE RANGE ORGANICS			ND	UJ	4.54	ND	UJ	5.03	ND	UJ	7.08	ND	UJ	4.67	ND	UJ	5.82	ND	U	4.7	ND	U	5.3	ND	U	4.52	ND	UJ	4.88	ND	UJ	7.13
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,1-DICHLOROETHANE	0.12183	62.92	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,1-DICHLOROETHENE	2.381	617.75	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,1-DICHLOROPROPENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2,3-TRICHLOROBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2,4-TRIMETHYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2-DICHLOROBENZENE	6.269	3014	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2-DICHLOROETHANE	0.0073	7.741	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,3,5-TRIMETHYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,3-DICHLOROBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,3-DICHLOROPROPANE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	1-CHLOROHEXANE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	2,2-DICHLOROPROPANE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	2-BUTANONE	25.34	39649	0.0032	J	0.00457	0.0022	J	0.00565	0.00693	J	0.00671	0.00111	J	0.00452	ND	UJ	0.00543	ND	U	0.00555	ND	U	0.00485	ND	U	0.00484	0.00175	J	0.00495	0.00668	J	0.00532
	2-CHLOROTOLUENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	2-HEXANONE			ND	UJ	0.00457	ND	UJ	0.00565	ND	UJ	0.00671	ND	UJ	0.00452	ND	UJ	0.00543	ND	U	0.00555	ND	U	0.00485	ND	U	0.00484	ND	UJ	0.00495	ND	UJ	0.00532
	2-PROPENAL	0.00015	0.64556	ND	R	0.0228	ND	R	0.0283	ND	R	0.0336	ND	R	0.0226	ND	R	0.0271	ND	U	0.0278	ND	U	0.0242	ND	U	0.0242	ND	UJ	0.0247	ND	UJ	0.0266
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0228	ND	R	0.0283	ND	R	0.0336	ND	R	0.0226	ND	R	0.0271	ND	R	0.0278	ND	R	0.0242	ND	R	0.0242	ND	R	0.0247	ND	R	0.0266
	4-CHLOROTOLUENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.00457	ND	UJ	0.00565	ND	UJ	0.00671	ND	UJ	0.00452	ND	UJ	0.00543	ND	U	0.00555	ND	U	0.00485	ND	U	0.00484	ND	UJ	0.00495	ND	UJ	0.00532
	ACETONE	76.89	67456	0.0118	J	0.00457	0.00848	J	0.00565	0.02	J	0.00671	0.00799	J	0.00452	0.00507	J	0.00543	0.00451	U	0.00555	0.00482	U	0.00485	0.00896	U	0.00484	0.00591	J	0.0247	0.0251	J	0.0266
	BENZENE	0.03696	15.49	0.000479	J	0.00183	0.00111	J	0.00226	0.00184	J	0.00269	0.000605	J	0.00181	0.000619	J	0.00217	0.000351	J	0.00222	0.00887		0.00194	0.00256		0.00194	0.000926	J	0.00198	0.000587	J	0.00213
	BROMOBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	BROMOCHLOROMETHANE			ND	R	0.00183	ND	R	0.00226	ND	R	0.00269	ND	R	0.00181	ND	R	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	BROMODICHLOROMETHANE	0.00553	5.249	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	BROMOFORM			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	BROMOMETHANE	0.03877	22.35	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CARBON DISULFIDE	5.041	1935	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CARBON TETRACHLORIDE	0.01479	4.378	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CHLOROBENZENE	1.077	508	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CHLOROETHANE	108.43	43576	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CHLOROFORM	0.00936	5.718	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CHLOROMETHANE	0.08363	35.59	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	CIS-1,3-DICHLOROPROPENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	DIBROMOMETHANE	1.553	782.14	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	ETHYLBENZENE	0.29128	69.66	ND	UJ	0.00183	ND	UJ	0.00226	0.000948	J	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	0.000844	J	0.00194	0.000218	J	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	ISOPROPYLBENZENE	19.73	3211	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	M,P-XYLENES			ND	UJ	0.00366	ND	UJ	0.00452	0.000608	J	0.00537	ND	UJ	0.00361	ND	UJ	0.00434	ND	U	0.00444	0.00205	U	0.00388	0.00138	U	0.00387	0.000868	J	0.00396	ND	UJ	0.00425
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	METHYLENE CHLORIDE	0.21487	199.48	ND	UJ	0.00457	ND	UJ	0.00565	ND	UJ	0.00671	ND	UJ	0.00452	ND	UJ	0.00543	ND	UJ	0.00555	ND	UJ	0.00485	ND	UJ	0.00484	ND	UJ	0.00495	ND	UJ	0.00532
	NAPHTHALENE	0.08389	44.95	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	N-BUTYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	N-PROPYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	O-XYLENE	24.68	9548	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	0.000224	J	0.00198	ND	UJ	0.00213
	P-ISOPROPYLTOLUENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	SEC-BUTYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	STYRENE	31.23	8970	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TERT-BUTYLBENZENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TETRACHLOROETHENE	0.00898	6.99	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TOLUENE	27.66	5570	0.000833	UJ	0.00183	0.00115	UJ	0.00226	0.00269	J	0.00269	0.000665	UJ	0.00181	0.00116	UJ	0.00217	0.000748	U	0.00222	0.0209		0.00194	0.00475		0.00194	0.00149	J	0.00198	0.00116	J	0.00213
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TRANS-1,3-DICHLOROPROPENE			ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TRICHLOROETHENE	0.10595	45.67	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	VINYL ACETATE	1.525	3646	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	VINYL CHLORIDE	0.00576	0.86469	ND	UJ	0.00183	ND	UJ	0.00226	ND	UJ	0.00269	ND	UJ	0.00181	ND	UJ	0.00217	ND	U	0.00222	ND	U	0.00194	ND	U	0.00194	ND	UJ	0.00198	ND	UJ	0.00213
	XYLENES	3.523	1086	ND	UJ	0.00548	ND	UJ	0.00678	0.000608	J	0.00806	ND	UJ	0.00542	ND	UJ	0.00651	ND	U	0.00666	0.00205	U	0.00582	0.00138	U	0.00581	0.00109	J	0.00594	ND	UJ	0.00638

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE	KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106123			KAFB-106124			KAFB-106124		
				SAMPLE NO	SB0221			SB0222			SB0223			SB0224			SB0225			SB0226			SB0227			SB0228			SB0229			SB0230		
				SAMPLE DATE	1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			1-Jun-11			2-Jun-11			2-Jun-11			2-Jun-11			19-Jun-11			19-Jun-11		
				SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG			REG		
				SAMPLE DEPTH	100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT			350-400 FT			400-450 FT			0-10 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	1,2-DICHLOROBENZENE	6.269	3014	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	1,3-DICHLOROBENZENE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,3,4,6-TETRACHLOROPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,4-DICHLOROPHENOL	2.737	183.31	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,4-DIMETHYLPHENOL	18.25	1222	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,4-DINITROPHENOL	1.05	122.21	ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	2,4-DINITROTOLUENE	0.03116	15.69	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,6-DICHLOROPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2,6-DINITROTOLUENE	0.53322	61.24	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2-CHLORONAPHTHALENE	270.91	6257	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2-CHLOROPHENOL	3.059	391.07	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2-METHYLPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	2-NITROANILINE			ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	2-NITROPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	UJ	0.736	ND	UJ	0.765	ND	UJ	0.753	ND	UJ	0.684	ND	UJ	0.684	ND	UJ	0.662	ND	UJ	0.681	ND	UJ	0.678	ND	U	0.725	ND	U	0.679
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	3-NITROANILINE			ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	4-BROMOPHENYL PHENYL ETHER			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	4-CHLORO-3-METHYLPHENOL			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	4-CHLOROANILINE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	UJ	0.331	ND	UJ	0.34	ND	UJ	0.339	ND	U	0.363	ND	U	0.34
	4-CHLOROPHENYL PHENYL ETHER			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	4-NITROANILINE			ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	4-NITROPHENOL			ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	BENZENAMINE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	UJ	0.331	ND	UJ	0.34	ND	UJ	0.339	ND	U	0.363	ND	U	0.34
	BIS(2-CHLOROETHOXY)METHANE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.038	J	0.368	0.0264	J	0.383	0.0777	J	0.377	0.52	J	0.342	0.208	J	0.342	0.368		0.331	0.292	J	0.34	0.0806	J	0.339	0.0731	J	0.363	0.0883	J	0.34
	BUTYL BENZYL PHTHALATE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	CARBAZOLE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	DIBENZOFURAN			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	DIETHYL PHTHALATE	211.78	48884	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	0.0264	J	0.363	ND	U	0.34
	DIMETHYL PHTHALATE	1671	611049	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	DI-N-BUTYL PHTHALATE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	DI-N-OCTYL PHTHALATE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	HEXACHLOROBENZENE	0.04411	3.04	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	HEXACHLOROBUTADIENE	0.29485	61.1	0.0232	J	0.368	ND	UJ	0.383	0.0324	J	0.377	0.0289	J	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	HEXACHLOROETHANE	0.38573	61.1	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	ISOPHORONE	3.69	5119	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	NITROBENZENE	0.13727	49.41	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	N-NITROSO-DI-N-PROPYLAMINE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	PENTACHLOROBENZENE	1.874	48.88	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	PENTACHLOROPHENOL	0.58725	29.78	ND	UJ	1.84	ND	UJ	1.91	ND	UJ	1.88	ND	UJ	1.71	ND	UJ	1.71	ND	U	1.66	ND	U	1.7	ND	U	1.7	ND	U	1.81	ND	U	1.7
	PHENOL	126	18331	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	PYRIDINE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
Method 8270D	ACENAPHTHENE	409.91	3441	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	ACENAPHTHYLENE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	ANTHRACENE	6739	17203	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BENZO(A)ANTHRACENE	6.391	6.214	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BENZO(A)PYRENE	2.173	0.62139	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BENZO(GHI)PERYLENE			ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	CHRYSENE	652.34	621.36	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	FLUORANTHENE	3108	2294	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	FLUORENE	499.58	2294	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	NAPHTHALENE	0.08389	44.95	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	PHENANTHRENE	1669	1833	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
	PYRENE	2238	1720	ND	UJ	0.368	ND	UJ	0.383	ND	UJ	0.377	ND	UJ	0.342	ND	UJ	0.342	ND	U	0.331	ND	U	0.34	ND	U	0.339	ND	U	0.363	ND	U	0.34
Metals (mg/kg) Method 6010	LEAD		400	5.22	J	0.67	7.63	J	0.7	9.98	J	0.68	4.16	J	0.62	2.77	J	0.62	2.56		0.61	2.33		0.63	2.1		0.62	6.51		0.66	5.47	J	3.14

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124		
			SAMPLE NO	SB0231			SB0232			SB0233			SB0234			SB0235			SB0236			SB0237			SB0238			SB0239			SB0240		
			SAMPLE DATE	19-Jun-11			19-Jun-11			19-Jun-11			19-Jun-11			20-Jun-11			21-Jun-11			21-Jun-11			21-Jun-11			21-Jun-11			22-Jun-11		
			SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			248		21.7	272		20.3	347		41.3	889		82.5	45.1		4.14	25.1		4.14	56.2		4.01	23.8		4.09	20		4.18	56.7	J	4.07
Method 8015B	GASOLINE RANGE ORGANICS			ND	UJ	4.93	ND	UJ	4.79	ND	UJ	4.6	ND	UJ	5.04	ND	UJ	5.3	ND	UJ	5.19	ND	UJ	6	ND	UJ	5.37	ND	UJ	6.2	ND	U	5.67
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,1-DICHLOROETHANE	0.12183	62.92	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,1-DICHLOROETHENE	2.381	617.75	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,1-DICHLOROPROPENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2,3-TRICHLOROBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2,4-TRIMETHYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2-DICHLOROBENZENE	6.269	3014	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2-DICHLOROETHANE	0.0073	7.741	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,3,5-TRIMETHYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,3-DICHLOROBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,3-DICHLOROPROPANE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	1-CHLOROHEXANE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	2,2-DICHLOROPROPANE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	2-BUTANONE	25.34	39649	0.00175	J	0.00496	0.00392	J	0.00533	0.00828	J	0.00538	0.00285	J	0.00487	0.0081	J	0.00531	ND	UJ	0.00545	0.00156	J	0.00552	0.00204	J	0.00507	0.00229	J	0.00574	ND	R	0.00516
	2-CHLOROTOLUENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	2-HEXANONE			ND	UJ	0.00496	ND	UJ	0.00533	ND	UJ	0.00538	ND	UJ	0.00487	ND	UJ	0.00531	ND	UJ	0.00545	ND	UJ	0.00552	ND	UJ	0.00507	ND	UJ	0.00574	ND	UJ	0.00516
	2-PROPENAL	0.00015	0.64556	ND	UJ	0.0248	ND	UJ	0.0267	ND	UJ	0.0269	ND	UJ	0.0244	ND	UJ	0.0266	ND	UJ	0.0272	ND	UJ	0.0276	ND	UJ	0.0254	ND	UJ	0.0287	ND	R	0.0258
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0248	ND	R	0.0267	ND	R	0.0269	ND	R	0.0244	ND	R	0.0266	ND	R	0.0272	ND	R	0.0276	ND	R	0.0254	ND	R	0.0287	ND	R	0.0258
	4-CHLOROTOLUENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	4-METHYL-2-PENTANONE	7.579	5949	ND	UJ	0.00496	ND	UJ	0.00533	ND	UJ	0.00538	ND	UJ	0.00487	ND	UJ	0.00531	ND	UJ	0.00545	ND	UJ	0.00552	ND	UJ	0.00507	ND	UJ	0.00574	ND	U	0.00516
	ACETONE	76.89	67456	0.0053	J	0.0248	0.00997	J	0.0267	0.0286	J	0.0269	0.0147	J	0.0244	0.0295	J	0.0266	0.00598	J	0.0272	0.00918	J	0.0276	0.00851	J	0.0254	0.0334	J	0.0287	0.0144	R	0.0258
	BENZENE	0.03696	15.49	0.00105	J	0.00198	0.000389	J	0.00213	0.000314	J	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	0.000368	J	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	0.000146	J	0.00207
	BROMOBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	BROMOCHLOROMETHANE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	BROMODICHLOROMETHANE	0.00553	5.249	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	BROMOFORM			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	BROMOMETHANE	0.03877	22.35	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CARBON DISULFIDE	5.041	1935	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CARBON TETRACHLORIDE	0.01479	4.378	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CHLOROBENZENE	1.077	508	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CHLOROETHANE	108.43	43576	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CHLOROFORM	0.00936	5.718	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CHLOROMETHANE	0.08363	35.59	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	CIS-1,3-DICHLOROPROPENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	DIBROMOMETHANE	1.553	782.14	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	ETHYLBENZENE	0.29128	69.66	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	ISOPROPYLBENZENE	19.73	3211	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	M,P-XYLENES			0.000882	J	0.00397	ND	UJ	0.00427	ND	UJ	0.00431	ND	UJ	0.0039	ND	UJ	0.00425	ND	UJ	0.00436	ND	UJ	0.00442	ND	UJ	0.00406	ND	UJ	0.00459	ND	U	0.00413
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	METHYLENE CHLORIDE	0.21487	199.48	ND	UJ	0.00496	ND	UJ	0.00533	ND	UJ	0.00538	ND	UJ	0.00487	ND	UJ	0.00531	ND	UJ	0.00545	ND	UJ	0.00552	ND	UJ	0.00507	ND	UJ	0.00574	ND	U	0.00516
	NAPHTHALENE	0.08389	44.95	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	N-BUTYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	N-PROPYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	O-XYLENE	24.68	9548	0.000216	J	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	P-ISOPROPYLTOLUENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	SEC-BUTYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	STYRENE	31.23	8970	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TERT-BUTYLBENZENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TETRACHLOROETHENE	0.00898	6.99	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TOLUENE	27.66	5570	0.00153	J	0.00198	0.00107	J	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	0.000868	J	0.00218	ND	UJ	0.00221	0.000716	J	0.00203	0.000652	UJ	0.0023	0.000554	J	0.00207
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TRANS-1,3-DICHLOROPROPENE			ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TRICHLOROETHENE	0.10595	45.67	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	VINYL ACETATE	1.525	3646	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	VINYL CHLORIDE	0.00576	0.86469	ND	UJ	0.00198	ND	UJ	0.00213	ND	UJ	0.00215	ND	UJ	0.00195	ND	UJ	0.00212	ND	UJ	0.00218	ND	UJ	0.00221	ND	UJ	0.00203	ND	UJ	0.0023	ND	U	0.00207
	XYLENES	3.523	1086	0.0011	J	0.00595	ND	UJ	0.0064	ND	UJ	0.00646	ND	UJ	0.00585	ND	UJ	0.00637	ND	UJ	0.00654	ND	UJ	0.00662	ND	UJ	0.00609	ND	UJ	0.00689	ND	U	0.0062

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124			KAFB-106124		
			SAMPLE NO	SB0231			SB0232			SB0233			SB0234			SB0235			SB0236			SB0237			SB0238			SB0239			SB0240		
			SAMPLE DATE	19-Jun-11			19-Jun-11			19-Jun-11			19-Jun-11			20-Jun-11			21-Jun-11			21-Jun-11			21-Jun-11			21-Jun-11			22-Jun-11		
			SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	1,3-DICHLOROBENZENE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,6-DICHLOROPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2-METHYLPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	2-NITROANILINE			ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	2-NITROPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.707	ND	U	0.675	ND	U	0.676	ND	U	0.676	ND	U	0.68	ND	U	0.672	ND	U	0.661	ND	U	0.681	ND	U	0.69	ND	U	0.67
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	3-NITROANILINE			ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	4-CHLORO-3-METHYLPHENOL			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	4-CHLOROANILINE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	UJ	0.335
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	4-NITROANILINE			ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	4-NITROPHENOL			ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	BENZENAMINE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	ND	U	0.353	0.375		0.337	0.3	J	0.338	1.16		0.338	0.087	J	0.34	0.0361	J	0.336	0.0705	J	0.331	0.0531	J	0.341	0.0727	J	0.345	0.152	J	0.335
	BUTYL BENZYL PHTHALATE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	CARBAZOLE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DIBENZOFURAN			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DI-N-BUTYL PHTHALATE			ND	U	0.353	ND	U	0.337	ND	U	0.338	0.0212	J	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DI-N-OCTYL PHTHALATE			ND	U	0.353	ND	U	0.337	0.136	J	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	ISOPHORONE	3.69	5119	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	NITROBENZENE	0.13727	49.41	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.77	ND	U	1.69	ND	U	1.69	ND	U	1.69	ND	U	1.7	ND	U	1.68	ND	U	1.65	ND	U	1.7	ND	U	1.72	ND	U	1.67
	PHENOL	126	18331	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	PYRIDINE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	ACENAPHTHYLENE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	ANTHRACENE	6739	17203	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BENZO(GHI)PERYLENE			ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	CHRYSENE	652.34	621.36	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	FLUORANTHENE	3108	2294	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	FLUORENE	499.58	2294	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	NAPHTHALENE	0.08389	44.95	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	PHENANTHRENE	1669	1833	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
	PYRENE	2238	1720	ND	U	0.353	ND	U	0.337	ND	U	0.338	ND	U	0.338	ND	U	0.34	ND	U	0.336	ND	U	0.331	ND	U	0.341	ND	U	0.345	ND	U	0.335
Metals (mg/kg) Method 6010	LEAD		400	6.65		0.65	5.24		0.62	4.43		0.62	4.32		0.62	5.75		0.62	3.99		0.62	3.17		0.61	4.94		0.62	2.88		0.63	2.68		0.61

[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 (MC
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 (Mt
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 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

		LOCATION CODE		KAFB-106124			KAFB-106124			KAFB-106124			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125		
		SAMPLE NO		SB0241			SB0242			SB1745			SB0243			SB0244			SB0245			SB0246			SB0247			SB0248			SB0249		
		SAMPLE DATE		22-Jun-11			22-Jun-11			22-Jun-11			27-Jun-11			27-Jun-11			27-Jun-11			27-Jun-11			28-Jun-11			28-Jun-11			28-Jun-11		
		SAMPLE PURPOSE		REG			REG			FD			REG			REG			FD			REG			REG			REG			REG		
		SAMPLE DEPTH		350-400 FT			400-450 FT			300-350 FT			0-10 FT			10-20 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			102		20.3	27.9		4.03	24.2	J	4.09	36.5		4.23	138		21.7	142		8.69	349		44.8	16.7		4.38	102	J+	8.84	27.6		4.81
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.41	ND	U	5.12	ND	U	5.29	ND	U	6.75	ND	U	4.33	ND	U	6.58	ND	U	5.31	ND	U	4.69	ND	U	4.99	ND	U	5.53
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,1-DICHLOROPROPENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2,3-TRICHLOROBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	0.000627	U	0.00195	ND	U	0.00286
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	0.000439	U	0.00195	ND	U	0.00286
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.000827	J	0.00276	0.000539	U	0.00333	0.000285	U	0.00194	0.000874	J	0.00175	0.000207	U	0.00206	0.000397	U	0.00195	0.000346	U	0.00286
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.000405	J	0.00276	0.000202	J	0.00333	ND	U	0.00194	0.000455	J	0.00175	ND	U	0.00206	0.000156	J	0.00195	ND	U	0.00286
	1,3-DICHLOROBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,3-DICHLOROPROPANE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	1-CHLOROHEXANE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	2,2-DICHLOROPROPANE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	2-BUTANONE	25.34	39649	ND	R	0.00566	0.00508	J	0.00509	ND	R	0.00483	0.0598		0.00691	0.00904		0.00832	0.00404	J	0.00485	0.00311	J	0.00438	0.00719		0.00515	0.00709		0.00487	0.0042	J	0.00716
	2-CHLOROTOLUENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	2-HEXANONE			ND	UJ	0.00566	ND	UJ	0.00509	ND	UJ	0.00483	ND	U	0.00691	ND	U	0.00832	ND	U	0.00485	ND	U	0.00438	ND	U	0.00515	ND	U	0.00487	ND	U	0.00716
	2-PROPENAL	0.00015	0.64556	ND	R	0.0283	ND	R	0.0255	ND	R	0.0242	ND	U	0.0345	ND	R	0.0416	ND	R	0.0243	ND	R	0.0219	ND	R	0.0257	ND	R	0.0243	ND	R	0.0358
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0283	ND	R	0.0255	ND	R	0.0242	ND	R	0.0345	ND	R	0.0416	ND	R	0.0243	ND	R	0.0219	ND	R	0.0257	ND	R	0.0243	ND	R	0.0358
	4-CHLOROTOLUENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00566	ND	U	0.00509	ND	U	0.00483	0.00294	J	0.00691	ND	U	0.00832	ND	U	0.00485	ND	U	0.00438	ND	U	0.00515	ND	U	0.00487	ND	U	0.00716
	ACETONE	76.89	67456	0.016	R	0.0283	0.023	R	0.0255	0.0134	R	0.0242	0.105	J	0.0345	0.027	J	0.0416	0.012	J	0.0243	0.00672	J	0.0219	0.0212	J	0.0257	0.0203	J	0.0243	0.0201	J	0.0358
	BENZENE	0.03696	15.49	0.000756	J	0.00226	0.000594	J	0.00204	ND	U	0.00193	0.00317		0.00276	0.000908	J	0.00333	0.000448	J	0.00194	0.00262		0.00175	0.000696	U	0.00206	0.00141	J	0.00195	0.0012	J	0.00286
	BROMOBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	BROMOCHLOROMETHANE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	BROMOFORM			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	BROMOMETHANE	0.03877	22.35	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CARBON DISULFIDE	5.041	1935	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CHLOROBENZENE	1.077	508	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CHLOROETHANE	108.43	43576	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CHLOROFORM	0.00936	5.718	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.00133	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	0.000231	J	0.00195	ND	U	0.00286
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.000605	J	0.00276	0.000498	J	0.00333	0.000214	J	0.00194	0.000652	J	0.00175	0.00041	J	0.00206	0.00087	J	0.00195	0.000417	J	0.00286
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	UJ	0.00195	ND	U	0.00286
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	M,P-XYLENES			ND	U	0.00453	ND	U	0.00408	ND	U	0.00387	0.00268	J	0.00552	0.00104	J	0.00666	0.000536	J	0.00388	0.00225	J	0.0035	0.000429	J	0.00412	0.000832	J	0.00389	0.000661	J	0.00573
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00566	ND	U	0.00509	ND	U	0.00483	ND	U	0.00691	ND	U	0.00832	ND	U	0.00485	ND	U	0.00438	ND	U	0.00515	ND	U	0.00487	ND	U	0.00716
	NAPHTHALENE	0.08389	44.95	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	0.000508	U	0.00206	ND	U	0.00195	0.000704	U	0.00286
	N-BUTYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	UJ	0.00195	ND	U	0.00286
	N-PROPYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	O-XYLENE	24.68	9548	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.000649	J	0.00276	0.000274	J	0.00333	ND	U	0.00194	0.000618	J	0.00175	ND	U	0.00206	0.000302	J	0.00195	ND	U	0.00286
	P-ISOPROPYLTOLUENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	0.00601		0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	UJ	0.00195	ND	U	0.00286
	SEC-BUTYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	STYRENE	31.23	8970	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	UJ	0.00195	ND	U	0.00286
	TERT-BUTYLBENZENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	TOLUENE	27.66	5570	0.00235		0.00226	0.00209		0.00204	0.000634	J	0.00193	0.00478		0.00276	0.00165	U	0.00333	0.000699	U	0.00194	0.00325		0.00175	0.0012	U	0.00206	0.00227		0.00195	0.00171	U	0.00286
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	VINYL ACETATE	1.525	3646	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00226	ND	U	0.00204	ND	U	0.00193	ND	U	0.00276	ND	U	0.00333	ND	U	0.00194	ND	U	0.00175	ND	U	0.00206	ND	U	0.00195	ND	U	0.00286
	XYLENES	3.523	1086	ND	U	0.00679	ND	U	0.00611	ND	U	0.0058	0.00332	J	0.00829	0.00131	J	0.00998	0.000613	J	0.00582	0.00287	J	0.00525	ND	U	0.00617	0.00114	J	0.00584	0.000847	U	0.00859

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE	KAFB-106124		KAFB-106124		KAFB-106124		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125	
				SAMPLE NO	SB0241		SB0242		SB1745		SB0243		SB0244		SB0245		SB0246		SB0247		SB0248		SB0249	
				SAMPLE DATE	22-Jun-11		22-Jun-11		22-Jun-11		27-Jun-11		27-Jun-11		27-Jun-11		27-Jun-11		28-Jun-11		28-Jun-11		28-Jun-11	
				SAMPLE PURPOSE	REG		REG		FD		REG		REG		FD		REG		REG		REG		REG	
				SAMPLE DEPTH	350-400 FT		400-450 FT		300-350 FT		0-10 FT		10-20 FT		10-20 FT		20-30 FT		30-40 FT		40-50 FT		50-100 FT	
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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 (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	1,3-DICHLOROBENZENE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,6-DICHLOROPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2-METHYLPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	2-NITROANILINE			ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	2-NITROPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.661	ND	U	0.672	ND	U	0.675	ND	U	0.691	ND	U	0.704	ND	U	0.717	ND	U	0.734	ND	U	0.723	ND	U	0.718	ND	U	0.796
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	3-NITROANILINE			ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	4-CHLORO-3-METHYLPHENOL			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	4-CHLOROANILINE			ND	UJ	0.331	ND	UJ	0.336	ND	UJ	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	4-NITROANILINE			ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	4-NITROPHENOL			ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	BENZENAMINE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.443		0.331	0.0337	J	0.336	0.0437	J	0.337	0.0509	J	0.346	0.114	J	0.352	0.197	J	0.359	0.345	J	0.367	0.0475	J	0.361	0.0595	J	0.359	0.107	J	0.398
	BUTYL BENZYL PHTHALATE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	CARBAZOLE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DIBENZOFURAN			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DI-N-BUTYL PHTHALATE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DI-N-OCTYL PHTHALATE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	ISOPHORONE	3.69	5119	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	NITROBENZENE	0.13727	49.41	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.65	ND	U	1.68	ND	U	1.69	ND	U	1.73	ND	U	1.76	ND	U	1.79	ND	U	1.84	ND	U	1.81	ND	U	1.79	ND	U	1.99
	PHENOL	126	18331	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	PYRIDINE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	UJ	0.346	ND	UJ	0.352	ND	UJ	0.359	ND	UJ	0.367	ND	UJ	0.361	ND	UJ	0.359	ND	UJ	0.398
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	ACENAPHTHYLENE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	ANTHRACENE	6739	17203	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BENZO(GHI)PERYLENE			ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	CHRYSENE	652.34	621.36	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	FLUORANTHENE	3108	2294	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	FLUORENE	499.58	2294	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	NAPHTHALENE	0.08389	44.95	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	PHENANTHRENE	1669	1833	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
	PYRENE	2238	1720	ND	U	0.331	ND	U	0.336	ND	U	0.337	ND	U	0.346	ND	U	0.352	ND	U	0.359	ND	U	0.367	ND	U	0.361	ND	U	0.359	ND	U	0.398
Metals (mg/kg) Method 6010	LEAD		400	2.67		0.61	3.41		0.61	2.6		0.61	6.91		0.63	5.97		0.65	5.64		0.65	6.89		0.67	6.53		0.65	5.79	J-	0.66	9.58		0.72

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106125			KAFB106126			KAFB106126		
				SAMPLE NO			SB0250			SB0251			SB0252			SB0253			SB0254			SB0255			SB0256			SB0257			SB0258			SB0259		
				SAMPLE DATE			28-Jun-11			29-Jun-11			29-Jun-11			29-Jun-11			6-Jul-11			6-Jul-11			6-Jul-11			6-Jul-11			10-Jul-11			10-Jul-11		
				SAMPLE PURPOSE			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
				SAMPLE DEPTH			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			300-350 FT			350-400 FT			400-450 FT			0-11 FT			10-20 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			3.13	J	4.18	32.8		4.08	4.51		4.14	14.1		4.1	10.7	J	4.94	26.4	J	4.87	25.6		4.1	43.2		4.11	332		41.7	15.5		4.17
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.93	ND	U	5.42	ND	U	5.76	ND	U	5.58	ND	U	6.03	ND	U	5.5	ND	U	5.75	ND	U	5.47	ND	U	4.02	0.78	J	5.48
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,1-DICHLOROPROPENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2,3-TRICHLOROBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2,4-TRIMETHYLBENZENE			0.000161	U	0.00245	0.000133	U	0.00202	ND	U	0.00232	ND	U	0.00191	0.000805	J	0.00263	0.000261	J	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	0.000308	J	0.00263	0.000127	J	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,3-DICHLOROBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,3-DICHLOROPROPANE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	1-CHLOROHEXANE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	2,2-DICHLOROPROPANE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	2-BUTANONE	25.34	39649	0.00574	J	0.00612	0.00137	J	0.00505	0.00104	J	0.0058	0.00178	J	0.00476	0.0052	J	0.00657	0.00291	J	0.00477	0.00302	J	0.00501	ND	U	0.00583	0.0165	U	0.00423	0.0143	U	0.00549
	2-CHLOROTOLUENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	2-HEXANONE			ND	U	0.00612	ND	U	0.00505	ND	U	0.0058	0.012		0.00476	ND	U	0.00657	ND	U	0.00477	ND	U	0.00501	ND	U	0.00583	ND	U	0.00423	ND	U	0.00549
	2-PROPENAL	0.00015	0.64556	ND	R	0.0306	ND	R	0.0253	ND	R	0.029	ND	R	0.0238	ND	R	0.0328	ND	U	0.0239	ND	U	0.0251	ND	R	0.0292	ND	R	0.0211	ND	R	0.0275
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0306	ND	R	0.0253	ND	R	0.029	ND	R	0.0238	ND	R	0.0328	ND	R	0.0239	ND	R	0.0251	ND	R	0.0292	ND	R	0.0211	ND	R	0.0275
	4-CHLOROTOLUENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00612	ND	U	0.00505	ND	U	0.0058	ND	U	0.00476	ND	U	0.00657	ND	U	0.00477	ND	U	0.00501	ND	U	0.00583	ND	U	0.00423	ND	U	0.00549
	ACETONE	76.89	67456	0.0187	J	0.0306	0.00984	J	0.0253	0.00229	U	0.029	0.0114	J	0.0238	0.0221	U	0.0328	0.00741	U	0.0239	0.0129	U	0.0251	0.00515	J	0.0292	0.0322	U	0.0211	0.0149	U	0.0275
	BENZENE	0.03696	15.49	0.000506	U	0.00245	0.00013	U	0.00202	0.00017	U	0.00232	0.000283	U	0.00191	0.00451		0.00263	0.00356		0.00191	0.000327	J	0.00201	0.00127	J	0.00233	0.00115	J	0.00169	0.00149	J	0.0022
	BROMOBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	BROMOCHLOROMETHANE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	BROMOFORM			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	BROMOMETHANE	0.03877	22.35	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	UJ	0.00233	ND	U	0.00169	ND	U	0.0022
	CARBON DISULFIDE	5.041	1935	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CHLOROBENZENE	1.077	508	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CHLOROETHANE	108.43	43576	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CHLOROFORM	0.00936	5.718	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	0.00161	U	0.00263	0.000998	U	0.00191	0.00096	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	ETHYLBENZENE	0.29128	69.66	0.000376	J	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	0.00203	J	0.00263	0.000828	J	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	M,P-XYLENES			ND	U	0.0049	ND	U	0.00404	ND	U	0.00464	ND	U	0.00381	0.00174	J	0.00526	0.000775	J	0.00382	ND	U	0.00401	ND	U	0.00467	ND	U	0.00338	ND	U	0.00439
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00612	ND	U	0.00505	ND	U	0.0058	ND	U	0.00476	ND	U	0.00657	ND	U	0.00477	ND	U	0.00501	ND	U	0.00583	ND	U	0.00423	ND	U	0.00549
	NAPHTHALENE	0.08389	44.95	0.000507	U	0.00245	0.000402	U	0.00202	0.000451	U	0.00232	0.000362	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	N-BUTYLBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	N-PROPYLBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	O-XYLENE	24.68	9548	ND	U	0.00245	ND	U	0.00202	0.000168	J	0.00232	ND	U	0.00191	0.000673	J	0.00263	0.000241	J	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	P-ISOPROPYLTOLUENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	SEC-BUTYLBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	STYRENE	31.23	8970	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TERT-BUTYLBENZENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TOLUENE	27.66	5570	0.00101	U	0.00245	0.000538	U	0.00202	0.00064	U	0.00232	0.000574	U	0.00191	0.00646		0.00263	0.00685		0.00191	0.000862	U	0.00201	0.00287		0.00233	0.000745	J	0.00169	0.000807	J	0.0022
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	VINYL ACETATE	1.525	3646	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	UJ	0.00263	ND	UJ	0.00191	ND	UJ	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00245	ND	U	0.00202	ND	U	0.00232	ND	U	0.00191	ND	U	0.00263	ND	U	0.00191	ND	U	0.00201	ND	U	0.00233	ND	U	0.00169	ND	U	0.0022
	XYLENES	3.523	1086	ND	U	0.00735	ND	U	0.00606	ND	U	0.00696	ND	U	0.00572	0.00241	J	0.00788	0.00102	J	0.00573	ND	U	0.00602	ND	U	0.007	ND	U	0.00507	ND	U	0.00659

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE	KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106125		KAFB106126		KAFB106126	
				SAMPLE NO	SB0250		SB0251		SB0252		SB0253		SB0254		SB0255		SB0256		SB0257		SB0258		SB0259	
				SAMPLE DATE	28-Jun-11		29-Jun-11		29-Jun-11		29-Jun-11		6-Jul-11		6-Jul-11		6-Jul-11		6-Jul-11		10-Jul-11		10-Jul-11	
				SAMPLE PURPOSE	REG		REG		REG		REG		REG		FD		REG		REG		REG		REG	
				SAMPLE DEPTH	100-150 FT		150-200 FT		200-250 FT		250-300 FT		300-350 FT		300-350 FT		350-400 FT		400-450 FT		0-11 FT		10-20 FT	
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	1,3-DICHLOROBENZENE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,6-DICHLOROPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2-METHYLPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	2-NITROANILINE			ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	2-NITROPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.679	ND	U	0.679	ND	U	0.685	ND	U	0.674	ND	U	0.815	ND	U	0.804	ND	U	0.665	ND	U	0.667	ND	U	0.688	ND	U	0.69
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	3-NITROANILINE			ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	4-CHLORO-3-METHYLPHENOL			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	4-CHLOROANILINE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	4-NITROANILINE			ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	UJ	2.04	ND	UJ	2.01	ND	UJ	1.66	ND	UJ	1.67	ND	U	1.72	ND	U	1.72
	4-NITROPHENOL			ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	BENZENAMINE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.0398	J	0.339	0.0908	J	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	0.0642	J	0.402	ND	U	0.333	0.0674	J	0.333	ND	U	0.344	ND	U	0.345
	BUTYL BENZYL PHTHALATE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	CARBAZOLE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DIBENZOFURAN			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	0.0503	J	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DI-N-BUTYL PHTHALATE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DI-N-OCTYL PHTHALATE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	0.0177	J	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	ISOPHORONE	3.69	5119	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	NITROBENZENE	0.13727	49.41	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.7	ND	U	1.7	ND	U	1.71	ND	U	1.69	ND	U	2.04	ND	U	2.01	ND	U	1.66	ND	U	1.67	ND	U	1.72	ND	U	1.72
	PHENOL	126	18331	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	PYRIDINE			ND	UJ	0.339	ND	UJ	0.34	ND	UJ	0.342	ND	UJ	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	0.0128	J	0.344	ND	U	0.345
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	ACENAPHTHYLENE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	ANTHRACENE	6739	17203	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	BENZO(GHI)PERYLENE			ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	CHRYSENE	652.34	621.36	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	FLUORANTHENE	3108	2294	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	FLUORENE	499.58	2294	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	3.44	ND	U	0.345
	NAPHTHALENE	0.08389	44.95	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	PHENANTHRENE	1669	1833	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
	PYRENE	2238	1720	ND	U	0.339	ND	U	0.34	ND	U	0.342	ND	U	0.337	ND	U	0.408	ND	U	0.402	ND	U	0.333	ND	U	0.333	ND	U	0.344	ND	U	0.345
Metals (mg/kg) Method 6010	LEAD		400	4.14		0.63	2.94		0.62	2.55		0.62	3.06		0.61	9.96		0.74	11.8		0.73	3.21		0.61	2.58		0.62	11.4	J	0.63	5.09		0.64

[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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126		
			SAMPLE NO	SB0260			SB0261			SB0262			SB0263			SB0264			SB0265			SB0266			SB0267			SB0268			SB0269		
			SAMPLE DATE	10-Jul-11			10-Jul-11			10-Jul-11			10-Jul-11			10-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			12-Jul-11		
			SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
TPH (mg/kg)	DIESEL RANGE ORGANICS			15.5		4.31	10.7		4.36	43.9		4.21	27		4.15	24.6		4.75	10.5		4.21	23.6		4.38	28		4.06	43		4.05	58.7		4.11
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	4.94	ND	U	4.69	ND	U	6.23	ND	U	6.37	ND	U	5.11	ND	U	5	ND	U	5.65	ND	U	5.62	ND	U	5.24	ND	U	5.24
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,1-DICHLOROPROPENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2,3-TRICHLOROBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,3-DICHLOROBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,3-DICHLOROPROPANE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	1-CHLOROHEXANE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	2,2-DICHLOROPROPANE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	2-BUTANONE	25.34	39649	0.00763	U	0.00472	0.00197	U	0.00517	0.00521	U	0.0057	0.00399	U	0.00452	0.0032	U	0.00587	0.00456	U	0.00493	0.00335	U	0.00605	0.00426	U	0.00544	0.00604	U	0.00531	0.00738	U	0.00505
	2-CHLOROTOLUENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	2-HEXANONE			ND	U	0.00472	ND	U	0.00517	ND	U	0.0057	ND	U	0.00452	ND	U	0.00587	ND	U	0.00493	ND	U	0.00605	ND	U	0.00544	ND	U	0.00531	ND	U	0.00505
	2-PROPENAL	0.00015	0.64556	ND	R	0.0236	ND	R	0.0258	ND	R	0.0285	ND	R	0.0226	ND	R	0.0294	ND	R	0.0247	ND	R	0.0303	ND	R	0.0272	ND	R	0.0265	ND	R	0.0253
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0236	ND	R	0.0258	ND	R	0.0285	ND	R	0.0226	ND	R	0.0294	ND	R	0.0247	ND	R	0.0303	ND	R	0.0272	ND	R	0.0265	ND	R	0.0253
	4-CHLOROTOLUENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00472	ND	U	0.00517	ND	U	0.0057	ND	U	0.00452	ND	U	0.00587	ND	U	0.00493	ND	U	0.00605	ND	U	0.00544	ND	U	0.00531	ND	U	0.00505
	ACETONE	76.89	67456	0.00877	U	0.0236	0.0101	U	0.0258	0.0136	U	0.0285	0.012	U	0.0226	0.00997	U	0.0294	0.00886	U	0.0247	0.0065	U	0.0303	0.00552	U	0.0272	0.00864	U	0.0265	0.00695	U	0.0253
	BENZENE	0.03696	15.49	0.00173	J	0.00189	0.00191	J	0.00207	0.000675	J	0.00228	0.000527	J	0.00181	0.00103	J	0.00235	0.000817	J	0.00197	0.00072	J	0.00242	0.000609	J	0.00218	0.000582	J	0.00212	0.000519	J	0.00202
	BROMOBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	BROMOCHLOROMETHANE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	BROMOFORM			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	BROMOMETHANE	0.03877	22.35	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CARBON DISULFIDE	5.041	1935	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CHLOROBENZENE	1.077	508	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CHLOROETHANE	108.43	43576	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CHLOROFORM	0.00936	5.718	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	M,P-XYLENES			ND	U	0.00378	ND	U	0.00413	ND	U	0.00456	ND	U	0.00362	ND	U	0.0047	ND	U	0.00395	ND	U	0.00484	ND	U	0.00435	ND	U	0.00425	ND	U	0.00404
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00472	ND	U	0.00517	ND	U	0.0057	ND	U	0.00452	ND	U	0.00587	ND	U	0.00493	ND	U	0.00605	ND	U	0.00544	ND	U	0.00531	ND	U	0.00505
	NAPHTHALENE	0.08389	44.95	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	N-BUTYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	N-PROPYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	O-XYLENE	24.68	9548	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	P-ISOPROPYLTOLUENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	SEC-BUTYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	STYRENE	31.23	8970	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TERT-BUTYLBENZENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TOLUENE	27.66	5570	0.00119	J	0.00189	0.000881	J	0.00207	ND	U	0.00228	ND	U	0.00181	0.000701	J	0.00235	0.000689	J	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	0.000452	J	0.00202
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	VINYL ACETATE	1.525	3646	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00189	ND	U	0.00207	ND	U	0.00228	ND	U	0.00181	ND	U	0.00235	ND	U	0.00197	ND	U	0.00242	ND	U	0.00218	ND	U	0.00212	ND	U	0.00202
	XYLENES	3.523	1086	ND	U	0.00567	ND	U	0.0062	ND	U	0.00684	ND	U	0.00542	ND	U	0.00704	ND	U	0.00592	ND	U	0.00726	ND	U	0.00653	ND	U	0.00637	ND	U	0.00607

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126			KAFB106126		
			SAMPLE NO	SB0260			SB0261			SB0262			SB0263			SB0264			SB0265			SB0266			SB0267			SB0268			SB0269		
			SAMPLE DATE	10-Jul-11			10-Jul-11			10-Jul-11			10-Jul-11			10-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			12-Jul-11		
			SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	20-30 FT			20-30 FT			30-40 FT			40-50 FT			50-100 FT			100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	1,3-DICHLOROBENZENE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,6-DICHLOROPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2-METHYLPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	2-NITROANILINE			ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	2-NITROPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.713	ND	U	0.709	ND	U	0.695	ND	U	0.685	ND	U	0.782	ND	U	0.692	ND	U	0.713	ND	U	0.67	ND	U	0.67	ND	U	0.681
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	3-NITROANILINE			ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	4-CHLORO-3-METHYLPHENOL			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	4-CHLOROANILINE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	4-NITROANILINE			ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	4-NITROPHENOL			ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	BENZENAMINE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	UJ	0.335	ND	UJ	0.34
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	0.0779	J	0.391	ND	U	0.346	0.048	J	0.356	0.106	J	0.335	ND	U	0.335	0.0785	J	0.34
	BUTYL BENZYL PHTHALATE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	CARBAZOLE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	DIBENZOFURAN			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	DI-N-BUTYL PHTHALATE			ND	U	0.357	ND	U	0.355	ND	U	0.348	0.0238	J	0.342	0.0181	J	0.391	ND	U	0.346	0.0222	J	0.356	0.0281	J	0.335	ND	U	0.335	ND	U	0.34
	DI-N-OCTYL PHTHALATE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	ISOPHORONE	3.69	5119	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	NITROBENZENE	0.13727	49.41	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.78	ND	U	1.77	ND	U	1.74	ND	U	1.71	ND	U	1.95	ND	U	1.73	ND	U	1.78	ND	U	1.68	ND	U	1.68	ND	U	1.7
	PHENOL	126	18331	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	PYRIDINE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	ACENAPHTHYLENE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	ANTHRACENE	6739	17203	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BENZO(GHI)PERYLENE			ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	CHRYSENE	652.34	621.36	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	FLUORANTHENE	3108	2294	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	FLUORENE	499.58	2294	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	NAPHTHALENE	0.08389	44.95	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	PHENANTHRENE	1669	1833	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
	PYRENE	2238	1720	ND	U	0.357	ND	U	0.355	ND	U	0.348	ND	U	0.342	ND	U	0.391	ND	U	0.346	ND	U	0.356	ND	U	0.335	ND	U	0.335	ND	U	0.34
Metals (mg/kg) Method 6010	LEAD		400	8.96		0.65	8.92		0.65	4.97		0.63	3.8		0.62	8.85		0.71	5.02		0.64	2.6		0.66	2.51		0.61	2.86		0.61	5.06		0.62

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenuation 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 (MC
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 (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

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE			KAFB106126			KAFB106126			KAFB106126			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127		
				SAMPLE NO			SB0270			SB0271			SB1746			SB0272			SB0273			SB0274			SB0275			SB0276			SB0277			SB0278		
				SAMPLE DATE			12-Jul-11			12-Jul-11			12-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11		
				SAMPLE PURPOSE			REG			REG			FD			REG			REG			REG			REG			REG			FD			REG		
				SAMPLE DEPTH			350-400 FT			400-450 FT			300-350 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]		Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (mg/kg)		DIESEL RANGE ORGANICS			120		8.36	37.1		4.07	50.3		4.11	8.81		4.12	6.2		4.26	341		41.9	105		20.6	42.3	J	4.64	153	J	20.4	19.2		4.45
Method 8015B		GASOLINE RANGE ORGANICS			ND	U	5.2	ND	U	4.88	ND	U	5.6	ND	U	5.26	ND	U	3.77	ND	U	5.23	ND	U	4.49	ND	U	8.9	ND	U	4.84	ND	U	7
VOCs (mg/kg)		1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
Method 8260B		1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,1-DICHLOROPROPENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2,3-TRICHLOROBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2,4-TRIMETHYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	0.00285		0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,3,5-TRIMETHYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,3-DICHLOROBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,3-DICHLOROPROPANE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		1-CHLOROHEXANE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		2,2-DICHLOROPROPANE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		2-BUTANONE	25.34	39649	0.0161	U	0.00515	0.0024	U	0.00468	0.00316	U	0.00526	ND	U	0.00488	ND	U	0.00521	ND	U	0.00466	ND	U	0.00484	0.0113	J	0.00841	0.0046	J	0.00443	ND	U	0.00725
		2-CHLOROTOLUENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		2-HEXANONE			ND	U	0.00515	ND	U	0.00468	ND	U	0.00526	ND	U	0.00488	ND	U	0.00521	ND	U	0.00466	ND	U	0.00484	ND	U	0.00841	ND	U	0.00443	ND	U	0.00725
		2-PROPENAL	0.00015	0.64556	ND	R	0.0258	ND	U	0.0234	ND	U	0.0263	ND	U	0.0244	ND	U	0.0261	ND	UJ	0.0233	ND	U	0.0242	ND	U	0.042	ND	U	0.0221	ND	R	0.0362
		2-PROPENENITRILE	0.00164	5.97	ND	R	0.0258	ND	R	0.0234	ND	R	0.0263	ND	R	0.0244	ND	R	0.0261	ND	R	0.0233	ND	R	0.0242	ND	R	0.042	ND	R	0.0221	ND	R	0.0362
		4-CHLOROTOLUENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00515	ND	U	0.00468	ND	U	0.00526	ND	U	0.00488	ND	U	0.00521	ND	U	0.00466	ND	U	0.00484	ND	U	0.00841	ND	U	0.00443	ND	U	0.00725
		ACETONE	76.89	67456	0.0154	U	0.0258	0.00299	U	0.0234	0.00428	U	0.0263	0.0203	J	0.0244	ND	U	0.0261	0.0121	U	0.0233	0.0211	J	0.0242	0.0266	J	0.042	0.00672	U	0.0221	0.0125	U	0.0362
		BENZENE	0.03696	15.49	0.000343	J	0.00206	0.00195		0.00187	0.00134	J	0.0021	0.00102	J	0.00195	ND	U	0.00208	0.0032		0.00187	0.000504	J	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		BROMOBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		BROMOCHLOROMETHANE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		BROMOFORM			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		BROMOMETHANE	0.03877	22.35	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	UJ	0.00336	ND	UJ	0.00177	ND	U	0.0029
		CARBON DISULFIDE	5.041	1935	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CHLOROBENZENE	1.077	508	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CHLOROETHANE	108.43	43576	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CHLOROFORM	0.00936	5.718	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CHLOROMETHANE	0.08363	35.59	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		CIS-1,3-DICHLOROPROPENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		DIBROMOMETHANE	1.553	782.14	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		ETHYLBENZENE	0.29128	69.66	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	UJ	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		ISOPROPYLBENZENE	19.73	3211	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		M,P-XYLENES			ND	U	0.00412	ND	U	0.00375	ND	U	0.00421	ND	U	0.0039	ND	U	0.00417	0.00424		0.00373	ND	U	0.00387	ND	U	0.00673	ND	U	0.00354	ND	U	0.0058
		METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00515	ND	U	0.00468	ND	U	0.00526	ND	U	0.00488	0.0047	J	0.00521	ND	U	0.00466	ND	U	0.00484	ND	U	0.00841	ND	U	0.00443	ND	U	0.00725
		NAPHTHALENE	0.08389	44.95	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		N-BUTYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		N-PROPYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		O-XYLENE	24.68	9548	ND	U	0.00206	0.000838	U	0.00187	0.000835	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		P-ISOPROPYLTOLUENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	UJ	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		SEC-BUTYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		STYRENE	31.23	8970	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	UJ	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TERT-BUTYLBENZENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.0107	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TOLUENE	27.66	5570	ND	U	0.00206	0.00227		0.00187	0.000803	J	0.0021	ND	U	0.00195	ND	U	0.00208	0.00474		0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TRANS-1,3-DICHLOROPROPENE			ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TRICHLOROETHENE	0.10595	45.67	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		VINYL ACETATE	1.525	3646	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	UJ	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00206	ND	U	0.00187	ND	U	0.0021	ND	U	0.00195	ND	U	0.00208	ND	U	0.00187	ND	U	0.00194	ND	U	0.00336	ND	U	0.00177	ND	U	0.0029
		XYLENES	3.523	1086	ND	U	0.00618	0.000838	U	0.00562	0.000835	U	0.00631	ND	U	0.00586	ND	U	0.00625	0.00424	J	0.0056	ND	U	0.00581	ND	U	0.0101	ND	U	0.00531	ND	U	0.0087

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE			KAFB106126			KAFB106126			KAFB106126			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127		
				SAMPLE NO			SB0270			SB0271			SB1746			SB0272			SB0273			SB0274			SB0275			SB0276			SB0277			SB0278		
				SAMPLE DATE			12-Jul-11			12-Jul-11			12-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11		
				SAMPLE PURPOSE			REG			REG			FD			REG			REG			REG			REG			REG			FD			REG		
				SAMPLE DEPTH			350-400 FT			400-450 FT			300-350 FT			0-10 FT			10-20 FT			20-30 FT			30-40 FT			40-50 FT			40-50 FT			50-100 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL
SVOCs (mg/kg)	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
Method 8270D	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	1,3-DICHLOROBENZENE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,6-DICHLOROPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	2-METHYLPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	0.0191	J	0.333	ND	U	0.369
	2-NITROANILINE			ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	2-NITROPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.688	ND	U	0.665	ND	U	0.68	ND	U	0.677	ND	U	0.706	ND	U	0.691	ND	U	0.681	ND	U	0.768	ND	U	0.665	ND	U	0.739
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	3-NITROANILINE			ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	4-CHLORO-3-METHYLPHENOL			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	4-CHLOROANILINE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	4-NITROANILINE			ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	4-NITROPHENOL			ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	BENZENAMINE			ND	UJ	0.344	ND	UJ	0.332	ND	UJ	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.214	J	0.344	ND	U	0.332	0.0982	J	0.34	ND	U	0.339	ND	U	0.353	0.243	J	0.345	0.156	J	0.341	ND	U	0.384	0.192	J	0.333	ND	U	0.369
	BUTYL BENZYL PHTHALATE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	CARBAZOLE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	DIBENZOFURAN			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	DI-N-BUTYL PHTHALATE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	0.014	J	0.333	ND	U	0.369
	DI-N-OCTYL PHTHALATE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	ISOPHORONE	3.69	5119	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	NITROBENZENE	0.13727	49.41	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.72	ND	U	1.66	ND	U	1.7	ND	U	1.69	ND	U	1.76	ND	U	1.73	ND	U	1.7	ND	U	1.92	ND	U	1.66	ND	U	1.85
	PHENOL	126	18331	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	PYRIDINE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
PAHs (mg/kg)	2-METHYLNAPHTHALENE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
Method 8270D	ACENAPHTHENE	409.91	3441	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	ACENAPHTHYLENE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	ANTHRACENE	6739	17203	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BENZO(GHI)PERYLENE			ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	CHRYSENE	652.34	621.36	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	FLUORANTHENE	3108	2294	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	FLUORENE	499.58	2294	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	NAPHTHALENE	0.08389	44.95	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	PHENANTHRENE	1669	1833	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
	PYRENE	2238	1720	ND	U	0.344	ND	U	0.332	ND	U	0.34	ND	U	0.339	ND	U	0.353	ND	U	0.345	ND	U	0.341	ND	U	0.384	ND	U	0.333	ND	U	0.369
Metals (mg/kg) Method 6010	LEAD		400	3.03		0.64	2.88		0.61	3.31		0.62	5.54		0.62	4.45		0.64	6.14	J-	0.63	5.76		0.62	6.08		0.7	5.01		0.61	9.35		0.67		

[a] EPA analytical methods listed are for the most recent sampling event.
[b] NMED Dilution Attenuation 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 (MC
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 (MI
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 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

			LOCATION CODE	KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127		
			SAMPLE NO	SB0279			SB0280			SB0281			SB0282			SB0283			SB0284			SB0285		
			SAMPLE DATE	21-Jul-11			21-Jul-11			21-Jul-11			21-Jul-11			21-Jul-11			23-Jul-11			23-Jul-11		
			SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH	100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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 (mg/kg)	DIESEL RANGE ORGANICS			16.2		4.06	18.6		4.13	99.3		8.23	22.2		4.14	34.8		4.06	88.1		8.46	279		20.7
Method 8015B	GASOLINE RANGE ORGANICS			ND	U	5.58	ND	U	5.45	ND	U	6.14	ND	U	5.21	ND	U	6.05	ND	U	5.65	ND	U	5.54
VOCs (mg/kg)	1,1,1,2-TETRACHLOROETHANE	0.03454	29.19	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
Method 8260B	1,1,1-TRICHLOROETHANE	59.53	21839	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,1,2,2-TETRACHLOROETHANE	0.0045	7.975	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,1,2-TRICHLOROETHANE	0.01348	17.16	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,1-DICHLOROETHANE	0.12183	62.92	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,1-DICHLOROETHENE	2.381	617.75	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,1-DICHLOROPROPENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2,3-TRICHLOROBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2,3-TRICHLOROPROPANE	0.00071	0.91479	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2,4-TRIMETHYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2-DIBROMO-3-CHLOROPROPANE	0.00006	0.19443	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2-DIBROMOETHANE	0.00032	0.57397	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2-DICHLOROETHANE	0.0073	7.741	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,2-DICHLOROPROPANE	0.02227	14.73	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,3,5-TRIMETHYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,3-DICHLOROBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,3-DICHLOROPROPANE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	1-CHLOROHEXANE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	2,2-DICHLOROPROPANE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	2-BUTANONE	25.34	39649	ND	U	0.00481	ND	U	0.00514	ND	U	0.00597	ND	U	0.00514	ND	U	0.00532	ND	U	0.00531	ND	U	0.0051
	2-CHLOROTOLUENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	2-HEXANONE			ND	U	0.00481	ND	U	0.00514	ND	U	0.00597	ND	U	0.00514	ND	U	0.00532	ND	U	0.00531	ND	U	0.0051
	2-PROPENAL	0.00015	0.64556	ND	U	0.0241	ND	U	0.0257	ND	U	0.0298	ND	U	0.0257	ND	U	0.0266	ND	U	0.0265	ND	U	0.0255
	2-PROPENENITRILE	0.00164	5.97	ND	R	0.0241	ND	R	0.0257	ND	R	0.0298	ND	R	0.0257	ND	R	0.0266	ND	R	0.0265	ND	R	0.0255
	4-CHLOROTOLUENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	4-METHYL-2-PENTANONE	7.579	5949	ND	U	0.00481	ND	U	0.00514	ND	U	0.00597	ND	U	0.00514	ND	U	0.00532	ND	U	0.00531	ND	U	0.0051
	ACETONE	76.89	67456	0.0066	U	0.0241	0.00759	U	0.0257	0.0104	U	0.0298	0.00385	U	0.0257	0.00843	U	0.0266	0.00597	J	0.0265	0.00969	J	0.0255
	BENZENE	0.03696	15.49	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	0.000745	J	0.00212	0.000667	J	0.00204
	BROMOBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	BROMOCHLOROMETHANE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	BROMODICHLOROMETHANE	0.00553	5.249	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	BROMOFORM			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	BROMOMETHANE	0.03877	22.35	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CARBON DISULFIDE	5.041	1935	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CARBON TETRACHLORIDE	0.01479	4.378	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CHLOROBENZENE	1.077	508	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CHLOROETHANE	108.43	43576	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CHLOROFORM	0.00936	5.718	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CHLOROMETHANE	0.08363	35.59	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CIS-1,2-DICHLOROETHENE	1.885	782.14	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	CIS-1,3-DICHLOROPROPENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	DIBROMOCHLOROMETHANE	0.00675	11.89	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	DIBROMOMETHANE	1.553	782.14	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	DICHLORODIFLUOROMETHANE	14.47	481.47	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	ETHYLBENZENE	0.29128	69.66	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	ISOPROPYLBENZENE	19.73	3211	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	M,P-XYLENES			ND	U	0.00385	ND	U	0.00411	ND	U	0.00477	ND	U	0.00411	ND	U	0.00425	ND	U	0.00425	ND	U	0.00408
	METHYL TERT-BUTYL ETHER	0.4586	862.14	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	METHYLENE CHLORIDE	0.21487	199.48	ND	U	0.00481	ND	U	0.00514	ND	U	0.00597	ND	U	0.00514	ND	U	0.00532	ND	U	0.00531	ND	U	0.0051
	NAPHTHALENE	0.08389	44.95	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	N-BUTYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	N-PROPYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	O-XYLENE	24.68	9548	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	P-ISOPROPYLTOLUENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	SEC-BUTYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	STYRENE	31.23	8970	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TERT-BUTYLBENZENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TETRACHLOROETHENE	0.00898	6.99	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TOLUENE	27.66	5570	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TRANS-1,2-DICHLOROETHENE	0.6027	273.3	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TRANS-1,3-DICHLOROPROPENE			ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TRICHLOROETHENE	0.10595	45.67	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	TRICHLOROFLUOROMETHANE	18.03	2008	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	VINYL ACETATE	1.525	3646	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	VINYL CHLORIDE	0.00576	0.86469	ND	U	0.00193	ND	U	0.00205	ND	U	0.00239	ND	U	0.00206	ND	U	0.00213	ND	U	0.00212	ND	U	0.00204
	XYLENES	3.523	1086	ND	U	0.00578	ND	U	0.00616	ND	U	0.00716	ND	U	0.00617	ND	U	0.00638	ND	U	0.00637	ND	U	0.00612

Table 4-1
Summary of Soil Sampling Analytical Results, May - July 2011

				LOCATION CODE	KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127			KAFB106127		
				SAMPLE NO	SB0279			SB0280			SB0281			SB0282			SB0283			SB0284			SB0285		
				SAMPLE DATE	21-Jul-11			21-Jul-11			21-Jul-11			21-Jul-11			21-Jul-11			23-Jul-11			23-Jul-11		
				SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG		
				SAMPLE DEPTH	100-150 FT			150-200 FT			200-250 FT			250-300 FT			300-350 FT			350-400 FT			400-450 FT		
Chemical Class & Analytical Method[a]	Parameter	DAF20[b]	Residential Soil	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 (mg/kg) Method 8270D	1,2,4,5-TETRACHLOROBENZENE	0.42858	18.33	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	1,2,4-TRICHLOROBENZENE	0.20494	143.13	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	1,2-DICHLOROBENZENE	6.269	3014	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	1,2-DIPHENYLHYDRAZINE	0.09063	6.079	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	1,3-DICHLOROBENZENE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	1,4-DICHLOROBENZENE	0.07139	32.16	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,3,4,6-TETRACHLOROPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,4,5-TRICHLOROPHENOL	142.52	6110	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,4,6-TRICHLOROPHENOL	1.425	61.1	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,4-DICHLOROPHENOL	2.737	183.31	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,4-DIMETHYLPHENOL	18.25	1222	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,4-DINITROPHENOL	1.05	122.21	ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	2,4-DINITROTOLUENE	0.03116	15.69	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,6-DICHLOROPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2,6-DINITROTOLUENE	0.53322	61.24	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2-CHLORONAPHTHALENE	270.91	6257	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2-CHLOROPHENOL	3.059	391.07	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2-METHYLPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	2-NITROANILINE			ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	2-NITROPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	3,3'-DICHLOROBENZIDINE	0.34068	10.81	ND	U	0.67	ND	U	0.677	ND	U	0.677	ND	U	0.682	ND	U	0.663	ND	U	0.698	ND	U	0.682
	3-METHYLPHENOL AND 4-METHYLPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	3-NITROANILINE			ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	4,6-DINITRO-2-METHYLPHENOL	0.07852	6.11	ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	4-BROMOPHENYL PHENYL ETHER			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	4-CHLORO-3-METHYLPHENOL			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	4-CHLOROANILINE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	4-CHLOROPHENYL PHENYL ETHER			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	4-NITROANILINE			ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	4-NITROPHENOL			ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	BENZENAMINE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BIS(2-CHLOROETHOXY)METHANE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BIS(2-CHLOROETHYL)ETHER	0.00047	2.559	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BIS(2-CHLOROISOPROPYL)ETHER	0.05114	91.48	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BIS(2-ETHYLHEXYL)PHTHALATE	238.34	347.39	0.0483	J	0.335	0.0398	J	0.339	ND	U	0.338	0.0517	J	0.341	0.111	J	0.331	0.148	J	0.349	0.554		0.341
	BUTYL BENZYL PHTHALATE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	CARBAZOLE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DIBENZOFURAN			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DIETHYL PHTHALATE	211.78	48884	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DIMETHYL PHTHALATE	1671	611049	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DI-N-BUTYL PHTHALATE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DI-N-OCTYL PHTHALATE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	HEXACHLOROBENZENE	0.04411	3.04	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	HEXACHLOROBUTADIENE	0.29485	61.1	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	HEXACHLOROCYCLOPENTADIENE	12.26	366.56	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	HEXACHLOROETHANE	0.38573	61.1	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	ISOPHORONE	3.69	5119	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	NITROBENZENE	0.13727	49.41	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	N-NITROSODIETHYLAMINE	0.00003	0.03242	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	N-NITROSODIMETHYLAMINE	0.00006	0.09536	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	N-NITROSO-DI-N-PROPYLAMINE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	N-NITROSODIPHENYLAMINE	25.79	992.54	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	PENTACHLOROBENZENE	1.874	48.88	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	PENTACHLOROPHENOL	0.58725	29.78	ND	U	1.67	ND	U	1.69	ND	U	1.69	ND	U	1.71	ND	U	1.66	ND	U	1.74	ND	U	1.7
	PHENOL	126	18331	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	PYRIDINE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
PAHs (mg/kg) Method 8270D	2-METHYLNAPHTHALENE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	ACENAPHTHENE	409.91	3441	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	ACENAPHTHYLENE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	ANTHRACENE	6739	17203	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BENZO(A)ANTHRACENE	6.391	6.214	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BENZO(A)PYRENE	2.173	0.62139	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BENZO(B)FLUORANTHENE	22.18	6.214	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BENZO(GHI)PERYLENE			ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	BENZO(K)FLUORANTHENE	217.32	62.14	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	CHRYSENE	652.34	621.36	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	DIBENZO(A,H)ANTHRACENE	7.241	0.62139	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	FLUORANTHENE	3108	2294	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	FLUORENE	499.58	2294	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	INDENO(1,2,3-CD)PYRENE	73.9	6.214	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	NAPHTHALENE	0.08389	44.95	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	PHENANTHRENE	1669	1833	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
	PYRENE	2238	1720	ND	U	0.335	ND	U	0.339	ND	U	0.338	ND	U	0.341	ND	U	0.331	ND	U	0.349	ND	U	0.341
Metals (mg/kg) Method 6010	LEAD		400	2.68		0.61	2.12		0.62	2.5		0.62	2.71		0.62	2.52		0.6	3.64		0.63	4.4		0.61

[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 (MC
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 (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

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg

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Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg

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Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg

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Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-220	220	221	No Result	4.4	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-260	260	261	No Result	19	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-320	320	321	No Result	184.3	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106006	KAFB-106006-340	340	341	No Result	0.355	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-120	120	121	No Result	4.2	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-360	360	361	No Result	14	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-360	360	361	No Result	11	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-260	260	261	No Result	6.8	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106009	KAFB-106009-300	300	301	No Result	5.1	No Result	No Result	No Result	No Result	No Result	No Result	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg

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Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106120	KAFB-106120-0	0	10	0.0022	394.015	0.001125	No Result	14.7	0.008691	0.00336	0.00206	mg/Kg
KAFB-106120	KAFB-106120-10	10	20	0.000711	29.99	0.00112	No Result	4.26	0.009115	0.00148	0.00084	mg/Kg
KAFB-106120	KAFB-106120-20	20	30	0.00322	11.86	0.00127	No Result	6.31	0.0097085	0.00389	0.00248	mg/Kg
KAFB-106120	KAFB-106120-30	30	40	0.00129	20.07	0.001155	No Result	5.11	0.009144	0.00188	0.000807	mg/Kg
KAFB-106120	KAFB-106120-40	40	50	0.0006435	13.1	0.00129	No Result	5.215	0.006198	0.001065	0.0009675	mg/Kg
KAFB-106120	KAFB-106120-50	50	100	0.000342	10.415	0.00131	No Result	4.07	0.0091135	0.000749	0.00098	mg/Kg
KAFB-106120	KAFB-106120-100	100	150	0.000395	197.185	0.00103	No Result	4.8	0.009204	0.000822	0.000775	mg/Kg
KAFB-106120	KAFB-106120-150	150	200	0.00029	30.52	0.001315	No Result	2.57	0.008964	0.00065	0.000985	mg/Kg
KAFB-106120	KAFB-106120-200	200	250	0.000918	48.035	0.001445	No Result	5.35	0.0102555	0.00228	0.00079	mg/Kg
KAFB-106120	KAFB-106120-250	250	300	0.00314	55.86	0.001175	No Result	4.69	0.0092215	0.00311	0.00088	mg/Kg
KAFB-106120	KAFB-106120-300	300	350	0.00062	14.965	0.00108	No Result	2.41	0.00856	0.00119	0.00081	mg/Kg
KAFB-106120	KAFB-106120-350	350	400	0.0199	58.809	0.00101	No Result	5.82	0.009726	0.0394	0.00345	mg/Kg
KAFB-106120	KAFB-106120-400	400	450	0.115	1167.53	0.001445	No Result	3.7	0.0091055	0.769	0.17	mg/Kg
KAFB-106121	KAFB-106121-0	0	10	0.000834	521.43	0.0016	No Result	15.5	0.009075	0.00176	0.000875	mg/Kg
KAFB-106121	KAFB-106121-10	10	20	0.00125	110.35	0.00127	No Result	4.28	0.008734	0.00273	0.00144	mg/Kg
KAFB-106121	KAFB-106121-20	20	30	0.00322	9.315	0.001575	No Result	6.58	0.008922	0.00496	0.0033	mg/Kg
KAFB-106121	KAFB-106121-30	30	40	0.00169	72.445	0.00196	No Result	8.19	0.00927	0.00335	0.00119	mg/Kg
KAFB-106121	KAFB-106121-40	40	50	0.00178	234.32	0.001855	No Result	7.15	0.0089565	0.00591	0.00107	mg/Kg
KAFB-106121	KAFB-106121-50	50	100	0.00305	46.745	0.001925	No Result	12.9	0.0100905	0.00396	0.00268	mg/Kg
KAFB-106121	KAFB-106121-100	100	150	0.0011	156.08	0.00191	No Result	5.65	0.009714	0.00228	0.000855	mg/Kg
KAFB-106121	KAFB-106121-150	150	200	0.00045	10.685	0.0012675	No Result	4.675	0.00909575	0.0009965	0.0009525	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106121	KAFB-106121-200	200	250	0.00147	23.53	0.00161	No Result	6.51	0.0101015	0.003	0.00121	mg/Kg
KAFB-106121	KAFB-106121-250	250	300	0.000503	24.175	0.001165	No Result	3.28	0.008521	0.00104	0.000875	mg/Kg
KAFB-106121	KAFB-106121-300	300	350	0.000555	36.97	0.001225	No Result	2.56	0.008678	0.0014	0.00092	mg/Kg
KAFB-106121	KAFB-106121-350	350	400	0.000738	23.155	0.001265	No Result	2.79	0.0086585	0.00176	0.00095	mg/Kg
KAFB-106121	KAFB-106121-400	400	450	0.0064	19.125	0.00142	No Result	4.18	0.009552	0.0118	0.00168	mg/Kg
KAFB-106122	KAFB-106122-0	0	10	0.00183	222.715	0.00077	No Result	13	0.009121	0.00231	0.00216	mg/Kg
KAFB-106122	KAFB-106122-10	10	20	0.00074	110.835	0.000795	No Result	4.05	0.0086745	0.00117	0.000956	mg/Kg
KAFB-106122	KAFB-106122-20	20	30	0.00156	170.9675	0.0009775	No Result	5.8	0.009122	0.002165	0.002205	mg/Kg
KAFB-106122	KAFB-106122-30	30	40	0.000636	650.89	0.00094	No Result	5.93	0.0088675	0.00119	0.00082	mg/Kg
KAFB-106122	KAFB-106122-40	40	50	0.000336	182.79	0.000915	No Result	7.02	0.008889	0.000228	0.000406	mg/Kg
KAFB-106122	KAFB-106122-50	50	100	0.000307	47.685	0.00123	No Result	3.79	0.0085785	0.000307	0.000925	mg/Kg
KAFB-106122	KAFB-106122-100	100	150	0.000256	86.99	0.00077	No Result	5.29	0.009046	0.000192	0.000575	mg/Kg
KAFB-106122	KAFB-106122-150	150	200	0.000259	21.115	0.001035	No Result	4.11	0.0087045	0.000259	0.000775	mg/Kg
KAFB-106122	KAFB-106122-200	200	250	0.000282	60.76	0.00113	No Result	7.09	0.010441	0.00151	0.00085	mg/Kg
KAFB-106122	KAFB-106122-250	250	300	0.000388	18.26	0.001555	No Result	4.56	0.010219	0.000388	0.001165	mg/Kg
KAFB-106122	KAFB-106122-300	300	350	0.00172	15.88	0.00122	No Result	3.52	0.0086275	0.00358	0.000915	mg/Kg
KAFB-106122	KAFB-106122-350	350	400	0.00245	162.115	0.0012025	No Result	2.715	0.00931275	0.004805	0.0007855	mg/Kg
KAFB-106122	KAFB-106122-400	400	450	0.519	27.86	0.001225	No Result	7.65	0.010003	1.14	0.0524	mg/Kg
KAFB-106123	KAFB-106123-0	0	10	0.001625	60.78	0.00092	No Result	8.37	0.00916475	0.001925	0.00157	mg/Kg
KAFB-106123	KAFB-106123-10	10	20	0.00127	426.03	0.000985	No Result	4.62	0.008773	0.00152	0.00125	mg/Kg
KAFB-106123	KAFB-106123-20	20	30	0.00415	29.665	0.00123	No Result	7.56	0.0093035	0.00487	0.00413	mg/Kg
KAFB-106123	KAFB-106123-30	30	40	0.00199	285.925	0.00102	No Result	7.66	0.0090275	0.0026	0.00141	mg/Kg
KAFB-106123	KAFB-106123-40	40	50	0.00059	61.385	0.001065	No Result	4.57	0.008808	0.000954	0.0008	mg/Kg
KAFB-106123	KAFB-106123-50	50	100	0.00168	38.575	0.001105	No Result	12.5	0.010088	0.00201	0.00131	mg/Kg
KAFB-106123	KAFB-106123-100	100	150	0.000479	15.61	0.000915	No Result	5.22	0.009389	0.000833	0.000685	mg/Kg
KAFB-106123	KAFB-106123-150	150	200	0.00111	18.405	0.00113	No Result	7.63	0.009791	0.00115	0.00085	mg/Kg
KAFB-106123	KAFB-106123-200	200	250	0.00184	15.415	0.001345	No Result	9.98	0.0096675	0.00269	0.000608	mg/Kg
KAFB-106123	KAFB-106123-250	250	300	0.000605	93.835	0.000905	No Result	4.16	0.008738	0.000665	0.000675	mg/Kg
KAFB-106123	KAFB-106123-300	300	350	0.000619	57.065	0.001085	No Result	2.77	0.0087605	0.00116	0.000815	mg/Kg
KAFB-106123	KAFB-106123-350	350	400	0.0046105	73.75	0.00104	No Result	2.445	0.00859225	0.010824	0.0014425	mg/Kg
KAFB-106123	KAFB-106123-400	400	450	0.00256	24.405	0.00097	No Result	2.1	0.008671	0.00475	0.00138	mg/Kg
KAFB-106124	KAFB-106124-0	0	10	0.000926	15.375	0.00099	No Result	6.51	0.0092735	0.00149	0.00109	mg/Kg
KAFB-106124	KAFB-106124-10	10	20	0.000587	60.225	0.001065	No Result	5.47	0.008708	0.00116	0.0008	mg/Kg
KAFB-106124	KAFB-106124-20	20	30	0.00105	248.985	0.00099	No Result	6.65	0.009049	0.00153	0.0011	mg/Kg
KAFB-106124	KAFB-106124-30	30	40	0.000389	272.955	0.001065	No Result	5.24	0.008633	0.00107	0.0008	mg/Kg
KAFB-106124	KAFB-106124-40	40	50	0.0002785	618.965	0.001025	No Result	4.375	0.005854	0.000256	0.0007675	mg/Kg
KAFB-106124	KAFB-106124-50	50	100	0.000265	46.16	0.00106	No Result	5.75	0.0087075	0.000265	0.000795	mg/Kg
KAFB-106124	KAFB-106124-100	100	150	0.000368	26.14	0.00109	No Result	3.99	0.008611	0.000868	0.000815	mg/Kg
KAFB-106124	KAFB-106124-150	150	200	0.000276	57.4	0.001105	No Result	3.17	0.008488	0.000276	0.00083	mg/Kg
KAFB-106124	KAFB-106124-200	200	250	0.000253	24.875	0.001015	No Result	4.94	0.0087265	0.000716	0.00076	mg/Kg
KAFB-106124	KAFB-106124-250	250	300	0.000287	21.24	0.0023	No Result	2.88	0.0088435	0.000652	0.00086	mg/Kg
KAFB-106124	KAFB-106124-300	300	350	0.0001935	41.5475	0.001	No Result	2.64	0.00861225	0.000594	0.00075	mg/Kg
KAFB-106124	KAFB-106124-350	350	400	0.000756	103.08	0.00113	No Result	2.67	0.0084915	0.00235	0.00085	mg/Kg

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Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106124	KAFB-106124-400	400	450	0.000594	28.925	0.00102	No Result	3.41	0.008602	0.00209	0.000765	mg/Kg
KAFB-106125	KAFB-106125-0	0	10	0.00317	37.85	0.00138	No Result	6.91	0.0088975	0.00478	0.00332	mg/Kg
KAFB-106125	KAFB-106125-10	10	20	0.000678	141.09	0.0013175	No Result	5.805	0.009127	0.0011745	0.0009615	mg/Kg
KAFB-106125	KAFB-106125-20	20	30	0.00262	350.06	0.000875	No Result	6.89	0.0093595	0.00325	0.00287	mg/Kg
KAFB-106125	KAFB-106125-30	30	40	0.000696	17.64	0.00103	No Result	6.53	0.009379	0.0012	0.00077	mg/Kg
KAFB-106125	KAFB-106125-40	40	50	0.00141	103	0.000975	No Result	5.79	0.0091715	0.00227	0.00114	mg/Kg
KAFB-106125	KAFB-106125-50	50	100	0.0012	28.705	0.00143	No Result	9.58	0.010377	0.00171	0.000847	mg/Kg
KAFB-106125	KAFB-106125-100	100	150	0.000506	4.315	0.001225	No Result	4.14	0.0088035	0.00101	0.00092	mg/Kg
KAFB-106125	KAFB-106125-150	150	200	0.00013	33.885	0.00101	No Result	2.94	0.008776	0.000538	0.00076	mg/Kg
KAFB-106125	KAFB-106125-200	200	250	0.00017	5.665	0.00116	No Result	2.55	0.0088755	0.00064	0.00087	mg/Kg
KAFB-106125	KAFB-106125-250	250	300	0.000283	15.215	0.000955	No Result	3.06	0.008681	0.000574	0.000715	mg/Kg
KAFB-106125	KAFB-106125-300	300	350	0.004035	19.7025	0.001135	No Result	10.88	0.010354	0.006655	0.001715	mg/Kg
KAFB-106125	KAFB-106125-350	350	400	0.000327	26.75	0.001005	No Result	3.21	0.008525	0.000862	0.00075	mg/Kg
KAFB-106125	KAFB-106125-400	400	450	0.00127	44.295	0.001165	No Result	2.58	0.0085455	0.00287	0.000875	mg/Kg
KAFB-106126	KAFB-106126-0	0	11	0.00115	332.805	0.000845	No Result	11.4	0.0087805	0.000745	0.000635	mg/Kg
KAFB-106126	KAFB-106126-10	10	20	0.00149	16.28	0.0011	No Result	5.09	0.008837	0.000807	0.000825	mg/Kg
KAFB-106126	KAFB-106126-20	20	30	0.00182	14.0625	0.00099	No Result	8.94	0.0090985	0.0010355	0.0007425	mg/Kg
KAFB-106126	KAFB-106126-30	30	40	0.000675	45.145	0.00114	No Result	4.97	0.0089175	0.000285	0.000855	mg/Kg
KAFB-106126	KAFB-106126-40	40	50	0.000527	27.925	0.000905	No Result	3.8	0.008763	0.000226	0.00068	mg/Kg
KAFB-106126	KAFB-106126-50	50	100	0.00103	25.875	0.001175	No Result	8.85	0.0099965	0.000701	0.00088	mg/Kg
KAFB-106126	KAFB-106126-100	100	150	0.000817	11.525	0.000985	No Result	5.02	0.008848	0.000689	0.00074	mg/Kg
KAFB-106126	KAFB-106126-150	150	200	0.00072	24.8	0.00121	No Result	2.6	0.009151	0.000302	0.00091	mg/Kg
KAFB-106126	KAFB-106126-200	200	250	0.000609	29.13	0.00109	No Result	2.51	0.008586	0.000272	0.000815	mg/Kg
KAFB-106126	KAFB-106126-250	250	300	0.000582	44.125	0.00106	No Result	2.86	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106126	KAFB-106126-300	300	350	0.0009295	55.585	0.00103	No Result	4.185	0.005888333	0.0006275	0.0007975	mg/Kg
KAFB-106126	KAFB-106126-350	350	400	0.000343	121.04	0.00103	No Result	3.03	0.0088035	0.000257	0.000775	mg/Kg
KAFB-106126	KAFB-106126-400	400	450	0.00195	38.075	0.000935	No Result	2.88	0.008492	0.00227	0.000838	mg/Kg
KAFB-106127	KAFB-106127-0	0	10	0.00102	9.86	0.000975	No Result	5.54	0.008672	0.000244	0.00073	mg/Kg
KAFB-106127	KAFB-106127-10	10	20	0.00026	6.955	0.00104	No Result	4.45	0.0095675	0.00026	0.00078	mg/Kg
KAFB-106127	KAFB-106127-20	20	30	0.0032	342.045	0.000935	No Result	6.14	0.0088415	0.00474	0.00424	mg/Kg
KAFB-106127	KAFB-106127-30	30	40	0.000504	105.9	0.00097	No Result	5.76	0.008721	0.000242	0.000725	mg/Kg
KAFB-106127	KAFB-106127-40	40	50	0.0003205	99.025	0.0012825	No Result	5.545	0.00919775	0.0003205	0.0009625	mg/Kg
KAFB-106127	KAFB-106127-50	50	100	0.000362	20.6	0.00145	No Result	9.35	0.009506	0.000362	0.001085	mg/Kg
KAFB-106127	KAFB-106127-100	100	150	0.00024	17.315	0.000965	No Result	2.68	0.00857	0.00024	0.00072	mg/Kg
KAFB-106127	KAFB-106127-150	150	200	0.000257	19.69	0.001025	No Result	2.12	0.0086785	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-200	200	250	0.000298	100.53	0.001195	No Result	2.5	0.008674	0.000298	0.000895	mg/Kg
KAFB-106127	KAFB-106127-250	250	300	0.000257	23.24	0.00103	No Result	2.71	0.0087285	0.000257	0.00077	mg/Kg
KAFB-106127	KAFB-106127-300	300	350	0.000266	36.01	0.001065	No Result	2.52	0.008483	0.000266	0.000795	mg/Kg
KAFB-106127	KAFB-106127-350	350	400	0.000745	89.23	0.00106	No Result	3.64	0.0089325	0.000265	0.000795	mg/Kg
KAFB-106127	KAFB-106127-400	400	450	0.000667	280.11	0.00102	No Result	4.4	0.0087275	0.000255	0.000765	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg
KAFB-106006	KAFB-106006-100	100	101	0.000305	15.17	0.00034	0.000435	No Result	0.00041	0.00045	0.000395	mg/Kg
KAFB-106006	KAFB-106006-120	120	121	0.00024	44.175	0.000265	0.00034	No Result	0.00032	0.00035	0.00031	mg/Kg
KAFB-106006	KAFB-106006-140	140	141	0.00027	14.42	0.0003	0.0028	No Result	0.033	0.006	0.012	mg/Kg
KAFB-106006	KAFB-106006-160	160	161	0.000255	12.175	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106006	KAFB-106006-180	180	181	0.00028	0.57	0.00031	0.0004	No Result	0.000375	0.00041	0.00036	mg/Kg
KAFB-106006	KAFB-106006-20	20	21	0.000225	141.49	0.00025	0.00032	No Result	0.0003	0.00033	0.00029	mg/Kg
KAFB-106006	KAFB-106006-200	200	201	0.00029	3.965	0.00032	0.00041	No Result	0.000385	0.000425	0.000375	mg/Kg
KAFB-106006	KAFB-106006-240	240	241	0.000325	31.98	0.00036	0.000465	No Result	0.0037	0.00048	0.00042	mg/Kg
KAFB-106006	KAFB-106006-280	280	281	0.000235	32.635	0.00026	0.000335	No Result	0.000315	0.00079	0.000305	mg/Kg
KAFB-106006	KAFB-106006-300	300	301	0.000255	120.165	0.00028	0.00036	No Result	0.0017	0.00037	0.00033	mg/Kg
KAFB-106006	KAFB-106006-380	380	381	0.0022	17.08	0.00033	0.000425	No Result	0.0004	0.0045	0.00039	mg/Kg
KAFB-106006	KAFB-106006-40	40	41	0.000235	63.775	0.00026	0.0031	No Result	0.00074	0.69	0.0031	mg/Kg
KAFB-106006	KAFB-106006-400	400	401	0.0016	0.525	0.00031	0.000395	No Result	0.000375	0.003	0.00036	mg/Kg
KAFB-106006	KAFB-106006-420	420	421	0.00026	0.52	0.000285	0.00037	No Result	0.000345	0.00094	0.000335	mg/Kg
KAFB-106006	KAFB-106006-440	440	441	0.0021	47.165	0.000275	0.000355	No Result	0.000335	0.0043	0.00032	mg/Kg
KAFB-106006	KAFB-106006-460	460	461	0.0019	0.52	0.00027	0.00035	No Result	0.00033	0.0046	0.0008	mg/Kg
KAFB-106006	KAFB-106006-480	480	481	0.0028	96.165	0.000305	0.0067	No Result	0.055	0.0078	0.04	mg/Kg
KAFB-106006	KAFB-106006-60	60	61	0.000245	28.17	0.000275	0.000355	No Result	0.0066	0.0025	0.00032	mg/Kg
KAFB-106006	KAFB-106006-80	80	81	0.000555	121.35	0.0003075	0.000395	No Result	0.0003725	0.0004075	0.00036	mg/Kg
KAFB-106007	KAFB-106007-100	100	101	0.087855	151.935	0.033028333	0.028588333	No Result	0.025781667	0.031625	0.085776667	mg/Kg
KAFB-106007	KAFB-106007-140	140	141	0.000285	0.66	0.000315	0.000405	No Result	0.00038	0.000415	0.00037	mg/Kg
KAFB-106007	KAFB-106007-160	160	161	0.00026	0.56	0.00029	0.000375	No Result	0.00035	0.000385	0.00034	mg/Kg
KAFB-106007	KAFB-106007-180	180	181	0.00034	5.12	0.000375	0.000485	No Result	0.000455	0.0005	0.00044	mg/Kg
KAFB-106007	KAFB-106007-20	20	21	0.00047	41.735	0.00026	0.0003325	No Result	0.0003125	0.0003425	0.0003025	mg/Kg
KAFB-106007	KAFB-106007-200	200	201	0.000295	343.34	0.000325	0.00042	No Result	0.000395	0.000435	0.000385	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106007	KAFB-106007-220	220	221	0.00026	2.49	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106007	KAFB-106007-240	240	241	0.000325	0.765	0.00036	0.000465	No Result	0.000435	0.000475	0.00042	mg/Kg
KAFB-106007	KAFB-106007-260	260	261	0.00032	1.175	0.000355	0.000455	No Result	0.00043	0.00047	0.000415	mg/Kg
KAFB-106007	KAFB-106007-280	280	281	0.000535	132.84	0.0002975	0.0003825	No Result	0.0003575	0.0003925	0.0003475	mg/Kg
KAFB-106007	KAFB-106007-300	300	301	0.00026	14.17	0.000285	0.00037	No Result	0.00035	0.00038	0.000335	mg/Kg
KAFB-106007	KAFB-106007-320	320	321	0.0075	2.905	0.000325	0.00042	No Result	0.000395	0.013	0.000385	mg/Kg
KAFB-106007	KAFB-106007-340	340	341	0.000255	1.965	0.00028	0.00036	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-380	380	381	0.00113	4.435	0.0002875	0.00037	No Result	0.0003475	0.00125	0.0003375	mg/Kg
KAFB-106007	KAFB-106007-40	40	41	0.00022	26.175	0.000245	0.000315	No Result	0.0003	0.000325	0.00029	mg/Kg
KAFB-106007	KAFB-106007-400	400	401	0.0053	2.57	0.000255	0.00033	No Result	0.00031	0.012	0.0012	mg/Kg
KAFB-106007	KAFB-106007-420	420	421	0.00025	13.165	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106007	KAFB-106007-440	440	441	0.00078	12.165	0.000295	0.00038	No Result	0.000355	0.0022	0.000345	mg/Kg
KAFB-106007	KAFB-106007-460	460	461	0.00028	1.27	0.00031	0.0004	No Result	0.000375	0.000415	0.000365	mg/Kg
KAFB-106007	KAFB-106007-480	480	481	0.000255	17.17	0.00028	0.00036	No Result	0.00034	0.0012	0.00033	mg/Kg
KAFB-106007	KAFB-106007-60	60	61	0.000255	0.525	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106007	KAFB-106007-80	80	81	0.00027	6.08	0.000295	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-100	100	101	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-120	120	121	0.000235	0.56	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106008	KAFB-106008-140	140	141	0.00049	2.17	0.00027	0.0003475	No Result	0.0003275	0.00036	0.0003175	mg/Kg
KAFB-106008	KAFB-106008-160	160	161	0.000255	6.38	0.00028	0.000365	No Result	0.00034	0.000375	0.00033	mg/Kg
KAFB-106008	KAFB-106008-180	180	181	0.07733	191.43	0.026385	0.02171	No Result	0.01827	0.025313333	0.063766667	mg/Kg
KAFB-106008	KAFB-106008-20	20	21	0.00022	4.885	0.000245	0.000315	No Result	0.000295	0.000325	0.000285	mg/Kg
KAFB-106008	KAFB-106008-200	200	201	0.00026	14.17	0.000285	0.00037	No Result	0.000345	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-220	220	221	0.000615	17.235	0.0003375	0.0004375	No Result	0.0004125	0.0004475	0.0003975	mg/Kg
KAFB-106008	KAFB-106008-240	240	241	0.000395	6.905	0.000435	0.00055	No Result	0.00055	0.0006	0.0005	mg/Kg
KAFB-106008	KAFB-106008-260	260	261	0.00036	1.235	0.0004	0.0005	No Result	0.00048	0.00055	0.000465	mg/Kg
KAFB-106008	KAFB-106008-280	280	281	0.00027	1.27	0.0003	0.000385	No Result	0.00036	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-300	300	301	0.00026	6.27	0.000285	0.00037	No Result	0.00091	0.00038	0.000335	mg/Kg
KAFB-106008	KAFB-106008-320	320	321	0.00023	8.47	0.000255	0.00033	No Result	0.0012	0.00034	0.0003	mg/Kg
KAFB-106008	KAFB-106008-340	340	341	0.00027	5.365	0.000295	0.000385	No Result	0.00072	0.000395	0.00035	mg/Kg
KAFB-106008	KAFB-106008-380	380	381	0.000285	1.27	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106008	KAFB-106008-40	40	41	0.000215	0.575	0.00024	0.00031	No Result	0.00029	0.00032	0.00028	mg/Kg
KAFB-106008	KAFB-106008-400	400	401	0.00086	0.52	0.000275	0.000355	No Result	0.000335	0.002	0.000325	mg/Kg
KAFB-106008	KAFB-106008-420	420	421	0.00026	0.51	0.00029	0.000375	No Result	0.00035	0.00078	0.00034	mg/Kg
KAFB-106008	KAFB-106008-440	440	441	0.001	3.665	0.0003	0.000385	No Result	0.000365	0.002	0.00035	mg/Kg
KAFB-106008	KAFB-106008-460	460	461	0.141	196.5	0.039133333	0.040966667	No Result	0.048166667	0.0908	0.157666667	mg/Kg
KAFB-106008	KAFB-106008-480	480	481	0.0047	15.17	0.000285	0.00091	No Result	0.0015	0.012	0.0038	mg/Kg
KAFB-106008	KAFB-106008-60	60	61	0.000225	0.565	0.00025	0.000325	No Result	0.000305	0.000335	0.000295	mg/Kg
KAFB-106008	KAFB-106008-80	80	81	0.00023	0.605	0.000255	0.000325	No Result	0.00031	0.000335	0.0003	mg/Kg
KAFB-106009	KAFB-106009-100	100	101	0.000255	8.375	0.00028	0.00036	No Result	0.00034	0.00037	0.00033	mg/Kg
KAFB-106009	KAFB-106009-160	160	161	0.000225	140.175	0.00025	0.00032	No Result	0.00074	0.00033	0.00029	mg/Kg
KAFB-106009	KAFB-106009-200	200	201	0.000285	4.685	0.000315	0.000405	No Result	0.000385	0.00042	0.00037	mg/Kg
KAFB-106009	KAFB-106009-360	360	361	0.00024	2.6	0.000265	0.000345	No Result	0.000325	0.000355	0.000315	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106009	KAFB-106009-400	400	401	0.09237	115.61	0.0337	0.032328333	No Result	0.028653333	0.036031667	0.09645	mg/Kg
KAFB-106009	KAFB-106009-460	460	461	0.00026	25.53	0.00029	0.00037	No Result	0.00035	0.00038	0.00034	mg/Kg
KAFB-106009	KAFB-106009-60	60	61	0.000485	12.49	0.00027	0.000345	No Result	0.000325	0.000355	0.0003125	mg/Kg
KAFB-106010	KAFB-106010-100	100	101	0.000245	0.535	0.00027	0.00035	No Result	0.00033	0.00036	0.00032	mg/Kg
KAFB-106010	KAFB-106010-160	160	161	0.000265	0.53	0.000295	0.00038	No Result	0.000355	0.00039	0.000345	mg/Kg
KAFB-106010	KAFB-106010-200	200	201	0.000275	2.48	0.000305	0.000395	No Result	0.00037	0.000405	0.00036	mg/Kg
KAFB-106010	KAFB-106010-360	360	361	0.00025	1.67	0.00028	0.00036	No Result	0.000335	0.00037	0.000325	mg/Kg
KAFB-106010	KAFB-106010-400	400	401	0.093655	107.865	0.036528333	0.034388333	No Result	0.028615	0.037258333	0.101778333	mg/Kg
KAFB-106010	KAFB-106010-460	460	461	0.00102	4.015	0.0002775	0.0003575	No Result	0.0005325	0.00185	0.0007125	mg/Kg
KAFB-106010	KAFB-106010-80	80	81	0.000235	12.88	0.00026	0.000335	No Result	0.000315	0.000345	0.000305	mg/Kg
KAFB-106061	KAFB-106061-0	0	10	0.000422	9.19	0.001195	0.000357	4.81	0.0090995	0.000299	0.000895	mg/Kg
KAFB-106061	KAFB-106061-10	10	20	0.00412	69.425	0.00111	0.000958	11.9	0.01434	0.00374	0.00701	mg/Kg
KAFB-106061	KAFB-106061-101	101	150	0.00028	2.685	0.00112	0.00028	5.26	0.009115	0.00109	0.00084	mg/Kg
KAFB-106061	KAFB-106061-151	151	200	0.00946	3.67	0.00101	0.000252	5.74	0.008801	0.0442	0.00076	mg/Kg
KAFB-106061	KAFB-106061-201	201	250	0.911	12.22	0.0785	0.0486	10.4	0.0215	2.74	0.0982	mg/Kg
KAFB-106061	KAFB-106061-21	21	30	0.000478	35.935	0.00109	0.000272	6.53	0.009511	0.000272	0.000815	mg/Kg
KAFB-106061	KAFB-106061-251	251	300	0.000332	16.02	0.00106	0.000283	2.04	0.0087325	0.000955	0.000795	mg/Kg
KAFB-106061	KAFB-106061-301	301	350	0.000619	11.285	0.001125	0.000279	2.76	0.0084905	0.00202	0.000845	mg/Kg
KAFB-106061	KAFB-106061-31	31	40	0.000396	2.66	0.000955	0.000239	7.95	0.0094195	0.000239	0.000715	mg/Kg
KAFB-106061	KAFB-106061-351	351	400	0.000585	6.16	0.00101	0.000229	2.29	0.0086765	0.00178	0.00076	mg/Kg
KAFB-106061	KAFB-106061-401	401	450	0.0113	3.2	0.00091	0.00225	7.9	0.0097385	0.0284	0.00878	mg/Kg
KAFB-106061	KAFB-106061-41	41	50	0.000758	10.45	0.001265	0.000669	5.76	0.008958	0.000944	0.00095	mg/Kg
KAFB-106061	KAFB-106061-451	451	500	0.000984	17.137	0.00113	0.00202	2.27	0.010066	0.0053	0.00863	mg/Kg
KAFB-106061	KAFB-106061-501	501	550	0.00147	10.275	0.0059	0.00544	2.47	0.011035	0.00519	0.004415	mg/Kg
KAFB-106061	KAFB-106061-51	51	100	0.000316	4.525	0.001265	0.000316	4.06	0.008858	0.000316	0.00095	mg/Kg
KAFB-106061	KAFB-106061-551	551	600	0.000282	5.985	0.00105	0.00215	2.93	0.010081	0.00128	0.00079	mg/Kg
KAFB-106061	KAFB-106061-600	600	620	0.000292	3.63	0.00117	0.00161	2.62	0.010521	0.00102	0.000875	mg/Kg
KAFB-106062	KAFB-106062-0	0	10	0.000959	2.565	0.00278	0.000555	4.92	0.009098	0.000348	0.000866	mg/Kg
KAFB-106062	KAFB-106062-100	100	150	0.000892	3.425	0.00125	0.000313	6.43	0.0090815	0.00147	0.00094	mg/Kg
KAFB-106062	KAFB-106062-11	11	20	0.00352	3.17	0.001155	0.00096	8.81	0.0089445	0.00418	0.00349	mg/Kg
KAFB-106062	KAFB-106062-150	150	200	0.000297	20.315	0.00119	0.000297	3.28	0.0086985	0.000297	0.00089	mg/Kg
KAFB-106062	KAFB-106062-201	201	250	0.000143	3.405	0.00086	0.000208	4.49	0.008757	0.000214	0.000645	mg/Kg
KAFB-106062	KAFB-106062-21	21	30	0.00122	5.295	0.001345	0.000487	8.85	0.010293	0.000336	0.000856	mg/Kg
KAFB-106062	KAFB-106062-251	251	300	0.000224	2.135	0.00124	0.00031	3.8	0.009005	0.00031	0.00093	mg/Kg
KAFB-106062	KAFB-106062-301	301	350	0.0137	15.825	0.000925	0.00224	16.2	0.0107905	0.0792	0.00387	mg/Kg
KAFB-106062	KAFB-106062-31	31	40	0.000493	36.215	0.001575	0.000885	5.71	0.0091465	0.000393	0.00118	mg/Kg
KAFB-106062	KAFB-106062-351	351	400	0.000282	10.175	0.00113	0.000282	2.84	0.008791	0.000282	0.000845	mg/Kg
KAFB-106062	KAFB-106062-401	401	450	0.000285	6.83	0.00114	0.000285	2.6	0.0087175	0.000285	0.000855	mg/Kg
KAFB-106062	KAFB-106062-41	41	50	0.00023	37.04	0.00092	0.00023	6.18	0.008865	0.000897	0.00069	mg/Kg
KAFB-106062	KAFB-106062-451	451	500	0.897	540	0.113	4.35	1.98	0.9695	12.5	15.7	mg/Kg
KAFB-106062	KAFB-106062-501	501	550	0.000979	4.69	0.0011	0.000275	2.13	0.0103375	0.000275	0.000825	mg/Kg
KAFB-106062	KAFB-106062-51	51	100	0.000269	340.075	0.00108	0.000269	9.11	0.0092095	0.000269	0.00081	mg/Kg
KAFB-106062	KAFB-106062-550	550	600	0.000147	21.895	0.001095	0.000274	2.07	0.011037	0.000274	0.00082	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106078	KAFB-106078-0	0	10	0.000305	5.655	0.00122	0.00204	5.14	0.0101025	0.000305	0.000915	mg/Kg
KAFB-106078	KAFB-106078-101	101	150	0.000224	11.025	0.000895	0.000224	5.05	0.009262	0.00255	0.00067	mg/Kg
KAFB-106078	KAFB-106078-11	11	20	0.00028	39.615	0.00112	0.00169	4.97	0.00914	0.00028	0.00084	mg/Kg
KAFB-106078	KAFB-106078-151	151	200	0.000285	25.595	0.00114	0.00285	3.13	0.0086925	0.000285	0.000855	mg/Kg
KAFB-106078	KAFB-106078-200	200	250	0.0159	7.51	0.001185	0.00618	9.57	0.010723	0.00613	0.00089	mg/Kg
KAFB-106078	KAFB-106078-21	21	30	0.00317	2.14	0.00115	0.00185	7.87	0.0095435	0.00615	0.00643	mg/Kg
KAFB-106078	KAFB-106078-250	250	300	0.0227	4.92	0.001255	0.00132	3.92	0.0083815	0.0321	0.011	mg/Kg
KAFB-106078	KAFB-106078-300	300	350	0.0065	113.155	0.001175	0.000294	2.44	0.008622	0.0119	0.00443	mg/Kg
KAFB-106078	KAFB-106078-31	31	40	0.000537	25.4	0.00098	0.00115	4.94	0.009222	0.000244	0.000735	mg/Kg
KAFB-106078	KAFB-106078-350	350	400	0.0137	28.58	0.055	0.0137	2.91	0.015475	0.0137	0.04115	mg/Kg
KAFB-106078	KAFB-106078-400	400	450	2.76	1332	1.115	4.19	2.56	1.775	20.5	20.2	mg/Kg
KAFB-106078	KAFB-106078-41	41	50	0.000571	6.68	0.001185	0.000957	6.31	0.0090725	0.000295	0.000885	mg/Kg
KAFB-106078	KAFB-106078-450	450	500	0.000552	476.37	0.00103	0.00221	3.79	0.0099035	0.00257	0.0024	mg/Kg
KAFB-106078	KAFB-106078-500	500	550	0.000692	9.865	0.001005	0.0016	6.41	0.0113255	0.00128	0.000521	mg/Kg
KAFB-106078	KAFB-106078-51	51	100	0.000344	35.37	0.00138	0.000344	3.92	0.008647	0.000344	0.001035	mg/Kg
KAFB-106078	KAFB-106078-550	550	600	0.00024	6.3	0.000965	0.00116	2.11	0.02197	0.000685	0.00072	mg/Kg
KAFB-106081	KAFB-106081-0	0	10	0.00189	9.42	0.000905	0.0018	6.38	0.008713	0.00307	0.00236	mg/Kg
KAFB-106081	KAFB-106081-10	10	20	0.00303	27.2	0.001025	0.00233	8.96	0.008953	0.00464	0.0035	mg/Kg
KAFB-106081	KAFB-106081-100	100	150	0.000219	16.91	0.000945	0.00123	5.43	0.009143	0.000562	0.00071	mg/Kg
KAFB-106081	KAFB-106081-150	150	200	0.000296	14.83	0.001185	0.000739	3.93	0.008623	0.000325	0.00089	mg/Kg
KAFB-106081	KAFB-106081-20	20	30	0.00107	25.35	0.001005	0.00175	6.7	0.0087755	0.00181	0.00118	mg/Kg
KAFB-106081	KAFB-106081-200	200	250	0.000261	7.445	0.001045	0.00102	5.76	0.0087305	0.000261	0.000785	mg/Kg
KAFB-106081	KAFB-106081-250	250	300	0.000261	10.89	0.001045	0.000777	3.2	0.0086805	0.000344	0.000785	mg/Kg
KAFB-106081	KAFB-106081-30	30	40	0.000225	31.37	0.0009	0.00139	6.28	0.0087125	0.000225	0.000675	mg/Kg
KAFB-106081	KAFB-106081-300	300	350	0.000347	36.945	0.00105	0.000427	5.14	0.009206	0.000788	0.00079	mg/Kg
KAFB-106081	KAFB-106081-350	350	400	0.000318	7.395	0.001275	0.000751	2.76	0.008484	0.000318	0.000955	mg/Kg
KAFB-106081	KAFB-106081-40	40	50	0.00021	52.83	0.00084	0.00137	5.04	0.008605	0.00061	0.00063	mg/Kg
KAFB-106081	KAFB-106081-400	400	450	0.886	11.76	0.054	0.071	6.25	0.0162	1.46	0.403	mg/Kg
KAFB-106081	KAFB-106081-450	450	500	1.56	40.1	0.055	0.238	1.65	0.01665	2.49	0.84	mg/Kg
KAFB-106081	KAFB-106081-50	50	100	0.000229	12.025	0.00092	0.00123	3.54	0.0084895	0.000381	0.00069	mg/Kg
KAFB-106081	KAFB-106081-500	500	550	0.000222	87.055	0.000885	0.0014	2.52	0.010486	0.000222	0.000665	mg/Kg
KAFB-106081	KAFB-106081-550	550	600	0.000512	5.92	0.0011	0.00195	1.67	0.0100375	0.000275	0.000825	mg/Kg
KAFB-106081	KAFB-106081-600	600	617	0.000339	122.77	0.00136	0.00242	2.32	0.0111445	0.000339	0.00102	mg/Kg
KAFB-106108	KAFB-106108-0	0	10	0.00186	2.265	0.0011	0.000274	6.63	0.009062	0.00315	0.000825	mg/Kg
KAFB-106108	KAFB-106108-101	101	150	0.000469	16.345	0.001185	0.000296	2.73	0.008573	0.000767	0.00089	mg/Kg
KAFB-106108	KAFB-106108-11	11	20	0.00106	2.745	0.00093	0.000232	5.7	0.008916	0.00167	0.000695	mg/Kg
KAFB-106108	KAFB-106108-151	151	200	0.000759	16.59	0.001185	0.000297	3.83	0.0084985	0.00117	0.00089	mg/Kg
KAFB-106108	KAFB-106108-201	201	250	0.00443	6.645	0.00127	0.000318	2.72	0.008809	0.0111	0.000955	mg/Kg
KAFB-106108	KAFB-106108-21	21	30	0.000285	2.24	0.00114	0.000285	6.7	0.0095425	0.000666	0.000855	mg/Kg
KAFB-106108	KAFB-106108-251	251	300	0.00131	6.595	0.00107	0.000267	2.95	0.0085585	0.00238	0.0008	mg/Kg
KAFB-106108	KAFB-106108-301	301	350	0.000502	25.515	0.001125	0.000281	4.28	0.0085405	0.00178	0.000845	mg/Kg
KAFB-106108	KAFB-106108-31	31	40	0.000303	8.51	0.001215	0.000303	5	0.0090765	0.000303	0.00091	mg/Kg
KAFB-106108	KAFB-106108-351	351	400	0.00065	22.025	0.001025	0.000255	2.72	0.0084275	0.00211	0.000765	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106108	KAFB-106108-401	401	450	0.00051	26.255	0.00103	0.000257	3.07	0.0087285	0.00151	0.00077	mg/Kg
KAFB-106108	KAFB-106108-41	41	50	0.00158	2.07	0.001925	0.000481	7.38	0.0089405	0.00296	0.001445	mg/Kg
KAFB-106108	KAFB-106108-51	51	100	0.00113	7.98	0.001465	0.00322	2.86	0.0085085	0.00314	0.0011	mg/Kg
KAFB-106109	KAFB-106109-0	0	10	0.00613	13.575	0.000318	0.000318	7.26	0.0095125	0.0076	0.0133	mg/Kg
KAFB-106109	KAFB-106109-101	101	150	0.000289	4.495	0.000289	0.000289	10.7	0.010155	0.00188	0.00087	mg/Kg
KAFB-106109	KAFB-106109-11	11	20	0.000275	11.27	0.000275	0.000275	7.33	0.00975	0.000275	0.000825	mg/Kg
KAFB-106109	KAFB-106109-151	151	200	0.00031	17.565	0.00031	0.00031	7.98	0.009295	0.00031	0.00093	mg/Kg
KAFB-106109	KAFB-106109-201	201	250	0.00505	4.91	0.000383	0.000383	8.86	0.0108675	0.00922	0.00115	mg/Kg
KAFB-106109	KAFB-106109-21	21	30	0.000291	4.595	0.000291	0.000291	7.34	0.0096825	0.000291	0.000875	mg/Kg
KAFB-106109	KAFB-106109-251	251	300	0.000248	10.655	0.000248	0.000248	5.4	0.0089725	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-300	300	350	0.000298	17.91	0.000298	0.000298	3.29	0.0089225	0.000298	0.000895	mg/Kg
KAFB-106109	KAFB-106109-31	31	40	0.000316	4.68	0.000316	0.000316	4.5	0.0092825	0.000316	0.00095	mg/Kg
KAFB-106109	KAFB-106109-350	350	400	0.000293	25.375	0.000293	0.000293	2.69	0.00896	0.000293	0.00088	mg/Kg
KAFB-106109	KAFB-106109-400	400	450	0.000289	3.38	0.000289	0.000289	1.35	0.00903	0.000289	0.00087	mg/Kg
KAFB-106109	KAFB-106109-41	41	50	0.000248	17.965	0.000248	0.000248	4.57	0.0090225	0.000248	0.000745	mg/Kg
KAFB-106109	KAFB-106109-50	50	100	0.00138	4.52	0.000276	0.000276	6.29	0.0096525	0.00224	0.00083	mg/Kg
KAFB-106110	KAFB-106110-0	0	10	0.00152	25.435	0.001375	0.000343	7.74	0.0089965	0.000343	0.00103	mg/Kg
KAFB-106110	KAFB-106110-101	101	150	0.000275	5.825	0.001105	0.000275	4.59	0.0093125	0.000275	0.000825	mg/Kg
KAFB-106110	KAFB-106110-11	11	20	0.00051	10.41	0.00204	0.00051	5.02	0.00873	0.00051	0.00153	mg/Kg
KAFB-106110	KAFB-106110-151	151	200	0.000395	6.64	0.00158	0.000395	5.55	0.0094475	0.0017	0.001185	mg/Kg
KAFB-106110	KAFB-106110-201	201	250	0.000435	11.16	0.00174	0.000435	4.01	0.0098175	0.00153	0.001305	mg/Kg
KAFB-106110	KAFB-106110-21	21	30	0.000625	25.015	0.002505	0.000625	5.64	0.0090875	0.000625	0.00188	mg/Kg
KAFB-106110	KAFB-106110-251	251	300	0.000227	19.31	0.00091	0.000227	2.98	0.0086135	0.000227	0.00068	mg/Kg
KAFB-106110	KAFB-106110-301	301	350	0.000323	12.795	0.001295	0.000323	2.81	0.0084615	0.000323	0.00097	mg/Kg
KAFB-106110	KAFB-106110-31	31	40	0.000364	26.935	0.001455	0.000364	4.9	0.008732	0.000364	0.001095	mg/Kg
KAFB-106110	KAFB-106110-351	351	400	0.000299	9.75	0.0012	0.000299	2.37	0.0086245	0.000299	0.0009	mg/Kg
KAFB-106110	KAFB-106110-401	401	450	0.00578	20.835	0.0009	0.000225	1.59	0.0087375	0.0138	0.000675	mg/Kg
KAFB-106110	KAFB-106110-41	41	50	0.00058	21.27	0.002315	0.00058	7.68	0.00909	0.00058	0.001735	mg/Kg
KAFB-106110	KAFB-106110-51	51	100	0.000347	13.705	0.00139	0.000347	4.05	0.0086485	0.000347	0.00104	mg/Kg
KAFB-106111	KAFB-106111-0	0	10	0.000426	58.46	0.001155	0.000289	6.97	0.0088945	0.000289	0.000865	mg/Kg
KAFB-106111	KAFB-106111-101	101	150	0.000433	6.44	0.00128	0.00032	2.26	0.00876	0.00032	0.00096	mg/Kg
KAFB-106111	KAFB-106111-11	11	20	0.000319	10.435	0.001355	0.000338	3.59	0.008944	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-151	151	200	0.00022	6.6	0.001355	0.000338	3.03	0.008519	0.000338	0.001015	mg/Kg
KAFB-106111	KAFB-106111-201	201	250	0.00066	16.25	0.001355	0.000339	3.63	0.0086945	0.000708	0.001015	mg/Kg
KAFB-106111	KAFB-106111-21	21	30	0.000268	5.26	0.001075	0.000268	6.18	0.009134	0.000268	0.000805	mg/Kg
KAFB-106111	KAFB-106111-251	251	300	0.000528	23.76	0.002405	0.0006	4.27	0.008725	0.0006	0.001805	mg/Kg
KAFB-106111	KAFB-106111-301	301	350	0.00029	19.31	0.001405	0.000351	2.42	0.0086505	0.000351	0.001055	mg/Kg
KAFB-106111	KAFB-106111-31	31	40	0.000571	6.02	0.00123	0.000307	3.97	0.0089285	0.000307	0.000925	mg/Kg
KAFB-106111	KAFB-106111-351	351	400	0.00488	19.38	0.001235	0.000309	3.41	0.0087795	0.0108	0.00586	mg/Kg
KAFB-106111	KAFB-106111-401	401	450	0.00231	5.72	0.00099	0.000247	3.32	0.0088235	0.00307	0.00487	mg/Kg
KAFB-106111	KAFB-106111-41	41	50	0.000597	14.075	0.00138	0.000344	5.07	0.009122	0.000344	0.001035	mg/Kg
KAFB-106111	KAFB-106111-51	51	100	0.00196	9.605	0.001305	0.000326	3.58	0.008888	0.00655	0.00777	mg/Kg
KAFB-106112	KAFB-106112-0	0	10	0.00121	15.43	0.00106	0.000265	4.71	0.0088825	0.00198	0.000795	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106112	KAFB-106112-101	101	150	0.000164	4.27	0.000745	0.000186	2.22	0.008393	0.000288	0.00056	mg/Kg
KAFB-106112	KAFB-106112-11	11	20	0.00646	3.535	0.001255	0.000313	7.44	0.0098065	0.00907	0.00787	mg/Kg
KAFB-106112	KAFB-106112-151	151	200	0.000163	2.27	0.000885	0.000221	4.15	0.0087855	0.00024	0.000665	mg/Kg
KAFB-106112	KAFB-106112-201	201	250	0.0292	7.245	0.001595	0.00235	8.63	0.0111995	0.105	0.00224	mg/Kg
KAFB-106112	KAFB-106112-21	21	30	0.00319	1.91	0.001445	0.000361	7.57	0.0097055	0.0041	0.001085	mg/Kg
KAFB-106112	KAFB-106112-251	251	300	0.00674	2.065	0.00103	0.000257	2.19	0.0085785	0.0125	0.00077	mg/Kg
KAFB-106112	KAFB-106112-301	301	350	0.0252	2.17	0.00117	0.00132	2.5	0.008721	0.0414	0.00194	mg/Kg
KAFB-106112	KAFB-106112-31	31	40	0.000287	18.205	0.00115	0.000287	5.55	0.0091935	0.0013	0.00086	mg/Kg
KAFB-106112	KAFB-106112-351	351	400	0.0182	17.2	0.001335	0.000333	2.07	0.0086415	0.0239	0.00206	mg/Kg
KAFB-106112	KAFB-106112-401	401	450	0.645	3.21	0.054	0.0776	3.43	0.016225	1.32	0.122	mg/Kg
KAFB-106112	KAFB-106112-41	41	50	0.000373	4.12	0.001085	0.000271	3.83	0.0089105	0.000778	0.000815	mg/Kg
KAFB-106112	KAFB-106112-51	51	100	0.000423	2.52	0.001335	0.000334	6.43	0.008842	0.000821	0.001005	mg/Kg
KAFB-106113	KAFB-106113-10	10	13	0.002601	20.785	0.000342	0.000342	5	0.0097225	0.002035	0.0010275	mg/Kg
KAFB-106113	KAFB-106113-100	100	103	0.000638	73.365	0.000319	0.000319	6.47	0.00972625	0.000891	0.00096	mg/Kg
KAFB-106113	KAFB-106113-150	150	200	0.000282	3.165	0.000282	0.000282	2.97	0.0090375	0.000282	0.000845	mg/Kg
KAFB-106113	KAFB-106113-20	20	23	0.000571	92.61	0.000229	0.000229	6.23	0.0092575	0.00105	0.00069	mg/Kg
KAFB-106113	KAFB-106113-201	201	250	0.000498	115.15	0.000498	0.000498	20.9	0.0121725	0.000498	0.001495	mg/Kg
KAFB-106113	KAFB-106113-250	250	300	0.000273	91.015	0.000273	0.000273	2.46	0.008895	0.000273	0.00082	mg/Kg
KAFB-106113	KAFB-106113-30	30	31	0.000312	10.95	0.000312	0.000312	7.3	0.0103	0.000312	0.00094	mg/Kg
KAFB-106113	KAFB-106113-300	300	350	0.000294	23.225	0.000294	0.000294	3.25	0.0091125	0.000294	0.000885	mg/Kg
KAFB-106113	KAFB-106113-350	350	400	0.000722	24.52	0.000212	0.000212	2.77	0.008775	0.0014	0.00064	mg/Kg
KAFB-106113	KAFB-106113-40	40	41	0.000371	9	0.000266	0.000266	6.48	0.0097075	0.000266	0.0008	mg/Kg
KAFB-106113	KAFB-106113-400	400	450	0.00112	29.025	0.000214	0.000214	2.36	0.0089275	0.00135	0.00064	mg/Kg
KAFB-106113	KAFB-106113-50	50	52	0.000339	440.34	0.000339	0.000339	6.81	0.009855	0.000339	0.00102	mg/Kg
KAFB-106114	KAFB-106114-0	0	10	0.000326	6.315	0.001305	0.000326	5.22	0.009213	0.000326	0.00098	mg/Kg
KAFB-106114	KAFB-106114-100	100	150	0.000286	9.4	0.001145	0.000286	3.99	0.009368	0.00137	0.00086	mg/Kg
KAFB-106114	KAFB-106114-11	11	20	0.000294	4.695	0.00118	0.000294	5.2	0.009147	0.000568	0.000885	mg/Kg
KAFB-106114	KAFB-106114-150	150	200	0.000174	17.005	0.00116	0.00029	3.28	0.008995	0.0005	0.00087	mg/Kg
KAFB-106114	KAFB-106114-200	200	250	0.00149	6.16	0.001435	0.00302	7.5	0.010904	0.00331	0.00146	mg/Kg
KAFB-106114	KAFB-106114-21	21	30	0.00287	2.985	0.00125	0.000312	7.3	0.009331	0.0028	0.00277	mg/Kg
KAFB-106114	KAFB-106114-250	250	300	0.0013	55.255	0.00259	0.00065	3.75	0.0087	0.000978	0.001945	mg/Kg
KAFB-106114	KAFB-106114-301	301	350	0.0024	4.455	0.001115	0.000278	2.3	0.008689	0.00224	0.000835	mg/Kg
KAFB-106114	KAFB-106114-31	31	40	0.000246	2.05	0.000985	0.000246	5.03	0.009248	0.000246	0.00074	mg/Kg
KAFB-106114	KAFB-106114-351	351	400	0.011	12.655	0.00103	0.000257	2.58	0.0085285	0.0168	0.000775	mg/Kg
KAFB-106114	KAFB-106114-401	401	450	0.00401	7.27	0.00106	0.000264	1.82	0.008632	0.00687	0.000795	mg/Kg
KAFB-106114	KAFB-106114-41	41	50	0.00028	3	0.00112	0.00028	4.63	0.009315	0.00028	0.00084	mg/Kg
KAFB-106114	KAFB-106114-51	51	100	0.000292	2.04	0.00117	0.000292	7.36	0.009346	0.000292	0.000875	mg/Kg
KAFB-106115	KAFB-106115-0	0	10	0.000212	3.37	0.00085	0.000212	3.75	0.009131	0.000212	0.000635	mg/Kg
KAFB-106115	KAFB-106115-101	101	150	0.000385	14.205	0.00154	0.000385	3.74	0.0089925	0.000385	0.001155	mg/Kg
KAFB-106115	KAFB-106115-11	11	20	0.000291	6.065	0.001165	0.000291	6.12	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106115	KAFB-106115-151	151	200	0.00121	6.215	0.001055	0.000264	11.5	0.008832	0.00171	0.00079	mg/Kg
KAFB-106115	KAFB-106115-201	201	250	0.000273	4.645	0.00109	0.000273	2.85	0.0091615	0.00037	0.00082	mg/Kg
KAFB-106115	KAFB-106115-21	21	30	0.00314	7.17	0.00148	0.00037	8.16	0.010435	0.00383	0.00347	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106115	KAFB-106115-251	251	300	0.000619	9.905	0.00112	0.00028	2.78	0.008665	0.00102	0.00084	mg/Kg
KAFB-106115	KAFB-106115-301	301	350	0.000836	11.92	0.00152	0.00038	6.19	0.00864	0.00142	0.00114	mg/Kg
KAFB-106115	KAFB-106115-31	31	40	0.000242	97.02	0.00097	0.000242	5.42	0.009271	0.000242	0.000725	mg/Kg
KAFB-106115	KAFB-106115-351	351	400	0.00124	5.52	0.001035	0.000259	2.92	0.0086045	0.00266	0.00078	mg/Kg
KAFB-106115	KAFB-106115-401	401	450	0.00233	17.8	0.00289	0.000361	2.92	0.008836	0.00518	0.001085	mg/Kg
KAFB-106115	KAFB-106115-41	41	50	0.000285	14.835	0.00114	0.000285	6.2	0.0093675	0.000285	0.000855	mg/Kg
KAFB-106115	KAFB-106115-51	51	100	0.000263	9.11	0.001055	0.000263	3.5	0.0089565	0.000263	0.00079	mg/Kg
KAFB-106116	KAFB-106116-0	0	10	0.00259	9.49	0.001335	0.000956	4.45	0.0087665	0.00301	0.0071	mg/Kg
KAFB-106116	KAFB-106116-101	101	150	0.00305	13.68	0.001065	0.000266	2.38	0.008758	0.00156	0.0008	mg/Kg
KAFB-106116	KAFB-106116-11	11	20	0.000478	6.14	0.00141	0.000793	8.91	0.009851	0.000352	0.001055	mg/Kg
KAFB-106116	KAFB-106116-151	151	200	0.000453	14.8	0.001815	0.000453	2.78	0.0089765	0.000453	0.00136	mg/Kg
KAFB-106116	KAFB-106116-201	201	250	0.0125	9.19	0.002075	0.00052	7.74	0.01076	0.0287	0.00156	mg/Kg
KAFB-106116	KAFB-106116-21	21	30	0.00284	20.28	0.00125	0.000312	6.79	0.009131	0.000312	0.000935	mg/Kg
KAFB-106116	KAFB-106116-251	251	300	0.0254	50.84	0.001595	0.000399	5.1	0.0087495	0.0268	0.001195	mg/Kg
KAFB-106116	KAFB-106116-301	301	350	0.00621	5.39	0.001115	0.000278	2.04	0.008614	0.00684	0.000835	mg/Kg
KAFB-106116	KAFB-106116-31	31	40	0.000695	17.54	0.00105	0.000624	6.15	0.009306	0.000262	0.000537	mg/Kg
KAFB-106116	KAFB-106116-351	351	400	0.0057	5.305	0.00138	0.000345	2.46	0.0087475	0.00726	0.001035	mg/Kg
KAFB-106116	KAFB-106116-401	401	450	0.00623	3.365	0.00112	0.000279	3.94	0.01585	0.0091	0.00903	mg/Kg
KAFB-106116	KAFB-106116-41	41	50	0.000809	9.945	0.001415	0.000495	5.97	0.0091265	0.000353	0.00106	mg/Kg
KAFB-106116	KAFB-106116-51	51	100	0.000439	32.605	0.001755	0.000439	7.47	0.0096695	0.000439	0.001315	mg/Kg
KAFB-106117	KAFB-106117-0	0	10	0.00113	31.52	0.00465	0.000702	5.52	0.009555	0.00058	0.00111	mg/Kg
KAFB-106117	KAFB-106117-101	101	150	0.000487	21.255	0.00221	0.000362	5.67	0.0094515	0.000276	0.00083	mg/Kg
KAFB-106117	KAFB-106117-11	11	20	0.00281	8.02	0.0031	0.00115	9.79	0.009512	0.00182	0.00207	mg/Kg
KAFB-106117	KAFB-106117-151	151	200	0.000545	28.61	0.00218	0.000657	2.48	0.0090225	0.000545	0.001635	mg/Kg
KAFB-106117	KAFB-106117-201	201	250	0.284	21.14	0.076	0.01895	7.42	0.0193	0.691	0.057	mg/Kg
KAFB-106117	KAFB-106117-21	21	30	0.00263	53.41	0.00284	0.000683	6.36	0.009455	0.0022	0.00206	mg/Kg
KAFB-106117	KAFB-106117-251	251	300	0.0709	29.355	0.00387	0.00608	5.36	0.0088425	0.111	0.0261	mg/Kg
KAFB-106117	KAFB-106117-301	301	350	0.0229	14.83	0.00243	0.00117	2	0.014875	0.0336	0.00816	mg/Kg
KAFB-106117	KAFB-106117-31	31	40	0.00144	18.595	0.00364	0.000694	7.15	0.009855	0.000455	0.00112	mg/Kg
KAFB-106117	KAFB-106117-351	351	400	0.0222	7.235	0.00218	0.00115	2.4	0.0086575	0.0296	0.0086	mg/Kg
KAFB-106117	KAFB-106117-401	401	450	0.00818	15.365	0.001155	0.000868	1.89	0.015325	0.012	0.00911	mg/Kg
KAFB-106117	KAFB-106117-41	41	50	0.000517	281.715	0.00133	0.000671	6.18	0.0091915	0.000333	0.001	mg/Kg
KAFB-106117	KAFB-106117-51	51	100	0.000283	17.19	0.00227	0.000283	2.91	0.0088835	0.000283	0.00085	mg/Kg
KAFB-106118	KAFB-106118-0	0	10	0.0003	46.68	0.0012	0.0003	4.72	0.009	0.0003	0.0009	mg/Kg
KAFB-106118	KAFB-106118-101	101	150	0.00047	2.49	0.001185	0.000296	4.45	0.008998	0.000296	0.00089	mg/Kg
KAFB-106118	KAFB-106118-11	11	20	0.00336	30.425	0.00133	0.000332	7.75	0.010041	0.00279	0.000995	mg/Kg
KAFB-106118	KAFB-106118-151	151	200	0.000152	4.915	0.00112	0.000279	2.92	0.0086395	0.000279	0.00084	mg/Kg
KAFB-106118	KAFB-106118-20	20	30	0.00133	14.59	0.00133	0.000332	7.36	0.009466	0.000643	0.000995	mg/Kg
KAFB-106118	KAFB-106118-201	201	250	0.00337	3.685	0.001295	0.000323	5.87	0.0088365	0.0113	0.00097	mg/Kg
KAFB-106118	KAFB-106118-251	251	300	0.000359	7.385	0.001105	0.000276	2.66	0.008513	0.000276	0.00083	mg/Kg
KAFB-106118	KAFB-106118-301	301	350	0.00103	10.23	0.001075	0.000268	3.23	0.008584	0.0029	0.000805	mg/Kg
KAFB-106118	KAFB-106118-31	31	40	0.000497	4.34	0.000955	0.000238	7.32	0.009244	0.000238	0.000715	mg/Kg
KAFB-106118	KAFB-106118-351	351	400	0.000241	18.535	0.00116	0.00029	2.72	0.00847	0.00029	0.00087	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106118	KAFB-106118-401	401	450	0.000473	40.38	0.00117	0.000293	6.52	0.0101715	0.000293	0.00088	mg/Kg
KAFB-106118	KAFB-106118-41	41	50	0.000421	45.315	0.00084	0.00021	2.4	0.008505	0.00021	0.00063	mg/Kg
KAFB-106118	KAFB-106118-51	51	100	0.000342	5.175	0.00098	0.000245	2.57	0.0084225	0.000245	0.000735	mg/Kg
KAFB-106119	KAFB-106119-0	0	10	0.00215	5.085	0.00107	0.000713	8.89	0.0100085	0.00225	0.0061	mg/Kg
KAFB-106119	KAFB-106119-101	101	150	0.000298	2.66	0.001195	0.000298	5.53	0.009674	0.000298	0.000895	mg/Kg
KAFB-106119	KAFB-106119-11	11	20	0.000512	4.37	0.00159	0.000397	5.01	0.0094735	0.000397	0.00119	mg/Kg
KAFB-106119	KAFB-106119-151	151	200	0.000303	4.515	0.001215	0.000303	3.43	0.0088765	0.000303	0.00091	mg/Kg
KAFB-106119	KAFB-106119-201	201	250	0.000301	8.01	0.001205	0.000301	4.82	0.0086755	0.000301	0.000905	mg/Kg
KAFB-106119	KAFB-106119-21	21	30	0.00377	9.685	0.00272	0.00106	6.42	0.0098905	0.00355	0.00299	mg/Kg
KAFB-106119	KAFB-106119-251	251	300	0.309	4.545	0.053	0.01325	11.3	0.01645	0.714	0.03975	mg/Kg
KAFB-106119	KAFB-106119-301	301	350	0.0142	1.94	0.00115	0.000647	2.33	0.0086935	0.026	0.0017	mg/Kg
KAFB-106119	KAFB-106119-31	31	40	0.000337	2.13	0.00113	0.000282	7.41	0.009316	0.000282	0.000845	mg/Kg
KAFB-106119	KAFB-106119-351	351	400	0.0108	4.72	0.00112	0.000401	2.69	0.00864	0.0203	0.00137	mg/Kg
KAFB-106119	KAFB-106119-401	401	450	0.00332	2.065	0.00089	0.000278	2.2	0.008536	0.00291	0.000548	mg/Kg
KAFB-106119	KAFB-106119-41	41	50	0.000374	9.99	0.0015	0.000374	4.19	0.008637	0.000374	0.001125	mg/Kg
KAFB-106119	KAFB-106119-51	51	100	0.0244	4.948	0.001365	0.000341	9.28	0.0104455	0.000341	0.001025	mg/Kg
KAFB-106128	KAFB-106128-0	0	10	0.0026	4.09	0.001095	0.000693	8.41	0.009412	0.00258	0.00218	mg/Kg
KAFB-106128	KAFB-106128-100	100	150	0.000289	21.885	0.001155	0.000289	5.31	0.0095445	0.000289	0.00087	mg/Kg
KAFB-106128	KAFB-106128-11	11	20	0.000241	9.115	0.000965	0.000241	6.21	0.0089455	0.000241	0.00072	mg/Kg
KAFB-106128	KAFB-106128-150	150	200	0.000311	3.59	0.001245	0.000311	3.41	0.0090055	0.000311	0.000935	mg/Kg
KAFB-106128	KAFB-106128-200	200	250	0.000324	3.525	0.0013	0.000324	2.98	0.009287	0.000324	0.000975	mg/Kg
KAFB-106128	KAFB-106128-21	21	30	0.00139	3.02	0.00125	0.000365	9.02	0.009556	0.000312	0.00105	mg/Kg
KAFB-106128	KAFB-106128-250	250	300	0.615	19.02	0.198	0.0528	3.8	0.015925	2.59	0.472	mg/Kg
KAFB-106128	KAFB-106128-300	300	350	0.00622	4.425	0.00163	0.000286	3.44	0.008518	0.0101	0.000914	mg/Kg
KAFB-106128	KAFB-106128-31	31	40	0.00237	4.4	0.00118	0.000927	12.1	0.0098225	0.00177	0.0014	mg/Kg
KAFB-106128	KAFB-106128-350	350	400	0.0122	6.095	0.00245	0.000306	3.43	0.0085825	0.0168	0.00105	mg/Kg
KAFB-106128	KAFB-106128-400	400	450	0.0157	180.83	0.00559	0.00528	2.25	0.277	0.0487	0.0398	mg/Kg
KAFB-106128	KAFB-106128-41	41	50	0.001045	8.93	0.00419	0.001045	3.73	0.0091725	0.001045	0.00314	mg/Kg
KAFB-106128	KAFB-106128-50	50	100	0.000308	2.76	0.001235	0.000308	3.93	0.008754	0.000308	0.000925	mg/Kg
KAFB-106129	KAFB-106129-0	0	10	0.000283	9.255	0.001115	0.000279	5.19	0.0090145	0.000279	0.000835	mg/Kg
KAFB-106129	KAFB-106129-100	100	150	0.000283	7.705	0.001395	0.000349	1.09	0.0084995	0.000349	0.001045	mg/Kg
KAFB-106129	KAFB-106129-11	11	20	0.00141	7.21	0.00095	0.000237	8.63	0.0095685	0.00062	0.00071	mg/Kg
KAFB-106129	KAFB-106129-150	150	200	0.000163	9.74	0.00144	0.00036	3.15	0.009255	0.00036	0.00108	mg/Kg
KAFB-106129	KAFB-106129-201	201	250	0.000156	5.43	0.001095	0.000273	3.86	0.0086865	0.000273	0.00082	mg/Kg
KAFB-106129	KAFB-106129-21	21	30	0.00223	5.455	0.00135	0.000338	7.48	0.009619	0.000968	0.001015	mg/Kg
KAFB-106129	KAFB-106129-251	251	300	0.000483	33.13	0.001155	0.000289	2.95	0.0086695	0.000289	0.00087	mg/Kg
KAFB-106129	KAFB-106129-301	301	350	0.279	6.24	0.001145	0.0116	6.49	0.010018	0.734	0.0248	mg/Kg
KAFB-106129	KAFB-106129-31	31	40	0.000159	35.62	0.00096	0.00024	6.16	0.00922	0.00024	0.00072	mg/Kg
KAFB-106129	KAFB-106129-351	351	400	0.0447	13.425	0.00132	0.00222	3.55	0.008765	0.0754	0.00884	mg/Kg
KAFB-106129	KAFB-106129-401	401	450	0.0251	13.28	0.001395	0.0012	2.3	0.008699	0.0397	0.00755	mg/Kg
KAFB-106129	KAFB-106129-41	41	50	0.00039	90.05	0.001545	0.000386	5.32	0.008943	0.000386	0.00116	mg/Kg
KAFB-106129	KAFB-106129-50	50	100	0.000373	18.325	0.00124	0.000309	3.52	0.0085795	0.000309	0.00093	mg/Kg
KAFB-106130	KAFB-106130-0	0	10	0.000412	11.67	0.00165	0.000412	5.23	0.009456	0.000412	0.00124	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106130	KAFB-106130-101	101	150	0.000304	4.86	0.00122	0.000304	2.41	0.008652	0.000304	0.000915	mg/Kg
KAFB-106130	KAFB-106130-11	11	20	0.0047	60.8	0.00259	0.000323	10.7	0.010473	0.006	0.00411	mg/Kg
KAFB-106130	KAFB-106130-151	151	200	0.000353	2.905	0.001415	0.000353	2.9	0.0093515	0.000353	0.00106	mg/Kg
KAFB-106130	KAFB-106130-201	201	250	0.000298	12.545	0.001195	0.000298	3.32	0.008899	0.000298	0.000895	mg/Kg
KAFB-106130	KAFB-106130-21	21	30	0.00278	41.21	0.0035	0.000438	8.43	0.009763	0.00377	0.001315	mg/Kg
KAFB-106130	KAFB-106130-251	251	300	0.000296	23.51	0.001185	0.000296	3.2	0.008623	0.000296	0.00089	mg/Kg
KAFB-106130	KAFB-106130-301	301	350	0.000488	2.59	0.001955	0.000488	2.79	0.008694	0.000488	0.001465	mg/Kg
KAFB-106130	KAFB-106130-31	31	40	0.000481	25.955	0.00297	0.000371	6.04	0.0095215	0.00111	0.001115	mg/Kg
KAFB-106130	KAFB-106130-351	351	400	0.00356	3.63	0.001355	0.000338	2.59	0.008669	0.00677	0.001015	mg/Kg
KAFB-106130	KAFB-106130-40	40	50	0.00028	3.71	0.00199	0.000248	3.39	0.0089985	0.000825	0.000745	mg/Kg
KAFB-106130	KAFB-106130-401	401	450	0.0177	74.43	0.001805	0.00341	4.09	0.0087255	0.041	0.013	mg/Kg
KAFB-106130	KAFB-106130-50	50	100	0.000653	16.29	0.00206	0.000257	8.3	0.009582	0.0013	0.00077	mg/Kg
KAFB-106131	KAFB-106131-0	0	10	0.000703	3.335	0.001145	0.000286	6.4	0.009168	0.000286	0.00086	mg/Kg
KAFB-106131	KAFB-106131-101	101	150	0.000648	12.695	0.001565	0.000391	5.72	0.0097455	0.000391	0.001175	mg/Kg
KAFB-106131	KAFB-106131-11	11	20	0.000662	3.555	0.00119	0.000298	4.63	0.008874	0.000298	0.00167	mg/Kg
KAFB-106131	KAFB-106131-151	151	200	0.00061	3.6	0.00113	0.000282	4.05	0.009266	0.000282	0.000845	mg/Kg
KAFB-106131	KAFB-106131-201	201	250	0.00115	2.475	0.00107	0.000267	7.96	0.0108835	0.00164	0.0008	mg/Kg
KAFB-106131	KAFB-106131-21	21	30	0.00123	22.875	0.00096	0.00024	6.54	0.009195	0.000388	0.00183	mg/Kg
KAFB-106131	KAFB-106131-251	251	300	0.00111	8.62	0.0009	0.000225	3.42	0.0087625	0.000818	0.000675	mg/Kg
KAFB-106131	KAFB-106131-300	300	350	0.00175	36.85	0.00112	0.00028	2.66	0.008565	0.00112	0.00084	mg/Kg
KAFB-106131	KAFB-106131-31	31	40	0.00041	3.945	0.00101	0.000252	5.83	0.009226	0.000252	0.000755	mg/Kg
KAFB-106131	KAFB-106131-350	350	400	0.000329	4.015	0.00132	0.000329	4.14	0.0088395	0.000329	0.00099	mg/Kg
KAFB-106131	KAFB-106131-401	401	450	0.0944	3.53	0.00261	0.00599	2.69	0.0088275	0.167	0.019	mg/Kg
KAFB-106131	KAFB-106131-41	41	50	0.000214	10.33	0.000965	0.000241	3.97	0.0085205	0.000241	0.000725	mg/Kg
KAFB-106131	KAFB-106131-51	51	100	0.000434	11.58	0.00099	0.000247	4.54	0.0093485	0.000247	0.00074	mg/Kg
KAFB-106132	KAFB-106132-0	0	10	0.000286	8.545	0.000286	0.000286	5.53	0.0094975	0.000286	0.00086	mg/Kg
KAFB-106132	KAFB-106132-100	100	150	0.000545	2.26	0.000245	0.000245	7.39	0.01009	0.000969	0.000735	mg/Kg
KAFB-106132	KAFB-106132-11	11	20	0.00216	6.615	0.000308	0.000308	6.5	0.00959	0.00292	0.00295	mg/Kg
KAFB-106132	KAFB-106132-151	151	200	0.000301	3.175	0.001205	0.000301	2.19	0.0087255	0.000301	0.000905	mg/Kg
KAFB-106132	KAFB-106132-201	201	250	0.000318	2.76	0.001275	0.000318	1.91	0.009434	0.000318	0.000955	mg/Kg
KAFB-106132	KAFB-106132-21	21	30	0.00181	27.31	0.000236	0.000236	4.96	0.0092225	0.00171	0.00167	mg/Kg
KAFB-106132	KAFB-106132-250	250	300	0.00117	2.345	0.0013	0.00172	7.24	0.0101875	0.00245	0.000975	mg/Kg
KAFB-106132	KAFB-106132-300	300	350	0.000265	4.23	0.00106	0.000265	2.23	0.0085825	0.000265	0.000795	mg/Kg
KAFB-106132	KAFB-106132-31	31	40	0.00271	2.385	0.000266	0.000266	6.02	0.0095325	0.00516	0.0008	mg/Kg
KAFB-106132	KAFB-106132-350	350	400	0.000301	15.43	0.001205	0.000301	2.42	0.0086255	0.000602	0.000905	mg/Kg
KAFB-106132	KAFB-106132-400	400	450	0.000248	19.325	0.000995	0.000248	2.29	0.008649	0.000248	0.000745	mg/Kg
KAFB-106132	KAFB-106132-41	41	50	0.00097	4.615	0.000283	0.000283	5.16	0.009465	0.00153	0.00085	mg/Kg
KAFB-106132	KAFB-106132-51	51	100	0.000701	3.31	0.000391	0.000391	5.76	0.0097325	0.00152	0.001175	mg/Kg
KAFB-106133	KAFB-106133-0	0	10	0.000321	7.15	0.000321	0.000321	4.22	0.0094175	0.000321	0.000965	mg/Kg
KAFB-106133	KAFB-106133-101	101	150	0.000515	103.94	0.002055	0.000515	5.95	0.0096575	0.000515	0.00154	mg/Kg
KAFB-106133	KAFB-106133-11	11	20	0.00151	3.5	0.000268	0.000268	6.57	0.009485	0.00238	0.000805	mg/Kg
KAFB-106133	KAFB-106133-151	151	200	0.0003	23.64	0.0012	0.0003	4.83	0.009575	0.0003	0.0009	mg/Kg
KAFB-106133	KAFB-106133-201	201	250	0.000315	95.17	0.00126	0.000315	2.63	0.0089075	0.000315	0.000945	mg/Kg

Table 4-2. Summary of Soil Analytical Concentrations Used in 3D Extent Evaluation

Bore	Location ID	Start Depth (ft)	End Depth (ft)	Benzene	TPH (DRO+GRO)	EDB	Ethylbenzene	Lead	Naphthalene	Toluene	Xylenes	Units
KAFB-106133	KAFB-106133-21	21	30	0.000657	6.265	0.000287	0.000287	5.37	0.0096	0.00121	0.00086	mg/Kg
KAFB-106133	KAFB-106133-251	251	300	0.000381	38.94	0.001525	0.000381	4.6	0.0091405	0.000381	0.001145	mg/Kg
KAFB-106133	KAFB-106133-301	301	350	0.000326	20.985	0.001305	0.000326	3.54	0.008663	0.000326	0.00098	mg/Kg
KAFB-106133	KAFB-106133-31	31	40	0.00761	2.215	0.0006	0.0006	8.11	0.010755	0.0108	0.0138	mg/Kg
KAFB-106133	KAFB-106133-351	351	400	0.000266	46.97	0.001065	0.000266	4.46	0.008708	0.000266	0.0008	mg/Kg
KAFB-106133	KAFB-106133-401	401	450	0.000279	59.88	0.00112	0.000279	2.91	0.0084895	0.000279	0.00084	mg/Kg
KAFB-106133	KAFB-106133-41	41	50	0.00153	11.86	0.000258	0.000258	4.59	0.0091925	0.00258	0.000775	mg/Kg
KAFB-106133	KAFB-106133-51	51	100	0.000314	137.13	0.00126	0.000314	4.89	0.009257	0.000314	0.000945	mg/Kg
KAFB-106134	KAFB-106134-0	0	10	0.000291	7.325	0.001165	0.000291	6.01	0.0095455	0.000291	0.000875	mg/Kg
KAFB-106134	KAFB-106134-101	101	150	0.000292	7.68	0.00117	0.000292	6.73	0.009121	0.000292	0.000875	mg/Kg
KAFB-106134	KAFB-106134-11	11	20	0.00278	7.33	0.001195	0.000298	7.35	0.009749	0.00272	0.00262	mg/Kg
KAFB-106134	KAFB-106134-151	151	217	0.000298	3.31	0.001195	0.000298	3.85	0.008624	0.000298	0.000895	mg/Kg
KAFB-106134	KAFB-106134-201	201	250	0.000279	10.325	0.001115	0.000279	3.3	0.0088645	0.000279	0.00084	mg/Kg
KAFB-106134	KAFB-106134-21	21	30	0.00027	2.315	0.00108	0.00027	5.84	0.008885	0.00027	0.00081	mg/Kg
KAFB-106134	KAFB-106134-251	251	300	0.000248	2.67	0.000995	0.000248	3.11	0.008524	0.000248	0.000745	mg/Kg
KAFB-106134	KAFB-106134-301	301	350	0.000346	48.015	0.001385	0.000346	3.63	0.008723	0.000346	0.00104	mg/Kg
KAFB-106134	KAFB-106134-31	31	40	0.00082	4.52	0.00329	0.00082	7.49	0.00931	0.00082	0.002465	mg/Kg
KAFB-106134	KAFB-106134-351	351	400	0.000284	3.855	0.001135	0.000284	2.81	0.008642	0.000284	0.00085	mg/Kg
KAFB-106134	KAFB-106134-400	400	460	0.000287	70.035	0.001145	0.000287	2.71	0.0085935	0.000287	0.00086	mg/Kg
KAFB-106134	KAFB-106134-41	41	50	0.00058	2.575	0.002315	0.00058	5.35	0.009365	0.00058	0.00174	mg/Kg
KAFB-106134	KAFB-106134-51	51	100	0.000302	2.32	0.00121	0.000302	6.91	0.008676	0.000302	0.000905	mg/Kg
KAFB-106143	KAFB-106143-0	0	5	0.000824	7.505	0.00185	0.000274667	19.09666667	0.0090225	0.000638667	0.000826667	mg/Kg
KAFB-106143	KAFB-106143-10	10	15	0.000353	2.035	0.00139	0.000347	6.44	0.0093235	0.00099	0.00104	mg/Kg
KAFB-106143	KAFB-106143-15	15	20	0.00114	2.355	0.000915	0.000228	5.22	0.009164	0.00199	0.000685	mg/Kg
KAFB-106144	KAFB-106144-0	0	5	0.000902	4.86	0.001085	0.000271	7.855	0.0090355	0.000967	0.000815	mg/Kg
KAFB-106144	KAFB-106144-10	10	15	0.000228	3.54	0.001485	0.000371	6.41	0.0089105	0.000791	0.001115	mg/Kg
KAFB-106144	KAFB-106144-15	15	20	0.000512	2.17	0.001075	0.000268	4.47	0.008959	0.00109	0.000805	mg/Kg
KAFB-106144	KAFB-106144-8	8	10	0.00144	2.75	0.001285	0.000321	7.77	0.0093605	0.00227	0.000965	mg/Kg
KAFB-106145	KAFB-106145-0	0	5	0.003302	8.37	0.001233333	0.000307667	8.246666667	0.0092955	0.001840667	0.001611667	mg/Kg
KAFB-106145	KAFB-106145-10	10	15	0.00029	2.065	0.00116	0.00029	8.54	0.009195	0.00029	0.00087	mg/Kg
KAFB-106145	KAFB-106145-11	11	20	0.00144	2.39	0.00122	0.000304	5.17	0.008902	0.00228	0.000915	mg/Kg
KAFB-106146	KAFB-106146-0	0	5	0.00303	6.575	0.001093333	0.000273	7.523333333	0.009394833	0.002451	0.00082	mg/Kg
KAFB-106146	KAFB-106146-10	10	15	0.000272	2.795	0.001085	0.000272	6.08	0.009561	0.000272	0.000815	mg/Kg
KAFB-106146	KAFB-106146-15	15	20	0.000271	2.115	0.001085	0.000271	4.96	0.0094355	0.000271	0.000815	mg/Kg
KAFB-106147	KAFB-106147-0	0	5	0.036342	1519.465	0.048488333	0.012114	10.36333333	0.304266667	0.012114	0.036406667	mg/Kg
KAFB-106147	KAFB-106147-10	10	15	0.000281	2.745	0.001125	0.000281	3.71	0.0087905	0.000281	0.00084	mg/Kg
KAFB-106147	KAFB-106147-11	11	20	0.000414	2.45	0.001655	0.000414	4.4	0.008732	0.00246	0.00124	mg/Kg

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Table 4-3
Soil Vapor Analytical Results, July - September 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-106108-050			KAFB-106108-150			KAFB-106108-250		
	SAMPLE NO	VA0436			VA0437			VA0438			VA0439			VA0440			VA0455			VA0456			VA0457			VA0458			VA0459		
	SAMPLE DATE	15-Aug-11			15-Aug-11			15-Aug-11			15-Aug-11			15-Aug-11			6-Jul-11			6-Jul-11			6-Jul-11			6-Jul-11			8-Jul-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			FD			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			40-50 FT			140.1-150.1 FT			240.3-250.3 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	210000	J-	47000	160000		94000	170000		94000	540000		94000	1100000		94000	28000	J-	4700	41000	J-	4700	67000	J-	4700	530000	J-	94000	530000	J-	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	53000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	110000	ND	UJ	110000
	C9-C12 ALIPHATIC HYDROCARBONS	26000	J-	76000	ND	U	150000	ND	U	150000	ND	U	150000	22000	J	150000	10000	J-	7600	15000	J-	7600	26000	J-	7600	46000	J-	150000	ND	UJ	150000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,1,2-TRICHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,1-DICHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,1-DICHLOROETHENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2,4-TRICHLOROBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2-DIBROMOETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2-DICHLOROBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2-DICHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,2-DICHLOROPROPANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,3-DICHLOROBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	1,4-DICHLOROBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	2-BUTANONE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	2-HEXANONE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	4-METHYL-2-PENTANONE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	ACETONE	48	J-	40	1900	J-	400	1200	J-	400	1600	J-	800	1500	J-	800	920		800	52		40	1100		800	950		800	ND	U	8000
	BENZENE	900	J-	40	2400	J-	400	1500	J-	400	5600	J-	800	6500	J-	800	ND	U	800	280		40	1200		800	4300		800	20000		8000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	BROMODICHLOROMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	BROMOFORM	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	BROMOMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CARBON DISULFIDE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CARBON TETRACHLORIDE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CHLOROBENZENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CHLOROETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CHLOROFORM	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CHLOROMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CIS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	CYCLOHEXANE	1700	J-	80	4400	J-	800	2300	J-	800	15000	J-	1600	31000	J-	1600	1600		1600	320		80	1800		1600	11000		1600	ND	U	16000
	DIBROMOCHLOROMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	DICHLORODIFLUOROMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	ERYTHRENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	ETHYL ACETATE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	ETHYLBENZENE	58	J-	80	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	UJ	1600	ND	U	1600	75	J	80	ND	U	1600	ND	U	1600	ND	U	16000
	FREON 113	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	HEPTANE	1300	J-	40	3200	J-	400	2100	J-	400	5200	J-	800	14000	J-	800	1100		800	170		40	1000		800	1800		800	ND	U	8000
	HEXACHLOROBUTADIENE	ND	UJ	80	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	UJ	1600	ND	U	1600	ND	U	80	ND	U	1600	ND	U	1600	ND	U	16000
	HEXANE	990	J-	80	4600	J-	800	1800	J-	800	12000	J-	1600	28000	J-	1600	1800		1600	ND	U	80	2600		1600	4800		1600	ND	U	16000
	M,P-XYLENES	200	J-	80	640	J-	800	640	J-	800	ND	UJ	1600	1100	J-	1600	ND	U	1600	150		80	ND	U	1600	980	J	1600	ND	U	16000
	METHYL TERT-BUTYL ETHER	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	METHYLENE CHLORIDE	ND	UJ	200	2900	J-	2000	1100	J-	2000	2000	J-	4000	2200	J-	4000	ND	U	4000	ND	U	200	ND	U	4000	ND	U	4000	ND	U	40000
	NAPHTHALENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	O-XYLENE	52	J-	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	57		40	ND	U	800	ND	U	800	ND	U	8000
	PROPYLENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	STYRENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	TETRACHLOROETHENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	THF	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	TOLUENE	2300	J-	40	5500	J-	400	4300	J-	400	5400	J-	800	8000	J-	800	2400		800	740		40	3800		800	4100		800	45000		8000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	TRICHLOROETHENE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	TRICHLOROFLUOROMETHANE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	VINYL ACETATE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	VINYL CHLORIDE	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	U	800	ND	U	40	ND	U	800	ND	U	800	ND	U	8000
	XYLENES	260	J-	120	640	J-	1200	640	J-	1200	ND	UJ	2400	1100	J-	2400	ND	U	2400	200		120	ND	U	2400	980	J	2400	ND	U	24000
FIXED GASES	CARBON DIOXIDE	0.093	J	0.1	0.16		0.1	0.17		0.1	0.22		0.1	0.27		0.1	0.59		0.1	2.9		0.1	2.8		0.1	3.6		0.1	0.36		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5
	NITROGEN	79		0.1	78		0.1	78		0.1	79		0.1	79		0.1	78		0.1	78		0.1	78		0.1	79		0.1	79		0.1
	OXYGEN	21		0.1	21		0.1	21		0.1	20		0.1	20		0.1	21		0.1	18		0.1	18		0.1	17		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 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			KAFB-106110-025			KAFB-106110-050			KAFB-106110-150		
	SAMPLE NO	VA0460			VA0461			VA0462			VA0463			VA0464			VA0465			VA0466			VA0467			VA0468			VA0469			VA0470			VA0471		
	SAMPLE DATE	8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			29-Aug-11			29-Aug-11			29-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	340.2-350.2 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			15-25 FT			40.1-50.1 FT			140.3-150.3 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	480000	J-	94000	450000	J-	94000	17000	J-	4700	17000	J-	4700	17000	J-	4700	13000	J-	4700	37000	J-	4700	690000	J-	94000	200000	J-	12000	470000		94000	210000	J-	47000	460000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	110000	ND	UJ	110000	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	110000	ND	UJ	13000	30000	J	110000	ND	UJ	53000	ND	U	110000
	C9-C12 ALIPHATIC HYDROCARBONS	21000	J-	150000	23000	J-	150000	6600	J-	7600	8000	J-	7600	8300	J-	7600	7900	J-	7600	9400	J-	7600	ND	UJ	150000	11000	J-	19000	130000	J	150000	45000	J-	76000	79000	J	150000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,1,2-TRICHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,1-DICHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,1-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2,4-TRICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2,4-TRIMETHYLBENZENE	ND	U	800	ND	U	800	ND	U	40	46		40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2-DIBROMOETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2-DICHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,2-DICHLOROPROPANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,3,5-TRIMETHYLBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,3-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	1,4-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	2-BUTANONE	ND	U	800	ND	U	800	ND	U	40	55		40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	920	J-	800	1500	J-	400	ND	UJ	800
	2-HEXANONE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	4-METHYL-2-PENTANONE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	ACETONE	ND	U	800	ND	U	800	40		40	56		40	ND	UJ	40	ND	UJ	40	ND	UJ	40	2100		800	2300		800	2600	J-	800	4800	J-	400	1400	J-	800
	BENZENE	3000		800	1800		800	72		40	200		40	96	J-	40	58	J-	40	190	J-	40	1400		800	ND	U	800	1200	J-	800	2900	J-	400	3000	J-	800
	BENZENE, (CHLOROMETHYL)-	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	BROMODICHLOROMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	BROMOFORM	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	BROMOMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CARBON DISULFIDE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CARBON TETRACHLORIDE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CHLOROBENZENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CHLOROETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CHLOROFORM	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CHLOROMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CIS-1,2-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CIS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	CYCLOHEXANE	3800		1600	3400		1600	95		80	210		80	150	J-	80	88	J-	80	160	J-	80	2400		1600	1700		1600	2300	J-	1600	4800	J-	800	12000	J-	1600
	DIBROMOCHLOROMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	DICHLORODIFLUOROMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	ERYTHRENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	ETHYL ACETATE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	ETHYLBENZENE	ND	U	1600	ND	U	1600	46	J	80	75	J	80	47	J-	80	ND	UJ	80	ND	UJ	80	ND	U	1600	ND	U	1600	ND	UJ	1600	740	J-	800	ND	UJ	1600
	FREON 113	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	HEPTANE	1300		800	ND	U	800	60		40	110		40	100	J-	40	58	J-	40	ND	UJ	40	ND	U	800	ND	U	800	2900	J-	800	4900	J-	400	4100	J-	800
	HEXACHLOROBUTADIENE	ND	U	1600	ND	U	1600	ND	U	80	ND	U	80	ND	UJ	80	ND	UJ	80	ND	UJ	80	ND	U	1600	ND	U	1600	ND	UJ	1600	ND	UJ	800	ND	UJ	1600
	HEXANE	4300		1600	1900		1600	ND	U	80	ND	U	80	ND	UJ	80	ND	UJ	80	ND	UJ	80	6000		1600	2800		1600	970	J-	1600	4000	J-	800	10000	J-	1600
	M,P-XYLENES	1300	J	1600	ND	U	1600	140		80	240		80	150	J-	80	100	J-	80	54	J-	80	ND	U	1600	ND	U	1600	1800	J-	1600	2100	J-	800	1400	J-	1600
	METHYL TERT-BUTYL ETHER	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	METHYLENE CHLORIDE	ND	U	4000	ND	U	4000	ND	U	200	ND	U	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	8500		4000	8200		4000	ND	UJ	4000	ND	UJ	2000	ND	UJ	4000
	NAPHTHALENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	O-XYLENE	ND	U	800	ND	U	800	70		40	120		40	65	J-	40	50	J-	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	650	J-	400	ND	UJ	800
	PROPYLENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	52	J-	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	STYRENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	TETRACHLOROETHENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	THF	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	TOLUENE	13000		800	7100		800	650		40	1300		40	570	J-	40	350	J-	40	210	J-	40	3400		800	1200		800	5400	J-	800	14000	J-	400	6400	J-	800
	TRANS-1,2-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	TRANS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	TRICHLOROETHENE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	TRICHLOROFLUOROMETHANE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	VINYL ACETATE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	VINYL CHLORIDE	ND	U	800	ND	U	800	ND	U	40	ND	U	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	U	800	ND	UJ	800	ND	UJ	400	ND	UJ	800
	XYLENES	1300	J	2400	ND	U	2400	210		120	360		120	210	J-	120	150	J-	120	54	J-	120	ND	U	2400	ND	U	2400	1800	J-	2400	2800	J-	1200	1400	J-	2400
FIXED GASES	CARBON DIOXIDE	0.2		0.1	0.18		0.1	0.49		0.1	0.68		0.1	0.64		0.1	0.21		0.1	0.33		0.1	0.19		0.1	0.32		0.1	0.44		0.1	0.66		0.1	0.51		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	78		0.1	78		0.1	78		0.1	78		0.1	78		0.1	78		0.1	78		0.1	78		0.1	79		0.1	80		0.1	79		0.1
	OXYGEN	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	20		0.1	19		0.1	19		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106110-250			KAFB-106110-250			KAFB-106110-350			KAFB-106110-450			KAFB-106111-025			KAFB-106111-050			KAFB-106111-150			KAFB-106111-250			KAFB-106111-350			KAFB-106111-450			KAFB-106112-025			KAFB-106112-050		
	SAMPLE NO	VA0472			VA0473			VA0474			VA0475			VA0476			VA0477			VA0478			VA0479			VA0480			VA0481			VA0482			VA0483		
	SAMPLE DATE	29-Aug-11			29-Aug-11			29-Aug-11			29-Aug-11			6-Sep-11			6-Sep-11			6-Sep-11			6-Sep-11			6-Sep-11			7-Sep-11			8-Sep-11			8-Sep-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	240-250 FT			240-250 FT			340.2-350.2 FT			440-450 FT			15.2-25.2 FT			40-50 FT			140.3-150.3 FT			240.3-250.3 FT			340.4-350.4 FT			440.3-450.3 FT			15-25 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	260000		94000	520000		94000	950000		94000	13000000		940000	560000		47000	310000		47000	760000		47000	300000		47000	2000000		940000	12000000		940000	150000		47000	270000		47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	U	110000	38000	J	110000	ND	U	1100000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	53000	20000	J	53000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	150000	82000	J	150000	190000		150000	ND	U	1500000	130000		76000	92000		76000	98000		76000	57000	J	76000	ND	U	1500000	ND	U	1500000	32000	J	76000	55000	J	76000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,1-DICHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,1-DICHLOROETHENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2-DIBROMOETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2-DICHLOROBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2-DICHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,2-DICHLOROPROPANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,3-DICHLOROBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	1,4-DICHLOROBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	2-BUTANONE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	550		400	440		400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	2-HEXANONE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	4-METHYL-2-PENTANONE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	ACETONE	2000	J-	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	2100		400	1600		400	720		400	500		400	1900	J-	800	ND	UJ	8000	ND	U	400	ND	U	400
	BENZENE	5100	J-	400	3300	J-	800	2800	J-	800	15000	J-	8000	11000		400	5300		400	7500		400	7600		400	5900	J-	800	94000	J-	8000	610		400	1000		400
	BENZENE, (CHLOROMETHYL)-	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	BROMODICHLOROMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	BROMOFORM	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	BROMOMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CARBON DISULFIDE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CARBON TETRACHLORIDE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	400		400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CHLOROBENZENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CHLOROETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CHLOROFORM	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CHLOROMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	CYCLOHEXANE	1900	J-	800	3800	J-	1600	5400	J-	1600	190000	J-	16000	13000		800	6600		800	13000		800	2100		800	9800	J-	1600	210000	J-	16000	1100		800	2500		800
	DIBROMOCHLOROMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	ERYTHRENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	ETHYL ACETATE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	ETHYLBENZENE	ND	UJ	800	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	670	J	800	490	J	800	ND	U	800	ND	U	800	ND	UJ	1600	ND	UJ	16000	ND	U	800	ND	U	800
	FREON 113	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	HEPTANE	1700	J-	400	3800	J-	800	1900	J-	800	71000	J-	8000	11000		400	6100		400	4500		400	1400		400	2000	J-	800	63000	J-	8000	430		400	830		400
	HEXACHLOROBUTADIENE	ND	UJ	800	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	UJ	1600	ND	UJ	16000	ND	U	800	ND	U	800
	HEXANE	1700	J-	800	890	J-	1600	5600	J-	1600	260000	J-	16000	9000		800	4200		800	4000		800	1200		800	18000	J-	1600	230000	J-	16000	670	J	800	860		800
	M,P-XYLENES	1100	J-	800	1700	J-	1600	1300	J-	1600	ND	UJ	16000	2700		800	1900		800	1500		800	760	J	800	ND	UJ	1600	ND	UJ	16000	ND	U	800	ND	U	800
	METHYL TERT-BUTYL ETHER	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	METHYLENE CHLORIDE	15000	J-	2000	ND	UJ	4000	ND	UJ	4000	ND	UJ	40000	ND	U	2000	ND	U	2000	2700		2000	1700	J	2000	17000	J-	4000	ND	UJ	40000	ND	U	2000	ND	U	2000
	NAPHTHALENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	O-XYLENE	430	J-	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	680		400	510		400	460		400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	PROPYLENE	450	J-	400	ND	UJ	800	1100	J-	800	14000	J-	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	1100	J-	800	14000	J-	8000	ND	U	400	ND	U	400
	STYRENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	TETRACHLOROETHENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	THF	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	TOLUENE	9300	J-	400	9600	J-	800	6300	J-	800	30000	J-	8000	28000	J	400	22000		400	16000		400	20000		400	9700	J-	800	130000	J-	8000	1900		400	2800		400
	TRANS-1,2-DICHLOROETHENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	TRICHLOROETHENE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	VINYL ACETATE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	VINYL CHLORIDE	ND	UJ	400	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	8000	ND	U	400	ND	U	400
	XYLENES	1500	J-	1200	1700	J-	2400	1300	J-	2400	ND	UJ	24000	3400		1200	2400		1200	1900		1200	760	J	1200	ND	UJ	2400	ND	UJ	24000	ND	U	1200	ND	U	1200
FIXED GASES	CARBON DIOXIDE	0.34		0.1	0.24		0.1	0.16		0.1	0.19		0.1	0.49		0.1	1.9		0.1	1.1		0.1	0.48		0.1	0.13		0.1	0.53		0.1	0.21		0.1	0.42		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	78		0.1	79		0.1	79		0.1	78		0.1	80		0.1	79		0.1	78		0.1	78		0.1	80		0.1	78		0.1	78		0.1
	OXYGEN	20		0.1	21		0.1	20		0.1	19		0.1	20		0.1	17		0.1	19		0.1	20		0.1	21		0.1	18		0.1	21		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106112-050			KAFB-106112-150			KAFB-106112-250			KAFB-106112-350			KAFB-106112-450			KAFB-106113-020			KAFB-106113-050			KAFB-106113-150			KAFB-106113-250			KAFB-106113-350			KAFB-106113-450			KAFB-106113-450		
	SAMPLE NO	VA0484			VA0485			VA0486			VA0487			VA0488			VA0489			VA0490			VA0491			VA0492			VA0493			VA0494			VA0495		
	SAMPLE DATE	8-Sep-11			8-Sep-11			8-Sep-11			8-Sep-11			8-Sep-11			8-Aug-11			8-Aug-11			8-Aug-11			8-Aug-11			8-Aug-11			8-Aug-11			8-Aug-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	40-50 FT			140-150 FT			240-250 FT			339-349 FT			439-449 FT			10-20 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	160000		47000	130000		47000	120000		47000	140000		47000	110000		47000	390000		94000	220000		94000	190000		94000	180000		94000	4700000		940000	9900000		940000	5400000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	1100000	ND	U	1100000	ND	U	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	76000	ND	U	76000	ND	U	76000	23000	J	76000	33000	J	76000	25000	J	150000	ND	U	150000	ND	U	150000	ND	U	150000	ND	U	1500000	ND	U	1500000	ND	U	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1-DICHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1-DICHLOROETHENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	UJ	40	ND	U	400	56	J-	40	66	J-	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DIBROMOETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROPROPANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,3-DICHLOROBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,4-DICHLOROBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	2-BUTANONE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	2-HEXANONE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	4-METHYL-2-PENTANONE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ACETONE	ND	U	400	55	J-	40	590		400	ND	UJ	40	ND	UJ	40	1100	J-	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BENZENE	590		400	370	J-	40	1200		400	83	J-	40	74	J-	40	4300	J-	800	2500	J-	800	1700	J-	800	1400	J-	800	35000	J-	800	93000	J-	8000	89000	J-	8000
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMODICHLOROMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMOFORM	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMOMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CARBON DISULFIDE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CARBON TETRACHLORIDE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROBENZENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROFORM	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CYCLOHEXANE	2000		800	340	J-	80	1100		800	420	J-	80	340	J-	80	5900	J-	1600	3900	J-	1600	2700	J-	1600	1900	J-	1600	43000	J-	1600	160000	J-	16000	120000	J-	16000
	DIBROMOCHLOROMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ERYTHRENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ETHYL ACETATE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ETHYLBENZENE	ND	U	800	50	J-	80	ND	U	800	65	J-	80	62	J-	80	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000
	FREON 113	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	HEPTANE	500		400	190	J-	40	ND	U	400	370	J-	40	310	J-	40	3600	J-	800	3400	J-	800	2200	J-	800	1400	J-	800	7800	J-	800	41000	J-	8000	30000	J-	8000
	HEXACHLOROBUTADIENE	ND	U	800	ND	UJ	80	ND	U	800	ND	UJ	80	ND	UJ	80	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000
	HEXANE	700	J	800	220	J-	80	1400		800	81	J-	80	63	J-	80	8200	J-	1600	3800	J-	1600	2900	J-	1600	1700	J-	1600	42000	J-	1600	170000	J-	16000	140000	J-	16000
	M,P-XYLENES	ND	U	800	180	J-	80	ND	U	800	200	J-	80	200	J-	80	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	1100	J-	1600	ND	UJ	16000	ND	UJ	16000
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	METHYLENE CHLORIDE	960	J	2000	ND	UJ	200	1700	J	2000	530	J-	200	ND	UJ	200	12000	J-	4000	ND	UJ	4000	5000	J-	4000	ND	UJ	4000	ND	UJ	4000	ND	UJ	40000	ND	UJ	40000
	NAPHTHALENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	O-XYLENE	ND	U	400	59	J-	40	ND	U	400	86	J-	40	86	J-	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	PROPYLENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	7200	J-	800	17000	J-	8000	10000	J-	8000
	STYRENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TETRACHLOROETHENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	THF	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TOLUENE	1700		400	1700	J-	40	2800		400	690	J-	40	600	J-	40	5400	J-	800	4200	J-	800	3100	J-	800	2200	J-	800	36000	J-	800	140000	J-	8000	100000	J-	8000
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRICHLOROETHENE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	VINYL ACETATE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	VINYL CHLORIDE	ND	U	400	ND	UJ	40	ND	U	400	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	XYLENES	ND	U	1200	240	J-	120	ND	U	1200	280	J-	120	290	J-	120	ND	UJ	2400	ND	UJ	2400	ND	UJ	2400	ND	UJ	2400	1100	J-	2400	ND	UJ	24000	ND	UJ	24000
FIXED GASES	CARBON DIOXIDE	0.36		0.1	0.42		0.1	0.65		0.1	0.63		0.1	0.81		0.1	0.24		0.1	0.24		0.1	0.21		0.1	0.44		0.1	0.32		0.1	0.28		0.1	0.25		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	79		0.1	80		0.1	80		0.1	79		0.1	78		0.1	79		0.1	80		0.1	79		0.1	80		0.1	80		0.1	80		0.1
	OXYGEN	20		0.1	18		0.1	19		0.1	18		0.1	19		0.1	20		0.1	20		0.1	19		0.1	20		0.1	19		0.1	18		0.1	19		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106114-025			KAFB-106114-050			KAFB-106114-150			KAFB-106114-250			KAFB-106114-350			KAFB-106114-350			KAFB-106114-450			KAFB-106115-025			KAFB-106115-050			KAFB-106115-150			KAFB-106115-150			KAFB-106115-250		
	SAMPLE NO	VA0496			VA0497			VA0498			VA0499			VA0500			VA0501			VA0502			VA0503			VA0504			VA0505			VA0506			VA0507		
	SAMPLE DATE	5-Aug-11			5-Aug-11			5-Aug-11			5-Aug-11			5-Aug-11			5-Aug-11			5-Aug-11			9-Aug-11			9-Aug-11			9-Aug-11			9-Aug-11			9-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG			REG			FD			REG		
	SAMPLE DEPTH	15-25 FT			40-50 FT			140-150 FT			235-245 FT			340-350 FT			340-350 FT			439.6-449.6 FT			14.6-24.6 FT			39.6-49.6 FT			144.6-154.6 FT			144.6-154.6 FT			239.6-249.6 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	3400		940	17000		4700	7600		4700	16000		4700	740000		94000	6100000		940000	41000000		2300000	38000		4700	160000		94000	30000		4700	33000		4700	35000		4700
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	110000	ND	U	1100000	ND	U	2700000	ND	U	5300	ND	U	110000	ND	U	5300	ND	U	5300	ND	U	5300
	C9-C12 ALIPHATIC HYDROCARBONS	1200	J	1500	ND	U	7600	ND	U	7600	1700	J	7600	ND	U	150000	ND	U	1500000	700000	J	3800000	5100	J	7600	ND	U	150000	5400	J	7600	6400	J	7600	7800		7600
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,1,2-TRICHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,1-DICHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,1-DICHLOROETHENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2,4-TRICHLOROBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2,4-TRIMETHYLBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2-DIBROMOETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2-DICHLOROBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2-DICHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,2-DICHLOROPROPANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,3,5-TRIMETHYLBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,3-DICHLOROBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	1,4-DICHLOROBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	2-BUTANONE	20	J-	16	ND	UJ	80	93	J-	8	140	J-	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	40	J-	40
	2-HEXANONE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	4-METHYL-2-PENTANONE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	ACETONE	47	J-	16	ND	UJ	80	290	J-	8	370	J-	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	44	J-	40	42	J-	40	48	J-	40
	BENZENE	68	J-	16	380	J-	80	66	J-	8	130	J-	40	13000	J-	800	38000	J-	8000	460000	J-	20000	560	J-	40	1600	J-	800	530	J-	40	590	J-	40	560	J-	40
	BENZENE, (CHLOROMETHYL)-	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	BROMODICHLOROMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	BROMOFORM	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	BROMOMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CARBON DISULFIDE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CARBON TETRACHLORIDE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CHLOROBENZENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CHLOROETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CHLOROFORM	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CHLOROMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CIS-1,2-DICHLOROETHENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CIS-1,3-DICHLOROPROPENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	CYCLOHEXANE	57	J-	32	540	J-	160	31	J-	16	74	J-	80	5000	J-	1600	14000	J-	16000	920000	J-	40000	690	J-	80	2100	J-	1600	600	J-	80	770	J-	80	770	J-	80
	DIBROMOCHLOROMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	DICHLORODIFLUOROMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	ERYTHRENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	ETHYL ACETATE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	ETHYLBENZENE	16	J-	32	ND	UJ	160	9.3	J-	16	ND	UJ	80	ND	UJ	1600	ND	UJ	16000	ND	UJ	40000	51	J-	80	ND	UJ	1600	46	J-	80	58	J-	80	57	J-	80
	FREON 113	ND	UJ	16	ND	UJ	80	23	J-	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	HEPTANE	25	J-	16	260	J-	80	16	J-	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	440000	J-	20000	500	J-	40	1400	J-	800	430	J-	40	560	J-	40	570	J-	40
	HEXACHLOROBUTADIENE	ND	UJ	32	ND	UJ	160	ND	UJ	16	ND	UJ	80	ND	UJ	1600	ND	UJ	16000	ND	UJ	40000	ND	UJ	80	ND	UJ	1600	ND	UJ	80	ND	UJ	80	ND	UJ	80
	HEXANE	36	J-	32	610	J-	160	25	J-	16	51	J-	80	3300	J-	1600	8200	J-	16000	1000000	J-	40000	510	J-	80	1700	J-	1600	480	J-	80	540	J-	80	550	J-	80
	M,P-XYLENES	34	J-	32	ND	UJ	160	19	J-	16	41	J-	80	ND	UJ	1600	ND	UJ	16000	24000	J-	40000	110	J-	80	ND	UJ	1600	100	J-	80	120	J-	80	130	J-	80
	METHYL TERT-BUTYL ETHER	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	METHYLENE CHLORIDE	ND	UJ	80	ND	UJ	400	ND	UJ	40	ND	UJ	200	ND	UJ	4000	ND	UJ	40000	ND	UJ	100000	ND	UJ	200	ND	UJ	4000	ND	UJ	200	ND	UJ	200	ND	UJ	200
	NAPHTHALENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	O-XYLENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	42	J-	40
	PROPYLENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	990	J-	800	ND	UJ	8000	20000	J-	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	STYRENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	TETRACHLOROETHENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	THF	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	TOLUENE	260	J-	16	460	J-	80	190	J-	8	310	J-	40	3500	J-	800	8700	J-	8000	530000	J-	20000	1400	J-	40	3800	J-	800	1200	J-	40	1500	J-	40	1500	J-	40
	TRANS-1,2-DICHLOROETHENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	TRICHLOROETHENE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	TRICHLOROFLUOROMETHANE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	VINYL ACETATE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	VINYL CHLORIDE	ND	UJ	16	ND	UJ	80	ND	UJ	8	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40
	XYLENES	34	J-	48	ND	UJ	240	19	J-	24	41	J-	120	ND	UJ	2400	ND	UJ	24000	24000	J-	60000	110	J-	120	ND	UJ	2400	100	J-	120	120	J-	120	170	J-	120
FIXED GASES	CARBON DIOXIDE	0.36		0.1	0.38		0.1	0.26		0.1	0.47		0.1	0.24		0.1	0.24		0.1	0.37		0.1	0.23		0.1	0.32		0.1	0.24		0.1	0.22		0.1	0.18		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	78		0.1	79		0.1	79		0.1	79		0.1	78		0.1	78		0.1	79		0.1	79		0.1	79		0.1	80		0.1	80		0.1	79		0.1
	OXYGEN	21		0.1	20		0.1	20		0.1	20		0.1	21		0.1	20		0.1	19		0.1	20		0.1	21		0.1	20		0.1	20		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106115-350			KAFB-106115-450			KAFB-106116-025			KAFB-106116-050			KAFB-106116-150			KAFB-106116-250			KAFB-106116-350			KAFB-106116-450			KAFB-106117-025			KAFB-106117-050			KAFB-106117-050			KAFB-106117-150		
	SAMPLE NO	VA0508			VA0509			VA0510			VA0511			VA0512			VA0513			VA0514			VA0515			VA0516			VA0517			VA0518			VA0519		
	SAMPLE DATE	9-Aug-11			9-Aug-11			10-Aug-11			10-Aug-11			10-Aug-11			11-Aug-11			11-Aug-11			11-Aug-11			9-Sep-11			9-Sep-11			9-Sep-11			9-Sep-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			FD			REG		
	SAMPLE DEPTH	339.6-349.6 FT			439.6-449.6 FT			10-19.5 FT			40-49.5 FT			140-149.5 FT			240-249.5 FT			340-349.5 FT			440-449 FT			15-25 FT			40-50 FT			40-50 FT			140-150 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	5000000		940000	27000000	J-	2300000	170000		94000	170000		94000	160000		94000	350000		94000	12000000	J-	940000	45000000	J-	2300000	160000		47000	130000		47000	99000		47000	6500000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	ND	UJ	2700000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	UJ	1100000	ND	UJ	2700000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	1500000	ND	UJ	3800000	26000	J	150000	ND	U	150000	ND	U	150000	ND	U	150000	ND	UJ	1500000	910000	J-	3800000	26000	J	76000	22000	J	76000	ND	U	76000	ND	U	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,1,2-TRICHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,1-DICHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,1-DICHLOROETHENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2,4-TRICHLOROBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2,4-TRIMETHYLBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2-DIBROMOETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2-DICHLOROBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2-DICHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,2-DICHLOROPROPANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,3,5-TRIMETHYLBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,3-DICHLOROBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	1,4-DICHLOROBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	2-BUTANONE	ND	UJ	800	ND	UJ	8000	49	J-	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	2-HEXANONE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	4-METHYL-2-PENTANONE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	ACETONE	1200	J-	800	ND	UJ	8000	59	J-	40	2000	J-	800	780	J-	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	500	J-	400
	BENZENE	1700	J-	800	17000	J-	8000	550	J-	40	2200	J-	800	950	J-	400	5900	J-	800	110000	J-	8000	910000	J-	20000	930	J-	40	880	J-	40	680	J-	40	1300	J-	400
	BENZENE, (CHLOROMETHYL)-	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	BROMODICHLOROMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	BROMOFORM	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	BROMOMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CARBON DISULFIDE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CARBON TETRACHLORIDE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CHLOROBENZENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CHLOROETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CHLOROFORM	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CHLOROMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CIS-1,2-DICHLOROETHENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CIS-1,3-DICHLOROPROPENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	CYCLOHEXANE	23000	J-	1600	84000	J-	16000	860	J-	80	1200	J-	1600	1100	J-	800	6000	J-	1600	320000	J-	16000	1500000	J-	40000	680	J-	80	620	J-	80	520	J-	80	1100	J-	800
	DIBROMOCHLOROMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	DICHLORODIFLUOROMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	ERYTHRENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	ETHYL ACETATE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	ETHYLBENZENE	ND	UJ	1600	ND	UJ	16000	56	J-	80	ND	UJ	1600	ND	UJ	800	ND	UJ	1600	ND	UJ	16000	ND	UJ	40000	62	J-	80	82	J-	80	90	J-	80	ND	UJ	800
	FREON 113	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	HEPTANE	2400	J-	800	23000	J-	8000	520	J-	40	ND	UJ	800	580	J-	400	1700	J-	800	120000	J-	8000	760000	J-	20000	560	J-	40	540	J-	40	500	J-	40	1100	J-	400
	HEXACHLOROBUTADIENE	ND	UJ	1600	ND	UJ	16000	ND	UJ	80	ND	UJ	1600	ND	UJ	800	ND	UJ	1600	ND	UJ	16000	ND	UJ	40000	ND	UJ	80	ND	UJ	80	ND	UJ	80	ND	UJ	800
	HEXANE	23000	J-	1600	98000	J-	16000	570	J-	80	2100	J-	1600	900	J-	800	4400	J-	1600	300000	J-	16000	1800000	J-	40000	350	J-	80	310	J-	80	280	J-	80	750	J-	800
	M,P-XYLENES	ND	UJ	1600	ND	UJ	16000	120	J-	80	ND	UJ	1600	410	J-	800	ND	UJ	1600	ND	UJ	16000	31000	J-	40000	200	J-	80	290	J-	80	320	J-	80	660	J-	800
	METHYL TERT-BUTYL ETHER	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	METHYLENE CHLORIDE	2700	J-	4000	ND	UJ	40000	ND	UJ	200	5800	J-	4000	1200	J-	2000	ND	UJ	4000	ND	UJ	40000	ND	UJ	100000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	2000
	NAPHTHALENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	O-XYLENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	56	J-	40	77	J-	40	89	J-	40	ND	UJ	400
	PROPYLENE	11000	J-	800	19000	J-	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	13000	J-	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	STYRENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	TETRACHLOROETHENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	THF	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	TOLUENE	4400	J-	800	39000	J-	8000	1500	J-	40	1900	J-	800	2000	J-	400	10000	J-	800	110000	J-	8000	670000	J-	20000	2600	J-	40	2400	J-	40	3200	J-	400	4700	J-	400
	TRANS-1,2-DICHLOROETHENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	TRICHLOROETHENE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	TRICHLOROFLUOROMETHANE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	VINYL ACETATE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	VINYL CHLORIDE	ND	UJ	800	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	400	ND	UJ	800	ND	UJ	8000	ND	UJ	20000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	400
	XYLENES	ND	UJ	2400	ND	UJ	24000	120	J-	120	ND	UJ	2400	410	J-	1200	ND	UJ	2400	ND	UJ	24000	31000	J-	60000	260	J-	120	360	J-	120	410	J-	120	660	J-	1200
FIXED GASES	CARBON DIOXIDE	0.22		0.1	0.4		0.1	0.29		0.1	0.39		0.1	0.29		0.1	0.26		0.1	0.35		0.1	0.71		0.1	1.1		0.1	2.2		0.1	1.5		0.1	1.4		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	81		0.1	78		0.1	79		0.1	81		0.1	79		0.1	80		0.1	78		0.1	79		0.1	80		0.1	79		0.1	80		0.1
	OXYGEN	20		0.1	18		0.1	21		0.1	20		0.1	19		0.1	20		0.1	19		0.1	19		0.1	20		0.1	18		0.1	19		0.1	17		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106117-250			KAFB-106117-350			KAFB-106117-450			KAFB-106118-025			KAFB-106118-050			KAFB-106118-160			KAFB-106118-160			KAFB-106118-265			KAFB-106118-350			KAFB-106118-450			KAFB-106119-025			KAFB-106119-050		
	SAMPLE NO	VA0520			VA0521			VA0522			VA0523			VA0524			VA0525			VA0526			VA0527			VA0528			VA0529			VA0530			VA0531		
	SAMPLE DATE	9-Sep-11			9-Sep-11			9-Sep-11			24-Aug-11			24-Aug-11			24-Aug-11			24-Aug-11			24-Aug-11			25-Aug-11			25-Aug-11			19-Sep-11			19-Sep-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			150-160 FT			150-160 FT			255-265 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	260000		47000	34000000		2300000	76000000	J-	4700000	290000	J-	94000	250000	J-	94000	460000	J-	94000	520000	J-	94000	2900000	J-	940000	NM			1000000		94000	220000		47000	260000		47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	53000	ND	U	2700000	ND	UJ	5300000	ND	UJ	110000	ND	UJ	110000	33000	J-	110000	ND	UJ	110000	ND	UJ	1100000	NM			ND	U	110000	ND	U	53000	ND	U	53000
	C9-C12 ALIPHATIC HYDROCARBONS	36000	J	76000	1000000	J	3800000	ND	UJ	7600000	90000	J-	150000	97000	J-	150000	98000	J-	150000	ND	UJ	150000	ND	UJ	1500000	NM			33000	J	150000	29000	J	76000	28000	J	76000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,1-DICHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,1-DICHLOROETHENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	U	20000	ND	U	40000	440		400	490		400	580		400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2-DIBROMOETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2-DICHLOROBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2-DICHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,2-DICHLOROPROPANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,3-DICHLOROBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	1,4-DICHLOROBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	2-BUTANONE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	580		400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	2-HEXANONE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	4-METHYL-2-PENTANONE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	ACETONE	ND	U	400	ND	U	20000	ND	U	40000	730		400	2400		400	2900		400	1200	J-	800	ND	UJ	800	NM			2900	J-	800	520		400	440		400
	BENZENE	10000		400	460000		20000	840000		40000	2100		400	2100		400	2900		400	2400	J-	800	43000	J-	800	NM			6000	J-	800	800		400	990		400
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	BROMODICHLOROMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	BROMOFORM	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	BROMOMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CARBON DISULFIDE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CARBON TETRACHLORIDE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CHLOROBENZENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CHLOROETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CHLOROFORM	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CHLOROMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	CYCLOHEXANE	4900		800	1200000		40000	2400000		80000	4800		800	3200		800	4100		800	4100	J-	1600	16000	J-	1600	NM			10000	J-	1600	1400		800	1800		800
	DIBROMOCHLOROMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	ERYTHRENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	ETHYL ACETATE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	ETHYLBENZENE	ND	U	800	ND	U	40000	ND	U	80000	410	J	800	420	J	800	570	J	800	ND	UJ	1600	810	J-	1600	NM			ND	UJ	1600	ND	U	800	ND	U	800
	FREON 113	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	HEPTANE	1500		400	670000		20000	1300000		40000	2200		400	1700		400	2100		400	2000	J-	800	3300	J-	800	NM			2300	J-	800	1200		400	1700		400
	HEXACHLOROBUTADIENE	ND	U	800	ND	U	40000	ND	U	80000	ND	U	800	ND	U	800	ND	U	800	ND	UJ	1600	ND	UJ	1600	NM			ND	UJ	1600	ND	U	800	ND	U	800
	HEXANE	4000		800	1200000		40000	3100000		80000	3400		800	6400		800	2700		800	2900	J-	1600	14000	J-	1600	NM			8200	J-	1600	1200		800	1300		800
	M,P-XYLENES	470	J	800	36000	J	40000	55000	J	80000	1000		800	1100		800	1500		800	950	J-	1600	1500	J-	1600	NM			1200	J-	1600	500	J	800	640	J	800
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	METHYLENE CHLORIDE	ND	U	2000	ND	U	100000	ND	U	200000	3800		2000	17000		2000	1200	J	2000	ND	UJ	4000	ND	UJ	4000	NM			3500	J-	4000	ND	U	2000	ND	U	2000
	NAPHTHALENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	O-XYLENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	410		400	560		400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	PROPYLENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	2300	J-	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	STYRENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	TETRACHLOROETHENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	THF	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	TOLUENE	15000		400	590000		20000	860000		40000	4600		400	4200		400	6100		400	4100	J-	800	71000	J-	800	NM			38000	J-	800	2300		400	3300		400
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	TRICHLOROETHENE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	VINYL ACETATE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	VINYL CHLORIDE	ND	U	400	ND	U	20000	ND	U	40000	ND	U	400	ND	U	400	ND	U	400	ND	UJ	800	ND	UJ	800	NM			ND	UJ	800	ND	U	400	ND	U	400
	XYLENES	470	J	1200	36000	J	60000	55000	J	120000	1000	J	1200	1500		1200	2100		1200	950	J-	2400	1500	J-	2400	NM			1200	J-	2400	500	J	1200	640	J	1200
FIXED GASES	CARBON DIOXIDE	0.58		0.1	1.5		0.1	0.63		0.1	0.38		0.1	0.91		0.1	0.65		0.1	0.74		0.1	0.32		0.1	0.067	J	0.1	0.28		0.1	0.51		0.1	2.7		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	80		0.1	82		0.1	79		0.1	78		0.1	79		0.1	81		0.1	81		0.1	80		0.1	78		0.1	80		0.1	77		0.1	79		0.1
	OXYGEN	19		0.1	16		0.1	19		0.1	21		0.1	19		0.1	18		0.1	18		0.1	18		0.1	21		0.1	20		0.1	21		0.1	18		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106119-150			KAFB-106119-250			KAFB-106119-250			KAFB-106119-350			KAFB-106119-450			KAFB-106120-025			KAFB-106120-050			KAFB-106120-150			KAFB-106120-250			KAFB-106120-350			KAFB-106120-450			KAFB-106121-025		
	SAMPLE NO	VA0532			VA0533			VA0534			VA0535			VA0536			VA0537			VA0538			VA0539			VA0540			VA0541			VA0542			VA0543		
	SAMPLE DATE	19-Sep-11			19-Sep-11			19-Sep-11			19-Sep-11			19-Sep-11			6-Jul-11			6-Jul-11			6-Jul-11			6-Jul-11			6-Jul-11			6-Jul-11			8-Jul-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	140-150 FT			240-250 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	2600000		940000	550000		47000	480000		47000	9400000		940000	6800000		940000	310000	J+	4700	260000		94000	210000		4700	190000		4700	420000		4700	7300000		940000	9200	J-	940
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	ND	U	53000	ND	U	53000	ND	U	1100000	ND	U	1100000	11000	J+	5300	ND	U	110000	9300		5300	10000		5300	10000		5300	ND	U	1100000	380	J-	1100
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	1500000	37000	J	76000	41000	J	76000	260000	J	1500000	240000	J	1500000	170000	J+	7600	90000	J	150000	130000		7600	100000		7600	150000		7600	ND	U	1500000	8100	J-	1500
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,1,2-TRICHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,1-DICHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,1-DICHLOROETHENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2,4-TRICHLOROBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2,4-TRIMETHYLBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2-DIBROMOETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2-DICHLOROBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2-DICHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,2-DICHLOROPROPANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,3,5-TRIMETHYLBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,3-DICHLOROBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	1,4-DICHLOROBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	2-BUTANONE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	2-HEXANONE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	4-METHYL-2-PENTANONE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	ACETONE	ND	U	800	ND	U	400	470		400	ND	U	8000	ND	U	8000	320		40	3800		800	ND	U	40	ND	U	40	ND	U	40	860		800	ND	U	40
	BENZENE	12000		800	15000		400	14000		400	130000		8000	90000		8000	130		40	ND	U	800	46		40	48		40	190		40	17000		800	ND	U	40
	BENZENE, (CHLOROMETHYL)-	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	BROMODICHLOROMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	BROMOFORM	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	BROMOMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CARBON DISULFIDE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CARBON TETRACHLORIDE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CHLOROBENZENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CHLOROETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CHLOROFORM	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	70		40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	160		40
	CHLOROMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	57		40	ND	U	40	ND	U	800	ND	U	40
	CIS-1,2-DICHLOROETHENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CIS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	CYCLOHEXANE	51000		1600	9100		800	11000		800	340000		16000	140000		16000	200		80	ND	U	1600	150		80	160		80	400		80	26000		1600	ND	U	80
	DIBROMOCHLOROMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	DICHLORODIFLUOROMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	ERYTHRENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	ETHYL ACETATE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	ETHYLBENZENE	ND	U	1600	430	J	800	640	J	800	ND	U	16000	ND	U	16000	ND	U	80	ND	U	1600	ND	U	80	ND	U	80	ND	U	80	2100		1600	ND	U	80
	FREON 113	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	HEPTANE	11000		800	3500		400	6600		400	180000		8000	79000		8000	79		40	ND	U	800	57		40	59		40	99		40	11000		800	62		40
	HEXACHLOROBUTADIENE	ND	U	1600	ND	U	800	ND	U	800	ND	U	16000	ND	U	16000	ND	U	80	ND	U	1600	ND	U	80	ND	U	80	ND	U	80	ND	U	1600	ND	U	80
	HEXANE	31000		1600	7900		800	9800		800	200000		16000	130000		16000	ND	U	80	15000		1600	ND	U	80	ND	U	80	280		80	28000		1600	ND	U	80
	M,P-XYLENES	ND	U	1600	940		800	1600		800	16000		16000	12000	J	16000	73	J	80	ND	U	1600	52	J	80	78	J	80	80		80	3100		1600	77	J	80
	METHYL TERT-BUTYL ETHER	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	METHYLENE CHLORIDE	ND	U	4000	ND	U	2000	ND	U	2000	ND	U	40000	ND	U	40000	ND	U	200	26000		4000	ND	U	200	ND	U	200	ND	U	200	2500	J	4000	ND	U	200
	NAPHTHALENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	O-XYLENE	ND	U	800	ND	U	400	510		400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	980		800	ND	U	40
	PROPYLENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	110		40	2700		800	ND	U	40
	STYRENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	TETRACHLOROETHENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	THF	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	TOLUENE	2500		800	24000		400	17000		800	220000		8000	140000		8000	160		40	1000		800	99		40	130		40	210		40	30000		800	220		40
	TRANS-1,2-DICHLOROETHENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	TRANS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	TRICHLOROETHENE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	TRICHLOROFLUOROMETHANE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	VINYL ACETATE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	VINYL CHLORIDE	ND	U	800	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	40	ND	U	800	ND	U	40	ND	U	40	ND	U	40	ND	U	800	ND	U	40
	XYLENES	ND	U	2400	940	J	1200	2100		1200	16000	J	24000	12000	J	24000	73	J	120	ND	U	2400	52	J	120	78	J	120	80	J	120	4100		2400	77	J	120
FIXED GASES	CARBON DIOXIDE	4.1		0.1	0.71		0.1	0.66		0.1	0.42		0.1	0.59		0.1	0.78		0.1	0.51		0.1	0.33		0.1	0.28		0.1	0.3		0.1	0.22		0.1	0.75		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	82		0.1	80		0.1	79		0.1	78		0.1	79		0.1	78		0.1	77		0.1	79		0.1	77		0.1	78		0.1	79		0.1	78		0.1
	OXYGEN	13		0.1	18		0.1	18		0.1	20		0.1	19		0.1	21		0.1	21		0.1	20		0.1	21		0.1	21		0.1	20		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106121-050			KAFB-106121-050			KAFB-106121-150			KAFB-106121-250			KAFB-106121-350			KAFB-106121-450			KAFB-106122-025			KAFB-106122-050			KAFB-106122-150			KAFB-106122-250			KAFB-106122-350			KAFB-106122-450		
	SAMPLE NO	VA0544			VA0544R			VA0545			VA0546			VA0547			VA0548			VA0549			VA0550			VA0551			VA0552			VA0553			VA0554		
	SAMPLE DATE	8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			8-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			12-Jul-11			12-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	40-50 FT			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			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	6400	J-	940	N/A			7500	J-	940	8200	J-	940	6200000	J-	940000	260000	J-	94000	18000	J-	1900	14000	J-	1900	ND	UJ	940	ND	UJ	940	ND	U	94000	ND	U	94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1100	N/A			330	J-	1100	360	J-	1100	ND	UJ	1100000	ND	UJ	110000	ND	UJ	2100	ND	UJ	2100	ND	UJ	1100	ND	UJ	1100	ND	U	110000	ND	U	110000
	C9-C12 ALIPHATIC HYDROCARBONS	4200	J-	1500	N/A			6400	J-	1500	6900	J-	1500	ND	UJ	1500000	ND	UJ	150000	4100	J-	3000	8100	J-	3000	ND	UJ	1500	ND	UJ	1500	ND	U	150000	ND	U	150000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,1,2-TRICHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,1-DICHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,1-DICHLOROETHENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2,4-TRICHLOROBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2,4-TRIMETHYLBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	11		8	15		8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2-DIBROMOETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2-DICHLOROBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2-DICHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,2-DICHLOROPROPANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,3,5-TRIMETHYLBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	8.4		8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,3-DICHLOROBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	1,4-DICHLOROBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	2-BUTANONE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	32		8	37		8	16		8	22		8	ND	U	800	ND	U	800
	2-HEXANONE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	4-METHYL-2-PENTANONE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	ACETONE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	1200		800	34		8	32		8	13		8	31		8	ND	U	800	840		800
	BENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	4700		800	ND	U	800	46		8	17		8	9.5		8	ND	U	8	ND	U	800	1100		800
	BENZENE, (CHLOROMETHYL)-	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	BROMODICHLOROMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	92		8	13		8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	BROMOFORM	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	BROMOMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CARBON DISULFIDE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CARBON TETRACHLORIDE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	73		8	68		8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CHLOROBENZENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CHLOROETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CHLOROFORM	170		40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	700		8	130		8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CHLOROMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	16		8	ND	U	8	14		8	ND	U	800	ND	U	800
	CIS-1,2-DICHLOROETHENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CIS-1,3-DICHLOROPROPENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	CYCLOHEXANE	64	J	80	N/A			61	J	80	50	J	80	20000		1600	1300	J	1600	160		16	67		16	22		16	16		16	2400		1600	1800		1600
	DIBROMOCHLOROMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	23		8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	DICHLORODIFLUOROMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	ERYTHRENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	ETHYL ACETATE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	ETHYLBENZENE	ND	U	80	N/A			ND	U	80	ND	U	80	ND	U	1600	ND	U	1600	13	J	16	16		16	8	J	16	ND	U	16	ND	U	1600	ND	U	1600
	FREON 113	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	HEPTANE	43		40	N/A			47		40	42		40	6600		800	ND	U	800	28		8	26		8	16		8	9.4		8	ND	U	800	ND	U	800
	HEXACHLOROBUTADIENE	ND	U	80	N/A			ND	U	80	ND	U	80	ND	U	1600	ND	U	1600	ND	U	16	ND	U	16	ND	U	16	ND	U	16	ND	U	1600	ND	U	1600
	HEXANE	ND	U	80	N/A			ND	U	80	ND	U	80	20000		1600	1800		1600	130		16	22		16	8.1	J	16	11	J	16	2500		1600	2100		1600
	M,P-XYLENES	70	J	80	N/A			76	J	80	70	J	80	ND	U	1600	ND	U	1600	35		16	46		16	22		16	21		16	ND	U	1600	ND	U	1600
	METHYL TERT-BUTYL ETHER	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	METHYLENE CHLORIDE	ND	U	200	N/A			ND	U	200	ND	U	200	ND	U	4000	5100		4000	ND	U	40	ND	U	40	ND	U	40	23	J	40	2000	J	4000	2200	J	4000
	NAPHTHALENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	O-XYLENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	17		8	22		8	10		8	9.5		8	ND	U	800	ND	U	800
	PROPYLENE	ND	U	40	N/A			ND	U	40	ND	U	40	3100		800	ND	U	800	12		8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	STYRENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	TETRACHLOROETHENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	THF	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	TOLUENE	210		40	N/A			190		40	160		40	13000		800	1600		800	98		8	94		8	59		8	51		8	1400		800	2100		800
	TRANS-1,2-DICHLOROETHENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	TRANS-1,3-DICHLOROPROPENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	TRICHLOROETHENE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	TRICHLOROFLUOROMETHANE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	VINYL ACETATE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	VINYL CHLORIDE	ND	U	40	N/A			ND	U	40	ND	U	40	ND	U	800	ND	U	800	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	800	ND	U	800
	XYLENES	70	J	120	N/A			76	J	120	70	J	120	ND	U	2400	ND	U	2400	52		24	68		24	32		24	31		24	ND	U	2400	ND	U	2400
FIXED GASES	CARBON DIOXIDE				0.41		0.1	0.17		0.1	0.22		0.1	0.15		0.1	0.1		0.1	0.72		0.1	0.63		0.1	0.2		0.1	0.19		0.1	0.16		0.1	0.11		0.1
Method D2504	CARBON MONOXIDE				ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE				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	ND	U	0.5	ND	U	0.5
	NITROGEN				78		0.1	79		0.1	78		0.1	80		0.1	78		0.1	79		0.1	79		0.1	79		0.1	79		0.1	79		0.1	78		0.1
	OXYGEN				21		0.1	21		0.1	21		0.1	20		0.1	21		0.1	20		0.1	20		0.1	20		0.1	21		0.1	20		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106123-025			KAFB-106123-050			KAFB-106123-150			KAFB-106123-250			KAFB-106123-350			KAFB-106123-450			KAFB-106124-025			KAFB-106124-050			KAFB-106124-150			KAFB-106124-250			KAFB-106124-350			KAFB-106124-450		
	SAMPLE NO	VA0555			VA0556			VA0557			VA0558			VA0559			VA0560			VA0561			VA0562			VA0563			VA0564			VA0565			VA0566		
	SAMPLE DATE	14-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			14-Jul-11			19-Jul-11			19-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11			20-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			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			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	27000		12000	21000		12000	23000		12000	550000		94000	280000		94000	88000		12000	180000	J-	47000	93000	J-	47000	380000	J	940000	16000	J-	4700	62000	J-	4700	7700000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	13000	ND	U	13000	ND	U	13000	ND	U	110000	ND	U	110000	ND	U	13000	ND	UJ	53000	ND	UJ	53000	ND	U	1100000	ND	UJ	5300	ND	UJ	5300	ND	UJ	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	15000	J	19000	ND	U	19000	3500	J	19000	ND	U	150000	ND	U	150000	ND	U	19000	23000	J-	76000	ND	UJ	76000	ND	U	1500000	12000	J-	7600	9000	J-	7600	ND	UJ	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	200	6.9	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,1,2-TRICHLOROETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,1-DICHLOROETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,1-DICHLOROETHENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,2,4-TRICHLOROBENZENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,2,4-TRIMETHYLBENZENE	320	J-	200	4.4	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	30	J-	200	ND	UJ	200	37	J-	8	38	J-	8	29	J-	8	490	J-	800
	1,2-DIBROMOETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	1.6	J-	8	1.7	J-	8	ND	UJ	8	ND	UJ	800
	1,2-DICHLOROBENZENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,2-DICHLOROETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,2-DICHLOROPROPANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,3,5-TRIMETHYLBENZENE	99	J-	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	20	J-	8	20	J-	8	14	J-	8	240	J-	800
	1,3-DICHLOROBENZENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	1,4-DICHLOROBENZENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	2-BUTANONE	190	J-	200	30	J-	8	46	J-	40	46	J-	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	13	J-	8	23	J-	8	18	J-	8	430	J-	800
	2-HEXANONE	ND	UJ	200	7.8	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	4-METHYL-2-PENTANONE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	ACETONE	960	J-	200	35	J-	8	52	J-	40	52	J-	40	1700	J-	400	570	J-	400	ND	UJ	200	290	J-	200	15	J-	8	8	J-	8	ND	UJ	8	ND	UJ	800
	BENZENE	76	J-	200	10	J-	8	ND	UJ	40	21	J-	40	2400	J-	400	ND	UJ	400	590	J-	200	210	J-	200	59	J-	8	85	J-	8	73	J-	8	4000	J-	800
	BENZENE, (CHLOROMETHYL)-	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	BROMODICHLOROMETHANE	ND	UJ	200	25	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	170	J-	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	BROMOFORM	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	BROMOMETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CARBON DISULFIDE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	1.2	J-	8	1.2	J-	8	ND	UJ	8	ND	UJ	800
	CARBON TETRACHLORIDE	31	J-	200	58	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	95	J-	200	56	J-	200	3.8	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CHLOROBENZENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CHLOROETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CHLOROFORM	96	J-	200	110	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	1400	J-	200	500	J-	200	8.5	J-	8	1.8	J-	8	ND	UJ	8	250	J-	800
	CHLOROMETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	240	J-	800
	CIS-1,2-DICHLOROETHENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CIS-1,3-DICHLOROPROPENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	CYCLOHEXANE	120	J-	200	27	J-	16	43	J-	80	32	J-	80	9400	J-	800	550	J-	800	1000	J-	200	400	J-	200	70	J-	8	100	J-	8	210	J-	8	15000	J-	800
	DIBROMOCHLOROMETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	DICHLORODIFLUOROMETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	310	J-	800
	ERYTHRENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	ETHYL ACETATE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	ETHYLBENZENE	79	J-	200	6.2	J-	16	ND	UJ	80	ND	UJ	80	ND	UJ	800	ND	UJ	800	190	J-	200	87	J-	200	77	J-	8	85	J-	8	59	J-	8	1200	J-	800
	FREON 113	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	HEPTANE	ND	UJ	200	16	J-	8	ND	UJ	40	ND	UJ	40	2100	J-	400	ND	UJ	400	1000	J-	200	270	J-	200	110	J-	8	150	J-	8	100	J-	8	5500	J-	800
	HEXACHLOROBUTADIENE	ND	UJ	200	ND	UJ	16	ND	UJ	80	ND	UJ	80	ND	UJ	800	ND	UJ	800	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	HEXANE	ND	UJ	200	11	J-	16	ND	UJ	80	ND	UJ	80	8800		800	1300	J-	800	610	J-	200	200	J-	200	63	J-	8	79	J-	8	270	J-	8	24000	J-	800
	M,P-XYLENES	620	J-	200	17	J-	16	ND	UJ	80	22	J-	80	ND	UJ	800	ND	UJ	800	480	J-	200	300	J-	200	260	J-	8	260	J-	8	190	J-	8	3900	J-	800
	METHYL TERT-BUTYL ETHER	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	METHYLENE CHLORIDE	420	J-	200	ND	UJ	40	ND	UJ	200	ND	UJ	200	930	J-	2000	1400	J-	2000	64	J-	200	88	J-	200	ND	UJ	8	ND	UJ	8	ND	UJ	8	2600	J-	800
	NAPHTHALENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	O-XYLENE	120	J-	200	7	J-	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	130	J-	200	68	J-	200	87	J-	8	89	J-	8	61	J-	8	1000	J-	800
	PROPYLENE	ND	UJ	200	8.5	J-	8	ND	UJ	40	ND	UJ	40	1400		400	ND	UJ	400	ND	UJ	200	430	J-	200	ND	U	8	10	J-	8	210	J-	8	5200	J-	800
	STYRENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	TETRACHLOROETHENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	THF	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	490	J-	800
	TOLUENE	480	J-	200	76	J-	8	76	J-	40	78	J-	40	5000		400	1100	J-	400	2400	J-	200	1100	J-	200	430	J-	8	520	J-	8	360	J-	8	11000	J-	800
	TRANS-1,2-DICHLOROETHENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	TRICHLOROETHENE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	TRICHLOROFLUOROMETHANE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	130	J-	800
	VINYL ACETATE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	VINYL CHLORIDE	ND	UJ	200	ND	UJ	8	ND	UJ	40	ND	UJ	40	ND	U	400	ND	UJ	400	ND	UJ	200	ND	UJ	200	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	800
	XYLENES	740	J-	200	24	J-	24	ND	UJ	120	ND	UJ	120	ND	U	1200	ND	UJ	1200	610	J-	200	360	J-	200	350	J-	8	350	J-	8	250	J-	8	4900	J-	800
FIXED GASES	CARBON DIOXIDE	0.73		0.1	0.98		0.1	0.15		0.1	0.19		0.1	0.18		0.1	0.098	J	0.1	0.55		0.1	0.57		0.1	0.2		0.1	0.12		0.1	0.11		0.1	0.17		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	79		0.1	79		0.1	78		0.1	79		0.1	77		0.1	78		0.1	79		0.1	78		0.1	77		0.1	78		0.1	79		0.1
	OXYGEN	20		0.1	19		0.1	20		0.1	21		0.1	20		0.1	21		0.1	20		0.1	20		0.1	20		0.1	21		0.1	21		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106125-025			KAFB-106125-050			KAFB-106125-150			KAFB-106125-250			KAFB-106125-350			KAFB-106125-450			KAFB-106126-025			KAFB-106126-050			KAFB-106126-150			KAFB-106126-250			KAFB-106126-350			KAFB-106126-450		
	SAMPLE NO	VA0567			VA0568			VA0569			VA0570			VA0571			VA0572			VA0573			VA0574			VA0575			VA0576			VA0577			VA0578		
	SAMPLE DATE	21-Jul-11			21-Jul-11			21-Jul-11			22-Jul-11			22-Jul-11			22-Jul-11			15-Aug-11			15-Aug-11			15-Aug-11			15-Aug-11			15-Aug-11			15-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			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			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	48000		4700	130000		47000	13000	J-	4700	12000	J-	4700	10000	J-	4700	39000	J-	4700	410000		94000	160000		94000	190000		94000	210000		94000	880000		94000	6900000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5300	ND	U	53000	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	UJ	5300	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	U	110000	ND	UJ	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	13000		7600	30000	J	76000	9000	J-	7600	4100	J-	7600	ND	UJ	7600	ND	UJ	7600	ND	U	150000	ND	U	150000	ND	U	150000	ND	U	150000	ND	U	150000	ND	UJ	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,1,2-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,1-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,1-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2,4-TRICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2,4-TRIMETHYLBENZENE	28	J-	8	32	J-	8	25	J-	8	15	J-	8	16	J-	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2-DIBROMOETHANE	1.4	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,2-DICHLOROPROPANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,3,5-TRIMETHYLBENZENE	15	J-	8	16	J-	8	12	J-	8	7.7	J-	8	7.8	J-	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,3-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	1,4-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	2-BUTANONE	27	J-	8	28	J-	8	28	J-	8	12	J-	8	26	J-	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	2-HEXANONE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	4-METHYL-2-PENTANONE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	ACETONE	32	J-	8	29	J-	8	18	J-	8	11	J-	8	ND	UJ	8	ND	UJ	800	920	J-	400	1000	J-	400	580	J-	400	3000	J-	400	ND	UJ	400	1300	J-	400
	BENZENE	130	J-	8	53	J-	8	40	J-	8	25	J-	8	150	J-	8	1200	J-	800	1100	J-	400	1000	J-	400	960	J-	400	1400	J-	400	3300	J-	400	2700	J-	400
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	BROMODICHLOROMETHANE	20	J-	8	13	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	BROMOFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	BROMOMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CARBON DISULFIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CARBON TETRACHLORIDE	11	J-	8	16	J-	8	5.6	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CHLOROFORM	100	J-	8	150	J-	8	4.5	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	120	J-	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CIS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	CYCLOHEXANE	260	J-	8	92	J-	8	64	J-	8	36	J-	8	1100	J-	8	4000	J-	800	2200	J-	800	2500	J-	800	1900	J-	800	2100	J-	800	6500	J-	800	16000	J-	800
	DIBROMOCHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	DICHLORODIFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	270	J-	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	ERYTHRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	ETHYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	ETHYLBENZENE	84	J-	8	64	J-	8	51	J-	8	33	J-	8	37	J-	8	250	J-	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800
	FREON 113	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	HEPTANE	240	J-	8	110	J-	8	80	J-	8	50	J-	8	260	J-	8	1400	J-	800	2300	J-	400	2000	J-	400	1900	J-	400	2100	J-	400	5800	J-	400	5700	J-	400
	HEXACHLOROBUTADIENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800
	HEXANE	170	J-	8	60	J-	8	43	J-	8	23	J-	8	1500	J-	8	6700	J-	800	2400	J-	800	1900	J-	800	1800	J-	800	4300	J-	800	7100	J-	800	17000	J-	800
	M,P-XYLENES	250	J-	8	210	J-	8	170	J-	8	100	J-	8	110	J-	8	1200	J-	800	470	J-	800	450	J-	800	400	J-	800	440	J-	800	1100	J-	800	700	J-	800
	METHYL TERT-BUTYL ETHER	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	METHYLENE CHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	6.7	J-	8	2300	J-	800	3700	J-	2000	2100	J-	2000	2600	J-	2000	8100	J-	2000	ND	UJ	2000	2000	J-	2000
	NAPHTHALENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	O-XYLENE	78	J-	8	74	J-	8	55	J-	8	36	J-	8	35	J-	8	290	J-	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	PROPYLENE	8.2	J-	8	ND	UJ	8	14	J-	8	ND	UJ	8	1000	J-	8	2000	J-	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	1300	J-	400	1600	J-	400
	STYRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	TETRACHLOROETHENE	1.5	J-	8	2.3	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	THF	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	300	J-	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	TOLUENE	600	J-	8	390	J-	8	300	J-	8	170	J-	8	370	J-	8	3600	J-	800	3500	J-	400	2800	J-	400	2900	J-	400	3300	J-	400	10000	J-	400	9100	J-	400
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	TRICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	TRICHLOROFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	VINYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	VINYL CHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400	ND	UJ	400
	XYLENES	330	J-	8	280	J-	8	220	J-	8	140	J-	8	150	J-	8	1400	J-	800	470	J-	1200	450	J-	1200	400	J-	1200	440	J-	1200	700	J-	1200	700	J-	1200
FIXED GASES	CARBON DIOXIDE	0.77		0.1	1.2		0.1	0.17		0.1	0.13		0.1	0.14		0.1	0.15		0.1	0.66		0.1	0.5		0.1	0.14		0.1	0.11		0.1	0.11		0.1	0.17		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	78		0.1	79		0.1	78		0.1	77		0.1	79		0.1	79		0.1	79		0.1	78		0.1	78		0.1	78		0.1	79		0.1
	OXYGEN	20		0.1	19		0.1	20		0.1	21		0.1	21		0.1	20		0.1	20		0.1	20		0.1	20		0.1	21		0.1	21		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106127-025			KAFB-106127-050			KAFB-106127-150			KAFB-106127-250			KAFB-106127-350			KAFB-106127-450			KAFB-106128-025			KAFB-106128-025			KAFB-106128-050			KAFB-106128-150			KAFB-106128-250			KAFB-106128-350		
	SAMPLE NO	VA0579			VA0580			VA0581			VA0582			VA0583			VA0584			VA0585			VA0586			VA0587			VA0588			VA0589			VA0590		
	SAMPLE DATE	19-Aug-11			18-Aug-11			18-Aug-11			18-Aug-11			19-Aug-11			19-Aug-11			29-Aug-11			29-Aug-11			6-Sep-11			6-Sep-11			6-Sep-11			6-Sep-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			15-25 FT			40-50 FT			140.2-150.2 FT			240.3-250.3 FT			340.4-350.4 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	140000	J-	47000	200000	J-	47000	210000	J-	47000	160000	J-	47000	3300000	J-	940000	9600000	J-	940000	500000		94000	430000		94000	NM			8900000		940000	4200000		940000	4300000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	33000	J-	53000	34000	J-	53000	30000	J-	53000	18000	J-	53000	ND	UJ	1100000	ND	UJ	1100000	46000	J	110000	44000	J	110000	NM			ND	U	1100000	ND	U	1100000	ND	U	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	160000	J-	76000	190000	J-	76000	160000	J-	76000	120000	J-	76000	ND	UJ	1500000	ND	UJ	1500000	180000		150000	150000		150000	NM			ND	U	1500000	790000	J	1500000	ND	U	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,1,2-TRICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,1-DICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,1-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,2,4-TRICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,2,4-TRIMETHYLBENZENE	370	J-	40	320	J-	40	ND	UJ	800	1200	J-	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	53	J-	40	ND	U	800
	1,2-DIBROMOETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,2-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,2-DICHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,2-DICHLOROPROPANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,3,5-TRIMETHYLBENZENE	100	J-	40	88	J-	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,3-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	1,4-DICHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	2-BUTANONE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	2-HEXANONE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	4-METHYL-2-PENTANONE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	ACETONE	ND	UJ	40	ND	UJ	40	2500	J-	800	6600	J-	800	1700	J-	800	1000	J-	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	2300		800
	BENZENE	ND	UJ	40	ND	UJ	40	1600	J-	800	1500	J-	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			170000		8000	54	J-	40	82000	J-	8000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	BROMODICHLOROMETHANE	58	J-	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	BROMOFORM	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	BROMOMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CARBON DISULFIDE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CARBON TETRACHLORIDE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CHLOROBENZENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CHLOROETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CHLOROFORM	410	J-	40	210	J-	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CHLOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CIS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CIS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	CYCLOHEXANE	ND	UJ	80	ND	UJ	80	2900	J-	1600	3100	J-	1600	7200	J-	1600	24000	J-	1600	2900	J-	1600	2800	J-	1600	NM			210000		16000	260	J-	80	87000	J-	16000
	DIBROMOCHLOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	DICHLORODIFLUOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	ERYTHRENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	ETHYL ACETATE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	ETHYLBENZENE	260	J-	80	260	J-	80	ND	UJ	1600	1400	J-	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	NM			ND	U	16000	48	J-	80	1700		1600
	FREON 113	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	HEPTANE	660	J-	40	1000	J-	40	2300	J-	800	3200	J-	800	1900	J-	800	4800	J-	800	2800	J-	800	2600	J-	800	NM			120000		8000	240	J-	40	30000		800
	HEXACHLOROBUTADIENE	ND	UJ	80	ND	UJ	80	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	NM			ND	U	16000	ND	UJ	80	ND	U	1600
	HEXANE	210	J-	80	340	J-	80	3200	J-	1600	3400	J-	1600	9800	J-	1600	23000	J-	1600	1900	J-	1600	1600	J-	1600	NM			210000		16000	ND	UJ	80	99000	J-	16000
	M,P-XYLENES	890	J-	80	820	J-	80	1600	J-	1600	3400	J-	1600	ND	UJ	1600	940	J-	1600	1300	J-	1600	1500	J-	1600	NM			11000	J	16000	150	J-	80	5400		1600
	METHYL TERT-BUTYL ETHER	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	METHYLENE CHLORIDE	ND	UJ	200	ND	UJ	200	6000	J-	4000	57000	J-	4000	4100	J-	4000	ND	UJ	4000	3700	J-	4000	ND	UJ	4000	NM			ND	U	40000	360	J-	200	ND	U	4000
	NAPHTHALENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	O-XYLENE	250	J-	40	220	J-	40	ND	UJ	800	1100	J-	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	66	J-	40	1400		800
	PROPYLENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	2800	J-	800	2500	J-	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	3600		800
	STYRENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	TETRACHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	THF	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	TOLUENE	1600	J-	40	2100	J-	40	5900	J-	800	8600	J-	800	2400	J-	800	5500	J-	800	4600	J-	800	4900	J-	800	NM			220000		8000	440	J-	40	110000	J-	8000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	TRICHLOROETHENE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	TRICHLOROFLUOROMETHANE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	VINYL ACETATE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	VINYL CHLORIDE	ND	UJ	40	ND	UJ	40	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	800	NM			ND	U	8000	ND	UJ	40	ND	U	800
	XYLENES	1100	J-	120	1000	J-	120	1600	J-	2400	4500	J-	2400	ND	UJ	2400	940	J-	2400	1300	J-	2400	1500	J-	2400	NM			11000	J	24000	220	J-	120	6800		2400
FIXED GASES	CARBON DIOXIDE	0.29		0.1	0.28		0.1	0.16		0.1	0.12		0.1	0.28		0.1	0.2		0.1	0.48		0.1	0.6		0.1	1.4		0.1	2		0.1	1		0.1	0.32		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	79		0.1	79		0.1	78		0.1	79		0.1	80		0.1	78		0.1	77		0.1	78		0.1	79		0.1	78		0.1	78		0.1
	OXYGEN	21		0.1	21		0.1	20		0.1	21		0.1	21		0.1	20		0.1	20		0.1	20		0.1	19		0.1	17		0.1	19		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106128-450			KAFB-106129-025			KAFB-106129-050			KAFB-106129-050			KAFB-106129-150			KAFB-106129-250			KAFB-106129-350			KAFB-106129-450			KAFB-106130-025			KAFB-106130-050			KAFB-106130-150			KAFB-106130-250		
	SAMPLE NO	VA0591			VA0592			VA0593			VA0594			VA0595			VA0596			VA0597			VA0598			VA0599			VA0600			VA0601			VA0602		
	SAMPLE DATE	6-Sep-11			21-Sep-11			21-Sep-11			21-Sep-11			21-Sep-11			21-Sep-11			26-Sep-11			22-Sep-11			26-Sep-11			26-Sep-11			26-Sep-11			26-Sep-11		
	SAMPLE PURPOSE	REG			REG			REG			FD			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	440-450 FT			15-25 FT			40-50 FT			40-50 FT			140-150 FT			240.1-250.1 FT			347.4-350.7 FT			440.7-450.7 FT			15-25 FT			40-50 FT			150-160 FT			240-250 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	25000000		2300000	220000		47000	170000		47000	220000		47000	200000		47000	210000		47000	6600000		940000	6900000		940000	120000		47000	2500000		940000	270000		47000	240000		47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	2700000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	53000	ND	U	1100000	ND	U	53000	ND	U	53000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	3800000	64000	J	76000	46000	J	76000	63000	J	76000	52000	J	76000	46000	J	76000	ND	U	1500000	ND	U	1500000	ND	U	76000	ND	U	1500000	82000		76000	71000	J	76000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,1,2-TRICHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,1-DICHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,1-DICHLOROETHENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2,4-TRICHLOROBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2,4-TRIMETHYLBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2-DIBROMOETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2-DICHLOROBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2-DICHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,2-DICHLOROPROPANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,3,5-TRIMETHYLBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,3-DICHLOROBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	1,4-DICHLOROBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	2-BUTANONE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	420	J-	400
	2-HEXANONE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	4-METHYL-2-PENTANONE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	ACETONE	22000		20000	1000		400	ND	U	400	640		400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	1000		800	ND	U	400	430	J-	400
	BENZENE	410000		20000	1100		400	1000		400	1100		400	810		400	740		400	16000		8000	69000		8000	840		400	9400		800	2500		400	3100	J-	400
	BENZENE, (CHLOROMETHYL)-	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	BROMODICHLOROMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	BROMOFORM	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	BROMOMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CARBON DISULFIDE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CARBON TETRACHLORIDE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CHLOROBENZENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CHLOROETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CHLOROFORM	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CHLOROMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CIS-1,2-DICHLOROETHENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CIS-1,3-DICHLOROPROPENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	CYCLOHEXANE	970000		40000	2100		800	3100		800	2900		800	1500		800	1600		800	65000		16000	74000		16000	1200		800	32000		1600	4600		800	4700	J-	800
	DIBROMOCHLOROMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	DICHLORODIFLUOROMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	ERYTHRENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	ETHYL ACETATE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	ETHYLBENZENE	ND	U	40000	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	16000	ND	U	16000	ND	U	800	950	J	1600	590	J	800	610	J-	800
	FREON 113	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	HEPTANE	460000		20000	1300		400	1600		400	1900		400	1000		400	970		400	ND	U	8000	25000		8000	880		400	13000		800	5100		400	4600	J-	400
	HEXACHLOROBUTADIENE	ND	U	40000	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	800	ND	U	16000	ND	U	16000	ND	U	800	ND	U	1600	ND	U	800	ND	UJ	800
	HEXANE	1100000		40000	1500		800	2900		800	2700		800	1000		800	990		800	51000		16000	81000		16000	1600		800	23000		1600	2800		800	3100	J-	800
	M,P-XYLENES	ND	U	40000	770	J	800	630	J	800	930		800	600	J	800	630	J	800	ND	U	16000	ND	U	16000	ND	U	800	2800		1600	2000		800	2000	J-	800
	METHYL TERT-BUTYL ETHER	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	METHYLENE CHLORIDE	ND	U	100000	2100		2000	1200	J	2000	1100	J	2000	ND	U	2000	ND	U	2000	ND	U	40000	ND	U	40000	ND	U	2000	ND	U	4000	ND	U	2000	ND	UJ	2000
	NAPHTHALENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	O-XYLENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	520		400	530	J-	400
	PROPYLENE	23000		20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	15000		8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	STYRENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	TETRACHLOROETHENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	THF	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	TOLUENE	530000		20000	2100		400	1600		400	2400		400	1700		400	1900		400	24000		8000	83000		8000	2300		400	29000		800	12000		400	12000	J-	400
	TRANS-1,2-DICHLOROETHENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	TRICHLOROETHENE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	TRICHLOROFLUOROMETHANE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	VINYL ACETATE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	VINYL CHLORIDE	ND	U	20000	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	800	ND	U	400	ND	UJ	400
	XYLENES	ND	U	60000	770	J	1200	630	J	1200	930	J	1200	600	J	1200	630	J	1200	ND	U	24000	ND	U	24000	ND	U	1200	2800		2400	2500		1200	2500	J-	1200
FIXED GASES	CARBON DIOXIDE	0.55		0.1	0.14		0.1	0.12		0.1	0.12		0.1	0.11		0.1	0.29		0.1	0.18		0.1	0.18		0.1	0.23		0.1	0.18		0.1	0.25		0.1	0.85		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	77		0.1	77		0.1	77		0.1	78		0.1	78		0.1	78		0.1	78		0.1	77		0.1	78		0.1	79		0.1	79		0.1
	OXYGEN	19		0.1	21		0.1	20		0.1	20		0.1	20		0.1	19		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	18		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106130-250			KAFB-106130-350			KAFB-106130-450			KAFB-106131-025			KAFB-106131-055			KAFB-106131-150			KAFB-106131-245			KAFB-106131-350			KAFB-106131-350			KAFB-106131-450			KAFB-106132-025			KAFB-106132-050		
	SAMPLE NO	VA0603			VA0604			VA0605			VA0606			VA0607			VA0608			VA0609			VA0610			VA0611			VA0612			VA0613			VA0614		
	SAMPLE DATE	26-Sep-11			27-Sep-11			27-Sep-11			3-Aug-11			3-Aug-11			4-Aug-11			4-Aug-11			4-Aug-11			4-Aug-11			4-Aug-11			11-Jul-11			11-Jul-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	240-250 FT			340-350 FT			440-450 FT			15-25 FT			45-55 FT			140-150 FT			235-245 FT			340-350 FT			340-350 FT			430-440 FT			15-25 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	270000		47000	4200000		940000	9300000		940000	5600		1200	5300		1200	4300		1200	4800		1200	1400000		94000	1100000		94000	19000000		940000	ND	UJ	940	ND	UJ	940
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	110000	ND	U	110000	ND	U	1100000	460	J-	1100	310	J-	1100
	C9-C12 ALIPHATIC HYDROCARBONS	98000		76000	ND	U	1500000	ND	U	1500000	2000		1900	1800		1900	1800	J	1900	1800	J	1900	ND	U	150000	ND	U	150000	ND	U	1500000	ND	UJ	1500	ND	UJ	1500
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,1-DICHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,1-DICHLOROETHENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	16		8	13		8
	1,2-DIBROMOETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,2-DICHLOROBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,2-DICHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,2-DICHLOROPROPANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	9.3		8	ND	U	8
	1,3-DICHLOROBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	1,4-DICHLOROBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	2-BUTANONE	ND	U	400	ND	U	8000	ND	U	8000	31	J-	10	23	J-	10	28	J-	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	21		8	28		8
	2-HEXANONE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	4-METHYL-2-PENTANONE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	ACETONE	ND	U	400	ND	U	8000	ND	U	8000	59	J-	10	44	J-	10	57	J-	10	1200	J-	800	ND	UJ	800	ND	UJ	800	2600	J-	1600	18		8	20		8
	BENZENE	2500		400	ND	U	8000	140000		8000	11	J-	10	ND	UJ	10	ND	UJ	10	5600	J-	800	15000	J-	800	9400	J-	800	78000	J-	1600	25		8	16		8
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	BROMODICHLOROMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	BROMOFORM	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	BROMOMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CARBON DISULFIDE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CARBON TETRACHLORIDE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CHLOROBENZENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CHLOROETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CHLOROFORM	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CHLOROMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	CYCLOHEXANE	3800		800	61000		16000	400000		16000	28	J-	20	25	J-	20	18	J-	20	6800	J-	1600	21000	J-	1600	13000	J-	1600	77000	J-	3200	56		16	33		16
	DIBROMOCHLOROMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	ERYTHRENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	ETHYL ACETATE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	ETHYLBENZENE	410	J	800	ND	U	16000	ND	U	16000	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	2000	J-	3200	31		16	19		16
	FREON 113	ND	U	400	ND	U	8000	ND	U	8000	18	J-	10	26	J-	10	38	J-	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	HEPTANE	3300		400	13000		8000	180000		8000	11	J-	10	ND	UJ	10	ND	UJ	10	4900	J-	800	4600	J-	800	2900	J-	800	24000	J-	1600	44		8	26		8
	HEXACHLOROBUTADIENE	ND	U	800	ND	U	16000	ND	U	16000	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	ND	UJ	3200	ND	U	16	ND	U	16
	HEXANE	2600		800	56000		16000	450000		16000	12	J-	20	ND	UJ	20	ND	UJ	20	9800	J-	1600	28000	J-	1600	18000	J-	1600	97000	J-	3200	16		16	10	J	16
	M,P-XYLENES	1300		800	ND	U	16000	11000	J	16000	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	1600	ND	UJ	1600	ND	UJ	1600	3400	J-	3200	84		16	54		16
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	METHYLENE CHLORIDE	ND	U	2000	ND	U	40000	ND	U	40000	ND	UJ	50	ND	UJ	50	ND	UJ	50	14000	J-	4000	2000	J-	4000	ND	UJ	4000	36000	J-	8000	ND	U	40	ND	U	40
	NAPHTHALENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	O-XYLENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	35		8	23		8
	PROPYLENE	ND	U	400	ND	U	8000	13000		8000	12	J-	10	ND	UJ	10	11	J-	10	ND	UJ	800	2700	J-	800	1700	J-	800	4700	J-	1600	ND	U	8	ND	U	8
	STYRENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	TETRACHLOROETHENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	THF	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	TOLUENE	6700		400	12000		8000	180000		8000	35	J-	10	27	J-	10	33	J-	10	7700	J-	800	22000	J-	800	12000	J-	800	87000	J-	1600	150		8	100		8
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	TRICHLOROETHENE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	VINYL ACETATE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	VINYL CHLORIDE	ND	U	400	ND	U	8000	ND	U	8000	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	800	ND	UJ	800	ND	UJ	800	ND	UJ	1600	ND	U	8	ND	U	8
	XYLENES	1300		1200	ND	U	24000	11000	J	24000	ND	UJ	30	ND	UJ	30	ND	UJ	30	ND	UJ	2400	ND	UJ	2400	ND	UJ	2400	3400	J-	4800	120		24	77		24
FIXED GASES	CARBON DIOXIDE	0.41		0.1	0.84		0.1	0.34		0.1	0.16		0.1	0.15		0.1	0.14		0.1	0.24		0.1	0.11		0.1	0.1		0.1	0.12		0.1	0.49		0.1	0.59		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	77		0.1	80		0.1	79		0.1	78		0.1	78		0.1	79		0.1	79		0.1	79		0.1	79		0.1	79		0.1	79		0.1	79		0.1
	OXYGEN	20		0.1	17		0.1	18		0.1	21		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106132-175			KAFB-106132-250			KAFB-106132-250			KAFB-106132-350			KAFB-106132-450			KAFB-106133-025			KAFB-106133-050			KAFB-106133-170			KAFB-106133-170			KAFB-106133-250			KAFB-106133-350			KAFB-106133-450		
	SAMPLE NO	VA0615			VA0616			VA0617			VA0618			VA0619			VA0620			VA0621			VA0622			VA0623			VA0624			VA0625			VA0626		
	SAMPLE DATE	11-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			11-Jul-11			12-Jul-11			12-Jul-11			12-Jul-11			12-Jul-11			12-Jul-11			12-Jul-11			12-Jul-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			REG			FD			REG			REG			REG		
	SAMPLE DEPTH	165-175 FT			240-250 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			160-170 FT			160-170 FT			240-250 FT			339-349 FT			439-449 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	5200	J-	940	4800	J-	940	4800	J-	940	35000	J-	4700	11000	J-	940	130000	J-	290	13000	J-	4700	63000	J-	290	46000	J-	140	41000	J-	140	1200000	J-	140	NM		
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1100	ND	UJ	1100	ND	UJ	1100	ND	UJ	5300	ND	UJ	1100	3200	J-	400	ND	UJ	5300	1800	J-	400	2100	J-	200	2100	J-	200	1500	J-	200	NM		
	C9-C12 ALIPHATIC HYDROCARBONS	5100	J-	1500	4000	J-	1500	4500	J-	1500	ND	UJ	7600	4600	J-	1500	54000	J-	500	3000	J-	7600	49000	J-	500	29000	J-	250	30000	J-	250	26000	J-	250	NM		
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,1,2-TRICHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,1-DICHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,1-DICHLOROETHENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,2,4-TRICHLOROBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,2,4-TRIMETHYLBENZENE	8.3		8	ND	U	8	9.8		8	ND	U	8	9.2		8	ND	UJ	8	970		400	ND	U	8	ND	UJ	8	8	J-	8	ND	UJ	40	50	J-	200
	1,2-DIBROMOETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,2-DICHLOROBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,2-DICHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,2-DICHLOROPROPANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,3,5-TRIMETHYLBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,3-DICHLOROBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	1,4-DICHLOROBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	2-BUTANONE	17		8	12		8	15		8	14		8	23		8	14	J-	8	ND	U	400	17		8	17	J-	8	24	J-	8	ND	UJ	40	140	J-	200
	2-HEXANONE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	4-METHYL-2-PENTANONE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	ACETONE	14		8	13		8	16		8	16		8	20		8	16	J-	8	670		400	13		8	16	J-	8	23	J-	8	ND	UJ	40	ND	UJ	200
	BENZENE	12		8	12		8	14		8	9.1		8	12		8	16	J-	8	3100		400	ND	U	8	13	J-	8	9.1	J-	8	230	J-	40	350	J-	200
	BENZENE, (CHLOROMETHYL)-	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	BROMODICHLOROMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	BROMOFORM	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	BROMOMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CARBON DISULFIDE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CARBON TETRACHLORIDE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CHLOROBENZENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CHLOROETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CHLOROFORM	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CHLOROMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CIS-1,2-DICHLOROETHENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CIS-1,3-DICHLOROPROPENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	CYCLOHEXANE	25		16	22		16	26		16	30		16	39		16	28	J-	16	6200		800	18	J-	16	29	J-	16	21	J-	16	190	J-	80	510	J-	200
	DIBROMOCHLOROMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	DICHLORODIFLUOROMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	ERYTHRENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	ETHYL ACETATE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	ETHYLBENZENE	12	J	16	9.4	J	16	13	J	16	9.1	J	16	10	J	16	11	J-	16	460	J	800	ND	UJ	16	13	J-	16	10	J-	16	ND	UJ	80	ND	UJ	200
	FREON 113	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	U	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	HEPTANE	21		8	17		8	23		8	20		8	22		8	19	J-	8	3000		400	12	J-	8	22	J-	8	15	J-	8	ND	UJ	40	93	J-	200
	HEXACHLOROBUTADIENE	ND	U	16	ND	U	16	ND	U	16	ND	U	16	ND	U	16	ND	UJ	16	ND	U	800	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	80	ND	UJ	200
	HEXANE	11	J	16	10	J	16	13	J	16	17		16	24		16	31	J-	16	10000		800	8.4	J-	16	13	J-	16	8.4	J-	16	150	J-	80	630	J-	200
	M,P-XYLENES	35		16	26		16	40		16	26		16	30		16	27	J-	16	2100		800	19	J-	16	38	J-	16	30	J-	16	ND	UJ	80	130	J-	200
	METHYL TERT-BUTYL ETHER	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	METHYLENE CHLORIDE	ND	U	40	ND	U	40	ND	U	40	ND	U	40	ND	U	40	52	J-	40	1200	J	2000	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	200	290	J-	200
	NAPHTHALENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	O-XYLENE	15		8	11		8	16		8	12		8	14		8	11	J-	8	710		400	ND	UJ	8	14	J-	8	13	J-	8	ND	UJ	40	37	J-	200
	PROPYLENE	ND	U	8	ND	U	8	ND	U	8	13		8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	280	J-	40	280	J-	200
	STYRENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	TETRACHLOROETHENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	THF	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	TOLUENE	82		8	60		8	75		8	72		8	73		8	76	J-	8	2900		400	49	J-	8	83	J-	8	60	J-	8	340	J-	40	760	J-	200
	TRANS-1,2-DICHLOROETHENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	TRANS-1,3-DICHLOROPROPENE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	TRICHLOROETHENE	9.5		8	15		8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	TRICHLOROFLUOROMETHANE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	VINYL ACETATE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	VINYL CHLORIDE	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	U	8	ND	UJ	8	ND	U	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	200
	XYLENES	49		24	38		24	57		24	38		24	44		24	38	J-	24	2800		1200	19	J-	24	53	J-	24	43	J-	24	ND	UJ	120	167	J-	200
FIXED GASES	CARBON DIOXIDE	0.13		0.1	0.14		0.1	0.14		0.1	0.44		0.1	0.089	J	0.1	0.57		0.1	0.48		0.1	0.22		0.1	0.19		0.1	0.21		0.1	0.2		0.1	0.14		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	78		0.1	78		0.1	78		0.1	79		0.1	78		0.1	78		0.1	79		0.1	78		0.1	78		0.1	78		0.1	78		0.1	77		0.1
	OXYGEN	20		0.1	20		0.1	21		0.1	20		0.1	21		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106134-025			KAFB-106134-050			KAFB-106134-170			KAFB-106134-250			KAFB-106134-350			KAFB-106134-450			KAFB-106134-450			KAFB-106135-025			KAFB-106135-050			KAFB-106135-150			KAFB-106135-250			KAFB-106135-250		
	SAMPLE NO	VA0627			VA0628			VA0629			VA0630			VA0631			VA0632			VA0633			VA0634			VA0635			VA0636			VA0637			VA0638		
	SAMPLE DATE	13-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			13-Jul-11			15-Jul-11			15-Jul-11			15-Jul-11			15-Jul-11			15-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	15-25 FT			40-50 FT			160-170 FT			240-250 FT			340-350 FT			440-450 FT			440-450 FT			15-25 FT			40-50 FT			140-160 FT			240-250 FT			240-250 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	290000	J-	290	440000	J-	290	58000	J-	140	360000	J-	290	1000000	J-	140	2400000	J-	140	2100000	J-	140	57000	J-	140	35000	J-	140	5700	J-	940	13000	J-	940	6200	J-	940
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	1300	J-	400	480	J-	400	680	J-	200	2100	J-	400	1200	J-	200	1400	J-	200	3500	J-	200	970	J-	200	950	J-	200	ND	UJ	1100	450	J-	1100	ND	UJ	1100
	C9-C12 ALIPHATIC HYDROCARBONS	36000	J-	500	18000	J-	500	18000	J-	250	48000	J-	500	21000	J-	250	20000	J-	250	36000	J-	250	19000	J-	250	16000	J-	250	4200	J-	1500	6700	J-	1500	4900	J-	1500
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1,2-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2,4-TRICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2,4-TRIMETHYLBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	4.4	J-	8	9.7	J-	8	4	J-	8	ND	UJ	8	4.6	J-	8
	1,2-DIBROMOETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROPROPANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,3,5-TRIMETHYLBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	2.1	J-	8	6	J-	8	1.8	J-	8	ND	UJ	8	1.9	J-	8
	1,3-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,4-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	2-BUTANONE	18	J-	8	7.4	J-	8	11	J-	8	14	J-	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	24	J-	8	40	J-	8	16	J-	8	33	J-	8	20	J-	8
	2-HEXANONE	5.8	J-	8	ND	UJ	8	ND	UJ	8	4.2	J-	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	7.7	J-	8	13	J-	8	4.9	J-	8	ND	UJ	8	5.9	J-	8
	4-METHYL-2-PENTANONE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	3.9	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ACETONE	24	J-	8	21	J-	8	14	J-	8	26	J-	8	ND	UJ	40	2200	J-	400	680	J-	400	ND	UJ	8	61	J-	8	ND	UJ	8	64	J-	8	26	J-	8
	BENZENE	9.4	J-	8	8.2	J-	8	6.9	J-	8	18	J-	8	54	J-	40	1100	J-	400	ND	UJ	400	10	J-	8	16	J-	8	5.8	J-	8	320	J-	8	6.6	J-	8
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMODICHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMOFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMOMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CARBON DISULFIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	2.5	J-	8	ND	UJ	8	ND	UJ	8	1.3	J-	8
	CARBON TETRACHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CIS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CYCLOHEXANE	30	J-	16	31	J-	16	11	J-	16	18	J-	16	100	J-	80	2300	J-	800	1200	J-	800	23	J-	8	26	J-	8	12	J-	8	100	J-	16	14	J-	8
	DIBROMOCHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	DICHLORODIFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ERYTHRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	21	J-	8	210	J-	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	2.5	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ETHYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ETHYLBENZENE	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	80	ND	UJ	800	ND	UJ	800	7.2	J-	8	15	J-	8	6	J-	8	17	J-	16	6.2	J-	8
	FREON 113	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	HEPTANE	13	J-	8	5.3	J-	8	6.2	J-	8	11	J-	8	ND	UJ	40	530	J-	400	440	J-	400	12	J-	8	21	J-	8	8.3	J-	8	85	J-	8	9.3	J-	8
	HEXACHLOROBUTADIENE	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	80	ND	UJ	800	ND	UJ	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8
	HEXANE	11	J-	16	10	J-	16	ND	UJ	16	9.1	J-	16	62	J-	80	9400	J-	800	1600	J-	800	13	J-	8	18	J-	8	5.5	J-	8	84	J-	16	6.8	J-	8
	M,P-XYLENES	16	J-	16	6.2	J-	16	7.6	J-	16	15	J-	16	ND	UJ	80	450	J-	800	ND	UJ	800	20	J-	8	41	J-	8	18	J-	8	62	J-	16	18	J-	8
	METHYL TERT-BUTYL ETHER	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	METHYLENE CHLORIDE	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	200	8300	J-	2000	1700	J-	2000	4.5	J-	8	10	J-	8	2.2	J-	8	55	J-	40	2.9	J-	8
	NAPHTHALENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	O-XYLENE	6.6	J-	8	ND	UJ	8	ND	UJ	8	5.4	J-	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	8.3	J-	8	18	J-	8	6.5	J-	8	17	J-	8	7.4	J-	8
	PROPYLENE	6.6	J-	8	11	J-	8	10	J-	8	6.4	J-	8	110	J-	40	1200	J-	400	440	J-	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	12	J-	8	ND	UJ	8
	STYRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	1.3	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TETRACHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	THF	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TOLUENE	51	J-	8	32	J-	8	20	J-	8	80	J-	8	230	J-	40	5600	J-	400	2100	J-	400	63	J-	8	110	J-	8	44	J-	8	700	J-	8	51	J-	8
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TRICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	2	J-	8	2.9	J-	8	7.7	J-	8	ND	UJ	8	4.4	J-	8
	TRICHLOROFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	1.9	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	VINYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	VINYL CHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	40	ND	UJ	400	ND	UJ	400	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	XYLENES	22	J-	24	ND	UJ	24	7.6	J-	24	21	J-	24	ND	UJ	120	450	J-	1200	ND	UJ	1200	28	J-	8	60	J-	8	25	J-	8	79	J-	24	26	J-	8
FIXED GASES	CARBON DIOXIDE	0.14		0.1	0.088	J	0.1	0.15		0.1	0.19		0.1	0.25		0.1	0.15		0.1	0.17		0.1	0.19		0.1	0.17		0.1	0.15		0.1	0.12		0.1	0.12		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	77		0.1	78		0.1	79		0.1	78		0.1	78		0.1	78		0.1	78		0.1	78		0.1	77		0.1	77		0.1	78		0.1	78		0.1
	OXYGEN	21		0.1	21		0.1	20		0.1	20		0.1	20		0.1	20		0.1	20		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106135-350			KAFB-106135-450			KAFB-106136-025			KAFB-106136-050			KAFB-106136-150			KAFB-106136-250			KAFB-106136-350			KAFB-106136-450			KAFB-106137-025			KAFB-106137-050			KAFB-106137-150			KAFB-106137-250		
	SAMPLE NO	VA0639			VA0640			VA0641			VA0642			VA0643			VA0644			VA0645			VA0646			VA0647			VA0648			VA0649			VA0650		
	SAMPLE DATE	15-Jul-11			15-Jul-11			14-Jul-11			14-Jul-11			14-Jul-11			14-Jul-11			14-Jul-11			14-Jul-11			28-Jul-11			28-Jul-11			29-Jul-11			29-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	340-350 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			240.1-250.1 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	250000	J-	94000	1200000	J-	94000	18000	J-	940	12000	J-	940	14000	J-	940	11000	J-	940	130000	J-	290	13000	J-	4700	30000		4700	28000		4700	13000		4700	12000		4700
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	110000	ND	UJ	110000	470	J-	1100	390	J-	1100	490	J-	1100	430	J-	1100	2500	J-	400	ND	UJ	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300
	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	150000	ND	UJ	150000	11000	J-	1500	8500	J-	1500	11000	J-	1500	10000	J-	1500	45000	J-	500	ND	UJ	7600	5200	J	7600	4700	J	7600	1700	J	7600	2100	J	7600
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1,2-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2,4-TRICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2,4-TRIMETHYLBENZENE	7.6	J-	8	6.5	J-	8	8.2	J-	8	ND	UJ	8	4.4	J-	8	ND	UJ	8	6.4	J-	16	13	J-	8	15	J-	8	13	J-	8	4.7	J-	8	5.5	J-	8
	1,2-DIBROMOETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	1.7	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROPROPANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,3,5-TRIMETHYLBENZENE	3.1	J-	8	2.6	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	2.9	J-	16	5.4	J-	8	8	J-	8	7.4	J-	8	2.5	J-	8	2.9	J-	8
	1,3-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	1,4-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	2-BUTANONE	26	J-	8	ND	UJ	8	43	J-	8	29	J-	8	36	J-	8	51	J-	8	48	J-	16	150	J-	8	34	J-	8	33	J-	8	9.1	J-	8	12	J-	8
	2-HEXANONE	ND	UJ	8	ND	UJ	8	22	J-	8	7.3	J-	8	7.4	J-	8	12	J-	8	7.4	J-	16	13	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	4-METHYL-2-PENTANONE	2.6	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	4	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ACETONE	ND	UJ	8	ND	UJ	8	70	J-	8	49	J-	8	65	J-	8	53	J-	8	ND	UJ	16	540	J-	8	ND	UJ	8	38	J-	8	12	J-	8	8.5	J-	8
	BENZENE	5.7	J-	8	6.7	J-	8	180	J-	8	14	J-	8	22	J-	8	11	J-	8	8	J-	16	74	J-	8	33	J-	8	32	J-	8	12	J-	8	8.7	J-	8
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMODICHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMOFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	BROMOMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CARBON DISULFIDE	2.3	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	1.7	J-	8	2	J-	8	ND	UJ	8	1.2	J-	8
	CARBON TETRACHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	3.4	J-	8	ND	UJ	8	ND	UJ	8
	CIS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	CYCLOHEXANE	25	J-	8	140	J-	8	89	J-	16	33	J-	16	36	J-	16	28	J-	16	24	J-	16	34	J-	8	100	J-	8	100	J-	8	20	J-	8	19	J-	8
	DIBROMOCHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	DICHLORODIFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ERYTHRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ETHYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	ETHYLBENZENE	6.7	J-	8	6.1	J-	8	21	J-	16	ND	UJ	16	7.4	J-	16	ND	UJ	16	7.2	J-	16	23	J-	8	31	J-	8	25	J-	8	13	J-	8	11	J-	8
	FREON 113	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	HEPTANE	12	J-	8	42	J-	8	77	J-	8	16	J-	8	19	J-	8	13	J-	8	11	J-	16	25	J-	8	66	J-	8	53	J-	8	19	J-	8	17	J-	8
	HEXACHLOROBUTADIENE	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	HEXANE	36	J-	8	350	J-	8	78	J-	16	17	J-	16	17	J-	16	12	J-	16	21	J-	16	27	J-	8	100	J-	8	98	J-	8	18	J-	8	17	J-	8
	M,P-XYLENES	21	J-	8	18	J-	8	70	J-	16	13	J-	16	22	J-	16	12	J-	16	21	J-	16	64	J-	8	75	J-	8	69	J-	8	37	J-	8	33	J-	8
	METHYL TERT-BUTYL ETHER	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	METHYLENE CHLORIDE	9.4	J-	8	2.4	J-	8	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	40	9.1	J-	16	2.4	J-	8	2.8	J-	8	5.1	J-	8	9.7	J-	8	2	J-	8
	NAPHTHALENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	O-XYLENE	10	J-	8	7.6	J-	8	23	J-	8	5.2	J-	8	7.8	J-	8	5	J-	8	9.4	J-	16	25	J-	8	31	J-	8	30	J-	8	14	J-	8	13	J-	8
	PROPYLENE	110	J-	8	650	J-	8	ND	UJ	8	7.4	J-	8	9.8	J-	8	12	J-	8	20	J-	16	14	J-	8	8.7	J-	8	11	J-	8	ND	UJ	8	ND	UJ	8
	STYRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TETRACHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	THF	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TOLUENE	59	J-	8	81	J-	8	420	J-	8	57	J-	8	78	J-	8	41	J-	8	73	J-	16	230	J-	8	180	J-	8	160	J-	8	87	J-	8	66	J-	8
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TRICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	TRICHLOROFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	VINYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	VINYL CHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	16	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8
	XYLENES	32	J-	8	26	J-	8	93	J-	24	18	J-	24	30	J-	24	17	J-	24	30	J-	16	89	J-	8	110	J-	8	99	J-	8	51	J-	8	46	J-	8
FIXED GASES	CARBON DIOXIDE	0.16		0.1	0.23		0.1	0.074	J	0.1	0.15		0.1	0.11		0.1	0.12		0.1	0.12		0.1	0.12		0.1	0.17		0.1	0.18		0.1	0.1		0.1	0.15		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	78		0.1	79		0.1	78		0.1	79		0.1	79		0.1	78		0.1	78		0.1	78		0.1	77		0.1	78		0.1	78		0.1	78		0.1
	OXYGEN	21		0.1	20		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106137-350			KAFB-106137-350			KAFB-106137-450			KAFB-106138-025			KAFB-106138-050			KAFB-106138-150			KAFB-106138-150			KAFB-106138-250			KAFB-106138-350			KAFB-106138-450			KAFB-106139-025			KAFB-106139-050		
	SAMPLE NO	VA0651			VA0652			VA0653			VA0654			VA0655			VA0656			VA0657			VA0658			VA0659			VA0660			VA0661			VA0662		
	SAMPLE DATE	29-Jul-11			29-Jul-11			29-Jul-11			22-Aug-11			22-Aug-11			22-Aug-11			22-Aug-11			22-Aug-11			22-Aug-11			22-Aug-11			1-Aug-11			1-Aug-11		
	SAMPLE PURPOSE	REG			FD			REG			REG			REG			REG			FD			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	340.5-350.5 FT			340.5-350.5 FT			440-450 FT			15-25 FT			40-50 FT			140-150 FT			140-150 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	120000		47000	NM			1100000		94000	11000	J-	4700	26000	J-	4700	130000	J-	47000	120000	J-	47000	120000	J-	47000	20000	J-	4700	280000		47000	10000		4700	14000		4700
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	53000	NM			ND	U	110000	ND	UJ	5300	2500	J-	5300	ND	UJ	53000	ND	UJ	53000	ND	UJ	53000	3200	J-	5300	36000	J	53000	ND	U	5300	ND	U	5300
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	76000	NM			ND	U	150000	4300	J-	7600	19000	J-	7600	ND	UJ	76000	52000	J-	76000	60000	J-	76000	22000	J-	7600	76000		76000	ND	U	7600	ND	U	7600
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,1,2-TRICHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,1-DICHLOROETHENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,2,4-TRICHLOROBENZENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,2,4-TRIMETHYLBENZENE	2.8	J-	8	NM			ND	UJ	800	ND	UJ	40	76	J-	40	68	J-	40	ND	U	800	92	J-	40	88	J-	40	100	J-	40	3.7	J-	8	4.5	J-	8
	1,2-DIBROMOETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROBENZENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,2-DICHLOROPROPANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,3,5-TRIMETHYLBENZENE	1.4	J-	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	2.2	J-	8	2.3	J-	8
	1,3-DICHLOROBENZENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	1,4-DICHLOROBENZENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	2-BUTANONE	7.2	J-	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	14	J-	8	18	J-	8
	2-HEXANONE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	4-METHYL-2-PENTANONE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	ACETONE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	15	J-	8	14	J-	8
	BENZENE	6.8	J-	8	NM			730	J-	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	10	J-	8	11	J-	8
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	BROMODICHLOROMETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	BROMOFORM	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	BROMOMETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CARBON DISULFIDE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	1.6	J-	8	1.6	J-	8
	CARBON TETRACHLORIDE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	3	J-	8	5.6	J-	8
	CHLOROBENZENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CHLOROETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CHLOROFORM	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CHLOROMETHANE	ND	UJ	8	NM			120	J-	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CIS-1,2-DICHLOROETHENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	CYCLOHEXANE	41	J-	8	NM			5900	J-	800	ND	UJ	80	ND	UJ	80	ND	UJ	80	2000		1600	ND	UJ	80	ND	UJ	80	ND	UJ	80	32	J-	8	42	J-	8
	DIBROMOCHLOROMETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	DICHLORODIFLUOROMETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	ERYTHRENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	ETHYL ACETATE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	ETHYLBENZENE	4.8	J-	8	NM			ND	UJ	800	ND	UJ	80	63	J-	80	44	J-	80	ND	U	1600	56	J-	80	47	J-	80	58	J-	80	9.2	J-	8	9.6	J-	8
	FREON 113	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	1.9	J-	8
	HEPTANE	14	J-	8	NM			3800	J-	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	27	J-	8	27	J-	8
	HEXACHLOROBUTADIENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	80	ND	UJ	80	ND	UJ	80	ND	U	1600	ND	UJ	80	ND	UJ	80	ND	UJ	80	ND	UJ	8	ND	UJ	8
	HEXANE	56	J-	8	NM			8500	J-	800	ND	UJ	80	81	J-	80	58	J-	80	1700		1600	45	J-	80	44	J-	80	54	J-	80	22	J-	8	26	J-	8
	M,P-XYLENES	16	J-	8	NM			580	J-	800	49	J-	80	160	J-	80	120	J-	80	ND	U	1600	150	J-	80	130	J-	80	160	J-	80	29	J-	8	28	J-	8
	METHYL TERT-BUTYL ETHER	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	METHYLENE CHLORIDE	7.5	J-	8	NM			870	J-	800	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	U	4000	ND	UJ	200	ND	UJ	200	ND	UJ	200	3	J-	8	4.6	J-	8
	NAPHTHALENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	O-XYLENE	5.7	J-	8	NM			120	J-	800	ND	UJ	40	64	J-	40	47	J-	40	ND	U	800	61	J-	40	53	J-	40	64	J-	40	11	J-	8	11	J-	8
	PROPYLENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	STYRENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	TETRACHLOROETHENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	THF	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	TOLUENE	36	J-	8	NM			2000	J-	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	1500		800	ND	UJ	40	ND	UJ	40	ND	UJ	40	57	J-	8	61	J-	8
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	TRICHLOROETHENE	2.2	J-	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	TRICHLOROFLUOROMETHANE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	VINYL ACETATE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	VINYL CHLORIDE	ND	UJ	8	NM			ND	UJ	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	U	800	ND	UJ	40	ND	UJ	40	ND	UJ	40	ND	UJ	8	ND	UJ	8
	XYLENES	22	J-	8	NM			700	J-	800	49	J-	120	230	J-	120	160	J-	120	ND	U	2400	210	J-	120	180	J-	120	220	J-	120	40	J-	8	39	J-	8
FIXED GASES	CARBON DIOXIDE	0.069	J	0.1	0.078	J	0.1	0.13		0.1	1.7		0.1	1.1		0.1	0.14		0.1	0.14		0.1	0.27		0.1	0.2		0.1	0.12		0.1	0.31		0.1	0.4		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	78		0.1	78		0.1	79		0.1	79		0.1	80		0.1	79		0.1	80		0.1	78		0.1	78		0.1	78		0.1	78		0.1	79		0.1
	OXYGEN	22		0.1	22		0.1	21		0.1	19		0.1	19		0.1	20		0.1	20		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106139-150			KAFB-106139-250			KAFB-106139-250			KAFB-106139-350			KAFB-106139-450			KAFB-106140-025			KAFB-106140-050			KAFB-106140-050			KAFB-106140-150			KAFB-106140-250			KAFB-106140-350			KAFB-106140-450		
	SAMPLE NO	VA0663			VA0664			VA0665			VA0666			VA0667			VA0668			VA0669			VA0670			VA0671			VA0672			VA0673			VA0674		
	SAMPLE DATE	1-Aug-11			1-Aug-11			1-Aug-11			1-Aug-11			2-Aug-11			26-Jul-11			26-Jul-11			26-Jul-11			26-Jul-11			26-Jul-11			26-Jul-11			26-Jul-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	140-150 FT			240-250 FT			240-250 FT			340-350 FT			440-450 FT			15-25 FT			40-50 FT			40-50 FT			140.8-151.8 FT			240-250 FT			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	9600		4700	8900		4700	5500		4700	9700		1200	3400		1200	45000		4700	200000		94000	240000		47000	14000		4700	15000		2300	4600000		940000	16000000		940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	1300	ND	U	1300	ND	U	5300	ND	U	110000	ND	U	53000	ND	U	5300	ND	U	2700	ND	U	1100000	ND	U	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	7600	ND	U	7600	ND	U	7600	2100		1900	1400		1900	4900	J	7600	ND	U	150000	19000	J	76000	4500	J	7600	3700	J	3800	ND	U	1500000	ND	U	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,1,2-TRICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,1-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,1-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,2,4-TRICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,2,4-TRIMETHYLBENZENE	4.3	J-	8	3.9	J-	8	3.7	J-	8	4.2	J-	8	2.1	J-	8	9.8	J-	8	11	J-	8	12	J-	8	11	J-	8	11	J-	8	140	J-	800	ND	UJ	800
	1,2-DIBROMOETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,2-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,2-DICHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,2-DICHLOROPROPANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,3,5-TRIMETHYLBENZENE	2.3	J-	8	2	J-	8	1.9	J-	8	2.3	J-	8	ND	UJ	8	5.7	J-	8	6.5	J-	8	6.6	J-	8	5.6	J-	8	5.7	J-	8	ND	UJ	800	ND	UJ	800
	1,3-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	1,4-DICHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	2-BUTANONE	20	J-	8	23	J-	8	20	J-	8	38	J-	8	10	J-	8	15	J-	8	36	J-	8	20	J-	8	30	J-	8	31	J-	8	350	J-	800	ND	UJ	800
	2-HEXANONE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	4-METHYL-2-PENTANONE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	ACETONE	11	J-	8	28	J-	8	31	J-	8	37	J-	8	10	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	17	J-	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	BENZENE	34	J-	8	580	J-	8	670	J-	8	400	J-	8	13	J-	8	86	J-	8	59	J-	8	71	J-	8	46	J-	8	43	J-	8	790	J-	800	2700	J-	800
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	BROMODICHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	BROMOFORM	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	BROMOMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CARBON DISULFIDE	1.3	J-	8	1.2	J-	8	ND	UJ	8	1.2	J-	8	ND	UJ	8	1.8	J-	8	2.1	J-	8	2.8	J-	8	2.1	J-	8	1.8	J-	8	ND	UJ	800	ND	UJ	800
	CARBON TETRACHLORIDE	37	J-	8	69	J-	8	84	J-	8	96	J-	8	6.3	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CHLOROBENZENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CHLOROETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CHLOROFORM	11	J-	8	15	J-	8	17	J-	8	12	J-	8	1.4	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CIS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	CYCLOHEXANE	20	J-	8	35	J-	8	34	J-	8	56	J-	8	9.2	J-	8	110	J-	8	190	J-	8	130	J-	8	41	J-	8	49	J-	8	9900	J-	800	30000	J-	800
	DIBROMOCHLOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	DICHLORODIFLUOROMETHANE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	ERYTHRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	ETHYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	ETHYLBENZENE	9.3	J-	8	16	J-	8	16	J-	8	11	J-	8	3.9	J-	8	34	J-	8	30	J-	8	34	J-	8	26	J-	8	26	J-	8	220	J-	800	300	J-	800
	FREON 113	9.9	J-	8	25	J-	8	30	J-	8	43	J-	8	2.9	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	HEPTANE	18	J-	8	15	J-	8	13	J-	8	18	J-	8	6.1	J-	8	37	J-	8	29	J-	8	35	J-	8	34	J-	8	36	J-	8	1900	J-	800	8600	J-	800
	HEXACHLOROBUTADIENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	HEXANE	16	J-	8	22	J-	8	16	J-	8	33	J-	8	18	J-	8	30	J-	8	95	J-	8	73	J-	8	25	J-	8	28	J-	8	15000	J-	800	51000	J-	800
	M,P-XYLENES	30	J-	8	45	J-	8	43	J-	8	33	J-	8	16	J-	8	82	J-	8	77	J-	8	83	J-	8	69	J-	8	69	J-	8	1200	J-	800	940	J-	800
	METHYL TERT-BUTYL ETHER	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	METHYLENE CHLORIDE	2.7	J-	8	7.9	J-	8	2.6	J-	8	2.7	J-	8	30	J-	8	4.3	J-	8	9.2	J-	8	5	J-	8	4.9	J-	8	4	J-	8	920	J-	800	1700	J-	800
	NAPHTHALENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	O-XYLENE	11	J-	8	25	J-	8	26	J-	8	18	J-	8	5.6	J-	8	34	J-	8	33	J-	8	34	J-	8	29	J-	8	29	J-	8	340	J-	800	220	J-	800
	PROPYLENE	ND	UJ	8	13	J-	8	15	J-	8	21	J-	8	ND	UJ	8	8.1	J-	8	25	J-	8	18	J-	8	9	J-	8	30	J-	8	3000	J-	800	5800	J-	800
	STYRENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	TETRACHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	THF	ND	UJ	8	2.9	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	1.3	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	TOLUENE	87	J-	8	1100	J-	8	1200	J-	8	700	J-	8	66	J-	8	220	J-	8	170	J-	8	200	J-	8	160	J-	8	150	J-	8	3200	J-	800	7500	J-	800
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	TRICHLOROETHENE	ND	UJ	8	2	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	TRICHLOROFLUOROMETHANE	ND	UJ	8	1.6	J-	8	1.7	J-	8	1.2	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	VINYL ACETATE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	VINYL CHLORIDE	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	800	ND	UJ	800
	XYLENES	42	J-	8	71	J-	8	69	J-	8	52	J-	8	21	J-	8	120	J-	8	110	J-	8	120	J-	8	98	J-	8	98	J-	8	1600	J-	800	1200	J-	800
FIXED GASES	CARBON DIOXIDE	0.3		0.1	0.32		0.1	0.32		0.1	0.12		0.1	0.48		0.1	0.11		0.1	0.12		0.1	0.11		0.1	0.098	J	0.1	0.11		0.1	0.15		0.1	0.66		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	79		0.1	79		0.1	78		0.1	78		0.1	79		0.1	76		0.1	77		0.1	77		0.1	78		0.1	78		0.1	78		0.1	80		0.1
	OXYGEN	20		0.1	21		0.1	21		0.1	22		0.1	20		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	20		0.1	18		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106141-025			KAFB-106141-050			KAFB-106141-170			KAFB-106141-250			KAFB-106141-350			KAFB-106141-450			KAFB-106142-030			KAFB-106142-050			KAFB-106142-170			KAFB-106142-250			KAFB-106142-350			KAFB-106142-450		
	SAMPLE NO	VA0675			VA0676			VA0677			VA0678			VA0679			VA0680			VA0681			VA0682			VA0683			VA0684			VA0685			VA0686		
	SAMPLE DATE	2-Aug-11			2-Aug-11			3-Aug-11			3-Aug-11			3-Aug-11			3-Aug-11			25-Jul-11			25-Jul-11			25-Jul-11			25-Jul-11			25-Jul-11			28-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	15-25 FT			50-60 FT			160-170 FT			240-250 FT			340-350 FT			440-450 FT			20-30 FT			40-50 FT			160-170 FT			240-250 FT			340-350 FT			440-450 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	6300		1200	5700		1200	4600		1200	3700		1200	5900		4700	29000		4700	28000		4700	26000		4700	19000		4700	15000		4700	17000		4700	N/A		
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	1300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	ND	U	5300	N/A		
	C9-C12 ALIPHATIC HYDROCARBONS	2800		1900	2500		1900	1600	J	1900	1400	J	1900	ND	U	7600	20000		7600	7100	J	7600	7000	J	7600	5400	J	7600	3600	J	7600	3600	J	7600	N/A		
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,1,2-TRICHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,1-DICHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,1-DICHLOROETHENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,2,4-TRICHLOROBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,2,4-TRIMETHYLBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	13	J-	8	13	J-	8	7.9	J-	8	7.1	J-	8	5.5	J-	8	N/A		
	1,2-DIBROMOETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,2-DICHLOROBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,2-DICHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,2-DICHLOROPROPANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,3,5-TRIMETHYLBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	7.3	J-	8	7.3	J-	8	4.2	J-	8	3.7	J-	8	3.3	J-	8	N/A		
	1,3-DICHLOROBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	1,4-DICHLOROBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	2-BUTANONE	26	J-	10	23	J-	10	13	J-	10	16	J-	10	ND	UJ	40	35	J-	4	17	J-	8	10	J-	8	9.2	J-	8	10	J-	8	14	J-	8	N/A		
	2-HEXANONE	10	J-	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	8.3	J-	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	4-METHYL-2-PENTANONE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	ACETONE	43	J-	10	44	J-	10	26	J-	10	27	J-	10	49	J-	40	55	J-	4	ND	UJ	8	15	J-	8	8.5	J-	8	6.4	J-	8	ND	UJ	8	N/A		
	BENZENE	15	J-	10	15	J-	10	15	J-	10	ND	UJ	10	160	J-	40	22	J-	4	53	J-	8	35	J-	8	19	J-	8	18	J-	8	320	J-	8	N/A		
	BENZENE, (CHLOROMETHYL)-	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	BROMODICHLOROMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	BROMOFORM	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	BROMOMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CARBON DISULFIDE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	3.7	J-	8	2.7	J-	8	1.7	J-	8	1.3	J-	8	3.2	J-	8	N/A		
	CARBON TETRACHLORIDE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CHLOROBENZENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CHLOROETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CHLOROFORM	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CHLOROMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CIS-1,2-DICHLOROETHENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CIS-1,3-DICHLOROPROPENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	CYCLOHEXANE	34	J-	20	27	J-	20	20	J-	20	15	J-	20	55	J-	80	24	J-	8	180	J-	8	77	J-	8	36	J-	8	33	J-	8	88	J-	8	N/A		
	DIBROMOCHLOROMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	DICHLORODIFLUOROMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	ERYTHRENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	ETHYL ACETATE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	ETHYLBENZENE	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	80	ND	UJ	8	44	J-	8	38	J-	8	22	J-	8	17	J-	8	20	J-	8	N/A		
	FREON 113	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	HEPTANE	14	J-	10	11	J-	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	11	J-	4	140	J-	8	77	J-	8	40	J-	8	34	J-	8	34	J-	8	N/A		
	HEXACHLOROBUTADIENE	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	80	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	HEXANE	16	J-	20	13	J-	20	ND	UJ	20	ND	UJ	20	50	J-	80	9.8	J-	8	170	J-	8	53	J-	8	27	J-	8	24	J-	8	41	J-	8	N/A		
	M,P-XYLENES	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	20	ND	UJ	80	9.4	J-	8	130	J-	8	110	J-	8	67	J-	8	55	J-	8	53	J-	8	N/A		
	METHYL TERT-BUTYL ETHER	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	METHYLENE CHLORIDE	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	50	ND	UJ	200	ND	UJ	20	16	J-	8	2.1	J-	8	4.6	J-	8	2.2	J-	8	1.4	J-	8	N/A		
	NAPHTHALENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	O-XYLENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	4.2	J-	4	42	J-	8	39	J-	8	23	J-	8	18	J-	8	20	J-	8	N/A		
	PROPYLENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	11	J-	4	10	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	8.5	J-	8	N/A		
	STYRENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	1.6	J-	8	1.2	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	TETRACHLOROETHENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	THF	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	TOLUENE	47	J-	10	42	J-	10	53	J-	10	22	J-	10	360	J-	40	44	J-	4	340	J-	8	270	J-	8	140	J-	8	120	J-	8	210	J-	8	N/A		
	TRANS-1,2-DICHLOROETHENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	TRICHLOROETHENE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	TRICHLOROFLUOROMETHANE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	VINYL ACETATE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	VINYL CHLORIDE	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	UJ	40	ND	UJ	4	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	N/A		
	XYLENES	ND	UJ	30	ND	UJ	30	ND	UJ	30	ND	UJ	30	ND	UJ	120	14	J-	12	170	J-	8	150	J-	8	90	J-	8	73	J-	8	72	J-	8	N/A		
FIXED GASES	CARBON DIOXIDE	0.1		0.1	0.096	J	0.1	0.1		0.1	0.068	J	0.1	0.08	J	0.1	0.11		0.1	0.14		0.1	0.15		0.1	0.075	J	0.1	0.087	J	0.1	0.08	J	0.1	0.11		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	78		0.1	78		0.1	78		0.1	77		0.1	78		0.1	78		0.1	77		0.1	77		0.1	77		0.1	77		0.1	77		0.1	78		0.1
	OXYGEN	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1	21		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	KAFB-106142-450			KAFB1065-IN			KAFB1065-POSTC1			KAFB1065-POSTC2			KAFB1066-IN			KAFB1066-POSTC1			KAFB1066-POSTC1			KAFB1066-POSTC2			KAFB1068-IN			KAFB1068-IN			KAFB1068-POSTC1			KAFB1068-POSTC2		
	SAMPLE NO	VA0686-R			VA9032			VA9033			VA9034			VA9035			VA9036			VA9037			VA9038			VA9039			VA9040			VA9041			VA9042		
	SAMPLE DATE	10-Aug-11			18-Jul-11			18-Jul-11			16-Aug-11			18-Jul-11			18-Jul-11			18-Jul-11			18-Jul-11			18-Jul-11			18-Jul-11			18-Jul-11			18-Jul-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			FD			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	440-450 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT			0-0 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	290000		94000	9300000	J-	940000	270000		94000	NM			28000000	J-	940000	760000		94000	410000		94000	42000		4700	6700000	J-	940000	6300000	J-	940000	640000		94000	180000		94000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	110000	ND	UJ	1100000	ND	U	110000	NM			ND	UJ	1100000	ND	U	110000	ND	U	110000	ND	U	5300	ND	UJ	1100000	ND	UJ	1100000	ND	U	110000	ND	U	110000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	150000	ND	UJ	1500000	ND	U	150000	NM			920000	J-	1500000	40000	J	150000	ND	U	150000	5200	J	7600	ND	UJ	1500000	ND	UJ	1500000	ND	U	150000	ND	U	150000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,1,2-TRICHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,1-DICHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,1-DICHLOROETHENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,2,4-TRICHLOROBENZENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,2,4-TRIMETHYLBENZENE	ND	UJ	800	1300	J-	2000	82	J-	200	ND	UJ	40	3400	J-	2000	500	J-	2000	1400	J-	2000	650	J-	2000	1300	J-	2000	1500	J-	2000	ND	UJ	2000	460	J-	400
	1,2-DIBROMOETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,2-DICHLOROBENZENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,2-DICHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,2-DICHLOROPROPANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,3,5-TRIMETHYLBENZENE	ND	UJ	800	990	J-	2000	ND	UJ	200	ND	UJ	40	2300	J-	2000	ND	UJ	2000	350	J-	2000	300	J-	2000	770	J-	2000	780	J-	2000	ND	UJ	2000	120	J-	400
	1,3-DICHLOROBENZENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	1,4-DICHLOROBENZENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	2-BUTANONE	ND	UJ	800	ND	UJ	2000	320	J-	200	42	J-	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	2500	J-	2000	ND	UJ	2000	6700	J-	2000	ND	UJ	2000	5200	J-	400
	2-HEXANONE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	4-METHYL-2-PENTANONE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	330	J-	400
	ACETONE	1500	J-	800	ND	UJ	2000	720	J-	200	420	J-	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	9700	J-	400
	BENZENE	26000	J-	800	18000	J-	2000	1600	J-	200	570	J-	40	290000	J-	2000	22000	J-	2000	22000	J-	2000	26000	J-	2000	56000	J-	2000	45000	J-	2000	11000	J-	2000	3400	J-	400
	BENZENE, (CHLOROMETHYL)-	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	BROMODICHLOROMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	BROMOFORM	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	BROMOMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CARBON DISULFIDE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CARBON TETRACHLORIDE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CHLOROBENZENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CHLOROETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CHLOROFORM	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CHLOROMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CIS-1,2-DICHLOROETHENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CIS-1,3-DICHLOROPROPENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	CYCLOHEXANE	9500	J-	1600	170000	J-	2000	1300	J-	200	120	J-	80	560000	J-	2000	6900	J-	2000	4700	J-	2000	24000	J-	2000	110000	J-	2000	87000	J-	2000	5900	J-	2000	870	J-	400
	DIBROMOCHLOROMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	DICHLORODIFLUOROMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	ERYTHRENE	ND	UJ	800	ND	UJ	2000	1300	J-	200	140	J-	40	ND	UJ	2000	14000	J-	2000	10000	J-	2000	8400	J-	2000	ND	UJ	2000	ND	UJ	2000	2800	J-	2000	ND	UJ	400
	ETHYL ACETATE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	2400	J-	400
	ETHYLBENZENE	1000	J-	1600	5700	J-	2000	57	J-	200	ND	UJ	80	32000	J-	2000	1100	J-	2000	1200	J-	2000	1600	J-	2000	6100	J-	2000	5000	J-	2000	ND	UJ	2000	520	J-	400
	FREON 113	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	HEPTANE	2700	J-	800	33000	J-	2000	290	J-	200	44	J-	40	500000	J-	2000	6900	J-	2000	3800	J-	2000	17000	J-	2000	74000	J-	2000	60000	J-	2000	3200	J-	2000	570	J-	400
	HEXACHLOROBUTADIENE	ND	UJ	1600	ND	UJ	2000	ND	UJ	200	ND	UJ	80	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	HEXANE	6000	J-	1600	24000	J-	2000	340	J-	200	49	J-	80	770000	J-	2000	9300	J-	2000	6700	J-	2000	26000	J-	2000	96000	J-	2000	68000	J-	2000	5900	J-	2000	860	J-	400
	M,P-XYLENES	1700	J-	1600	17000	J-	2000	370	J-	200	ND	UJ	80	88000	J-	2000	3800	J-	2000	6000	J-	2000	6200	J-	2000	17000	J-	2000	15000	J-	2000	430	J-	2000	2500	J-	400
	METHYL TERT-BUTYL ETHER	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	METHYLENE CHLORIDE	2700	J-	4000	400	J-	2000	53	J-	200	ND	UJ	200	3100	J-	2000	640	J-	2000	740	J-	2000	690	J-	2000	2600	J-	2000	2500	J-	2000	4000	J-	2000	500	J-	400
	NAPHTHALENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	O-XYLENE	ND	UJ	800	5000	J-	2000	100	J-	200	ND	UJ	40	23000	J-	2000	1100	J-	2000	1600	J-	2000	1600	J-	2000	4900	J-	2000	4200	J-	2000	ND	UJ	2000	860	J-	400
	PROPYLENE	ND	UJ	800	ND	UJ	2000	170000	J-	200	15000	J-	800	23000	J-	2000	92000	J-	2000	69000	J-	2000	92000	J-	2000	4700	J-	2000	3200	J-	2000	250000	J-	2000	55000	J-	400
	STYRENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	77	J-	400
	TETRACHLOROETHENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	66	J-	400
	THF	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	3000	J-	2000	ND	UJ	2000	200	J-	400
	TOLUENE	21000	J-	800	55000	J-	2000	1200	J-	200	150	J-	40	620000	J-	2000	13000	J-	2000	19000	J-	2000	28000	J-	2000	90000	J-	2000	73000	J-	2000	1600	J-	2000	3100	J-	400
	TRANS-1,2-DICHLOROETHENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	TRICHLOROETHENE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	TRICHLOROFLUOROMETHANE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	VINYL ACETATE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	VINYL CHLORIDE	ND	UJ	800	ND	UJ	2000	ND	UJ	200	ND	UJ	40	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	2000	ND	UJ	400
	XYLENES	1700	J-	2400	22000	J-	2000	470	J-	200	ND	UJ	120	110000	J-	2000	4900	J-	2000	7600	J-	2000	7800	J-	2000	22000	J-	2000	20000	J-	2000	430	J-	2000	3400	J-	400
FIXED GASES	CARBON DIOXIDE	N/A			1.5		0.1	4		0.1	4.7		0.1	0.68		0.1	4.5		0.1	4.1		0.1	0.074	J	0.1	0.56		0.1	0.44		0.1	4.1		0.1	4		0.1
Method D2504	CARBON MONOXIDE	N/A			ND	U	0.1	0.37		0.1	0.19		0.1	ND	U	0.1	0.64		0.1	0.68		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	0.45		0.1	0.37		0.1
(Percent)	METHANE	N/A			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	0.031	J	0.5	0.033	J	0.5
	NITROGEN	N/A			81		0.1	86		0.1	88		0.1	81		0.1	88		0.1	88		0.1	78		0.1	80		0.1	79		0.1	88		0.1	88		0.1
	OXYGEN	N/A			18		0.1	9		0.1	7.1		0.1	18		0.1	6.2		0.1	6.2		0.1	22		0.1	19		0.1	19		0.1	6.2		0.1	6.4		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	ST106-IN			ST106-POSTC1			ST106-POSTC2			SVEW-01-260			SVEW-02-060			SVEW-03-160			SVEW-04-313			SVEW-05-460			SVEW-06-060			SVEW-06-060			SVEW-07-160			SVEW-08-260		
	SAMPLE NO	VA9029			VA9030			VA9031			VA0441			VA0442			VA0443			VA0444			VA0445			VA0446			VA0447			VA0448			VA0449		
	SAMPLE DATE	16-Aug-11			16-Aug-11			16-Aug-11			16-Aug-11			16-Aug-11			16-Aug-11			16-Aug-11			16-Aug-11			17-Aug-11			17-Aug-11			17-Aug-11			17-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	0-0 FT			0-0 FT			0-0 FT			245-260 FT			45-60 FT			145-160 FT			298-313 FT			445-460 FT			45-60 FT			45-60 FT			145-160 FT			245-260 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	NM			NM			NM			19000000	J-	940000	22000000	J-	2300000	22000000	J-	2300000	8300000	J-	940000	12000000	J-	940000	890000		94000	230000		94000	7400000	J-	940000	7700000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	NM			NM			NM			ND	UJ	1100000	ND	UJ	2700000	ND	UJ	2700000	ND	UJ	1100000	ND	UJ	1100000	91000	J	110000	49000	J	110000	ND	UJ	1100000	ND	UJ	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	NM			NM			NM			1600000	J-	1500000	1600000	J-	3800000	1500000	J-	3800000	1600000	J-	1500000	1300000	J-	1500000	350000		150000	140000	J	150000	830000	J-	1500000	1100000	J-	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1,2-TRICHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1-DICHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,1-DICHLOROETHENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2,4-TRICHLOROBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	2200	J-	800	1100	J-	800	ND	UJ	8000	ND	UJ	8000
	1,2-DIBROMOETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,2-DICHLOROPROPANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,3-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	1,4-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	2-BUTANONE	11000	J-	8000	ND	UJ	40	ND	UJ	800	31000	J-	8000	27000	J-	8000	21000	J-	8000	9400	J-	8000	17000	J-	8000	1700	J-	800	ND	UJ	800	ND	UJ	8000	9300	J-	8000
	2-HEXANONE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	4-METHYL-2-PENTANONE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ACETONE	72000	J-	8000	67	J-	40	ND	UJ	800	230000	J-	8000	250000	J-	8000	170000	J-	8000	49000	J-	8000	120000	J-	8000	9000	J-	800	1300	J-	800	33000	J-	8000	38000	J-	8000
	BENZENE	32000	J-	8000	ND	UJ	40	810	J-	800	120000	J-	8000	120000	J-	8000	78000	J-	8000	43000	J-	8000	120000	J-	8000	13000	J-	800	2200	J-	800	41000	J-	8000	70000	J-	8000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMODICHLOROMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMOFORM	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	BROMOMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CARBON DISULFIDE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CARBON TETRACHLORIDE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROBENZENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROFORM	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CHLOROMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CIS-1,2-DICHLOROETHENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	CYCLOHEXANE	140000	J-	16000	ND	UJ	80	1300	J-	1600	470000	J-	16000	440000	J-	16000	370000	J-	16000	210000	J-	16000	480000	J-	16000	43000	J-	1600	6400	J-	1600	190000	J-	16000	340000	J-	16000
	DIBROMOCHLOROMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	DICHLORODIFLUOROMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ERYTHRENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ETHYL ACETATE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	ETHYLBENZENE	10000	J-	16000	ND	UJ	80	ND	UJ	1600	28000	J-	16000	29000	J-	16000	20000	J-	16000	11000	J-	16000	14000	J-	16000	3600	J-	1600	1200	J-	1600	ND	UJ	16000	10000	J-	16000
	FREON 113	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	HEPTANE	120000	J-	8000	ND	UJ	40	1400	J-	800	380000	J-	8000	390000	J-	8000	310000	J-	8000	120000	J-	8000	250000	J-	8000	29000	J-	800	5100	J-	800	83000	J-	8000	150000	J-	8000
	HEXACHLOROBUTADIENE	ND	UJ	16000	ND	UJ	80	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000	ND	UJ	16000	ND	UJ	16000	ND	UJ	16000	ND	UJ	1600	ND	UJ	1600	ND	UJ	16000	ND	UJ	16000
	HEXANE	130000	J-	16000	120	J-	80	1600	J-	1600	430000	J-	16000	390000	J-	16000	300000	J-	16000	210000	J-	16000	610000	J-	16000	45000	J-	1600	7400	J-	1600	200000	J-	16000	360000	J-	16000
	M,P-XYLENES	20000	J-	16000	ND	UJ	80	ND	UJ	1600	57000	J-	16000	67000	J-	16000	41000	J-	16000	18000	J-	16000	24000	J-	16000	5300	J-	1600	2100	J-	1600	ND	UJ	16000	13000	J-	16000
	METHYL TERT-BUTYL ETHER	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	METHYLENE CHLORIDE	ND	UJ	40000	140	J-	200	1800	J-	4000	ND	UJ	40000	ND	UJ	40000	ND	UJ	40000	ND	UJ	40000	ND	UJ	40000	ND	UJ	4000	ND	UJ	4000	35000	J-	40000	ND	UJ	40000
	NAPHTHALENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	O-XYLENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	16000	J-	8000	18000	J-	8000	12000	J-	8000	ND	UJ	8000	ND	UJ	8000	1900	J-	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	PROPYLENE	ND	UJ	8000	930	J-	40	38000	J-	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	9800	J-	8000	980	J-	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	STYRENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TETRACHLOROETHENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	THF	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TOLUENE	86000	J-	8000	ND	UJ	40	2500	J-	800	370000	J-	8000	410000	J-	8000	240000	J-	8000	59000	J-	8000	140000	J-	8000	22000	J-	800	4800	J-	800	33000	J-	8000	61000	J-	8000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRICHLOROETHENE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	TRICHLOROFLUOROMETHANE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	VINYL ACETATE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	VINYL CHLORIDE	ND	UJ	8000	ND	UJ	40	ND	UJ	800	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	800	ND	UJ	800	ND	UJ	8000	ND	UJ	8000
	XYLENES	20000	J-	24000	ND	UJ	120	ND	UJ	2400	73000	J-	24000	85000	J-	24000	53000	J-	24000	18000	J-	24000	24000	J-	24000	7200	J-	2400	2100	J-	2400	ND	UJ	24000	13000	J-	24000
FIXED GASES	CARBON DIOXIDE	3.6		0.1	5.8		0.1	4.8		0.1	4.3		0.1	4.2		0.1	3.4		0.1	4		0.1	4.1		0.1	4.6		0.1	3.2		0.1	3.1		0.1	3.2		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	0.29		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	ND	U	0.5	0.027	J	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	ND	U	0.5	ND	U	0.5
	NITROGEN	85		0.1	89		0.1	90		0.1	83		0.1	84		0.1	83		0.1	84		0.1	84		0.1	84		0.1	83		0.1	82		0.1	83		0.1
	OXYGEN	12		0.1	4.5		0.1	5.7		0.1	12		0.1	12		0.1	13		0.1	12		0.1	11		0.1	11		0.1	14		0.1	14		0.1	13		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVEW-09-460			SVEW-10-410			SVEW-11-410			SVEW-12-410			SVEW-13-410			SVMW-01-050			SVMW-01-100			SVMW-01-100			SVMW-01-250			SVMW-01-300			SVMW-02-050			SVMW-02-100		
	SAMPLE NO	VA0450			VA0451			VA0452			VA0453			VA0454			VA0687			VA0688			VA0689			VA0690			VA0691			VA0692			VA0693		
	SAMPLE DATE	17-Aug-11			19-Jul-11			7-Sep-11			21-Jul-11			26-Sep-11			19-Sep-11			19-Sep-11			19-Sep-11			19-Sep-11			19-Sep-11			23-Aug-11			23-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	435-450 FT			400-410 FT			400-410 FT			400-410 FT			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		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	4700000	J-	940000	100000	J-	47000	250000		94000	480000		94000	38000000		2300000	310000		47000	12000000		940000	13000000		940000	440000		47000	1300000		94000	9900000		940000	26000000	J-	2300000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	1100000	ND	UJ	53000	ND	U	110000	ND	U	110000	ND	U	2700000	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	53000	ND	U	110000	ND	U	1100000	ND	UJ	2700000
	C9-C12 ALIPHATIC HYDROCARBONS	560000	J-	1500000	23000	J-	76000	ND	U	150000	ND	U	150000	790000	J	3800000	86000		76000	630000	J	1500000	510000	J	1500000	140000		76000	41000	J	150000	380000	J	1500000	ND	UJ	3800000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,1,2-TRICHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,1-DICHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,1-DICHLOROETHENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2,4-TRICHLOROBENZENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2,4-TRIMETHYLBENZENE	ND	UJ	8000	94	J-	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2-DIBROMOETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2-DICHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,2-DICHLOROPROPANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,3,5-TRIMETHYLBENZENE	ND	UJ	8000	45	J-	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,3-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	1,4-DICHLOROBENZENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	2-BUTANONE	ND	UJ	8000	220	J-	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	2-HEXANONE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	4-METHYL-2-PENTANONE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	ACETONE	12000	J-	8000	440	J-	200	ND	U	400	ND	UJ	800	ND	U	20000	470		400	ND	U	8000	ND	U	8000	660		400	ND	U	400	1800	J-	800	ND	U	8000
	BENZENE	17000	J-	8000	280	J-	200	10000		400	1000	J-	800	280000		20000	2000		400	150000		8000	61000		8000	2900		400	18000		400	4600	J-	800	270000		8000
	BENZENE, (CHLOROMETHYL)-	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	BROMODICHLOROMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	BROMOFORM	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	BROMOMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CARBON DISULFIDE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CARBON TETRACHLORIDE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CHLOROBENZENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CHLOROETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CHLOROFORM	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CHLOROMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CIS-1,2-DICHLOROETHENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CIS-1,3-DICHLOROPROPENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	CYCLOHEXANE	94000	J-	16000	410	J-	200	5900		800	4400	J-	800	850000		40000	3200		800	640000		40000	490000		16000	9000		800	18000		800	ND	UJ	1600	740000	J-	40000
	DIBROMOCHLOROMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	DICHLORODIFLUOROMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	ERYTHRENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	ETHYL ACETATE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	ETHYLBENZENE	ND	UJ	16000	190	J-	200	ND	U	800	220	J-	800	ND	U	40000	ND	U	800	ND	U	16000	ND	U	16000	470	J	800	ND	U	800	ND	UJ	1600	8000	J	16000
	FREON 113	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	HEPTANE	48000	J-	8000	490	J-	200	1500		400	1300	J-	800	460000		20000	2700		400	310000		8000	190000		8000	6000		400	4700		400	ND	UJ	800	260000		8000
	HEXACHLOROBUTADIENE	ND	UJ	16000	ND	UJ	200	ND	U	800	ND	UJ	800	ND	U	40000	ND	U	800	ND	U	16000	ND	U	16000	ND	U	800	ND	U	800	ND	UJ	1600	ND	U	16000
	HEXANE	120000	J-	16000	280	J-	200	6300		800	5900	J-	800	900000		40000	1900		800	800000		40000	610000		16000	7700		800	19000		800	6600	J-	1600	540000	J-	40000
	M,P-XYLENES	ND	UJ	16000	690	J-	200	700	J	800	1200	J-	800	27000	J	40000	1200		800	18000		16000	9900	J	16000	1700		800	1200		800	ND	UJ	1600	18000		16000
	METHYL TERT-BUTYL ETHER	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	METHYLENE CHLORIDE	ND	UJ	40000	89	J-	200	ND	U	2000	400	J-	800	ND	U	100000	1100	J	2000	ND	U	40000	ND	U	40000	ND	U	2000	ND	U	2000	8700	J-	4000	ND	U	40000
	NAPHTHALENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	O-XYLENE	ND	UJ	8000	190	J-	200	ND	U	400	300	J-	800	ND	U	20000	400		400	ND	U	8000	ND	U	8000	610		400	540		400	ND	UJ	800	ND	U	8000
	PROPYLENE	ND	UJ	8000	ND	UJ	200	500		400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	1300		400	ND	UJ	800	8400		8000
	STYRENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	TETRACHLOROETHENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	THF	ND	UJ	8000	ND	UJ	200	ND	U	400	200	J-	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	TOLUENE	20000	J-	8000	1800	J-	200	27000		400	3000	J-	800	350000		20000	7000		400	100000		8000	47000		8000	5400		400	4100		400	ND	UJ	800	350000	J-	20000
	TRANS-1,2-DICHLOROETHENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	TRICHLOROETHENE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	TRICHLOROFLUOROMETHANE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	VINYL ACETATE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	VINYL CHLORIDE	ND	UJ	8000	ND	UJ	200	ND	U	400	ND	UJ	800	ND	U	20000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	400	ND	U	400	ND	UJ	800	ND	U	8000
	XYLENES	ND	UJ	24000	880	J-	200	700	J	1200	1500	J-	800	27000	J	60000	1600		1200	18000	J	24000	9900	J	24000	2300		1200	1700		1200	ND	UJ	2400	18000	J	24000
FIXED GASES	CARBON DIOXIDE	3.3		0.1	0.082	J	0.1	0.29		0.1	0.12		0.1	0.77		0.1	4.8		0.1	7.2		0.1	5.3		0.1	0.47		0.1	0.49		0.1	2.7		0.1	4.6		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	83		0.1	78		0.1	79		0.1	78		0.1	78		0.1	81		0.1	82		0.1	82		0.1	78		0.1	78		0.1	82		0.1	83		0.1
	OXYGEN	14		0.1	22		0.1	20		0.1	21		0.1	18		0.1	13		0.1	7.9		0.1	11		0.1	21		0.1	20		0.1	15		0.1	10		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVMW-02-100			SVMW-02-150			SVMW-03-050			SVMW-03-100			SVMW-03-250			SVMW-03-300			SVMW-04-050			SVMW-04-050			SVMW-04-100			SVMW-04-250			SVMW-04-300			SVMW-05-050		
	SAMPLE NO	VA0694			VA0695			VA0696			VA0697			VA0698			VA0699			VA0700			VA0701			VA0384			VA0385			VA0386			VA0387		
	SAMPLE DATE	23-Aug-11			23-Aug-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			20-Sep-11			22-Sep-11		
	SAMPLE PURPOSE	FD			REG			REG			REG			REG			FD			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	97-99.5 FT			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			98-100.5 FT			250-252.5 FT			297.5-300 FT			50-52.5 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	19000000	J-	2300000	9500000		940000	280000		47000	41000000		2300000	6300000		940000	1000000		94000	3000000		940000	2900000		940000	24000000		2300000	1700000		94000	490000	J	47000	220000	J	47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	2700000	290000	J	1100000	ND	U	53000	ND	U	2700000	ND	U	1100000	170000		110000	ND	U	1100000	ND	U	1100000	ND	U	2700000	ND	U	110000	ND	U	53000	ND	U	53000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	3800000	640000	J	1500000	85000		76000	670000	J	3800000	230000	J	1500000	220000		150000	ND	U	1500000	ND	U	1500000	1000000	J	3800000	200000		150000	85000		76000	55000	J	76000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,1-DICHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,1-DICHLOROETHENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2-DIBROMOETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2-DICHLOROBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2-DICHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,2-DICHLOROPROPANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,3-DICHLOROBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	1,4-DICHLOROBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	2-BUTANONE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	2-HEXANONE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	4-METHYL-2-PENTANONE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	ACETONE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	53000		8000	1200		800	980		800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	BENZENE	150000		8000	35000		8000	1700		400	510000		20000	110000		8000	9200		800	20000		800	19000		800	250000		20000	23000		800	4800		800	2600		400
	BENZENE, (CHLOROMETHYL)-	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	BROMODICHLOROMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	BROMOFORM	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	BROMOMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CARBON DISULFIDE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CARBON TETRACHLORIDE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CHLOROBENZENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CHLOROETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CHLOROFORM	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CHLOROMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	CYCLOHEXANE	460000		16000	49000		16000	3800		800	1200000		40000	220000		16000	24000		1600	11000		1600	8400		1600	900000		40000	42000		1600	3300		1600	2100		800
	DIBROMOCHLOROMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	ERYTHRENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	ETHYL ACETATE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	ETHYLBENZENE	ND	U	16000	ND	U	16000	ND	U	800	37000	J	40000	ND	U	16000	1800		1600	ND	U	1600	ND	U	1600	ND	U	40000	ND	U	1600	ND	U	1600	ND	U	800
	FREON 113	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	HEPTANE	170000		8000	13000		8000	2400		400	590000		20000	100000		8000	15000		800	3800		800	3700		800	370000		20000	40000		800	1700		800	1200		400
	HEXACHLOROBUTADIENE	ND	U	16000	ND	U	16000	ND	U	800	ND	U	40000	ND	U	16000	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	40000	ND	U	1600	ND	U	1600	ND	U	800
	HEXANE	390000		16000	56000		16000	2400		800	1100000		40000	240000		16000	17000		1600	7000		1600	4100		1600	1000000		40000	28000		1600	2900		1600	1400		800
	M,P-XYLENES	12000	J	16000	ND	U	16000	960		800	65000		40000	16000		16000	4400		1600	930	J	1600	1100	J	1600	27000	J	40000	3400		1600	ND	U	1600	700	J	800
	METHYL TERT-BUTYL ETHER	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	METHYLENE CHLORIDE	ND	U	40000	ND	U	40000	ND	U	2000	ND	U	100000	ND	U	40000	2000	J	4000	ND	U	4000	ND	U	4000	ND	U	100000	ND	U	4000	ND	U	4000	ND	U	2000
	NAPHTHALENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	O-XYLENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	940		800	ND	U	800	ND	U	800	ND	U	20000	1100		800	ND	U	800	ND	U	400
	PROPYLENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	STYRENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	TETRACHLOROETHENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	THF	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	TOLUENE	290000		8000	24000		8000	3800		400	130000		20000	100000		8000	11000		800	4600		800	3100		800	240000		20000	40000		800	2500		800	5600		400
	TRANS-1,2-DICHLOROETHENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	TRICHLOROETHENE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	VINYL ACETATE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	VINYL CHLORIDE	ND	U	8000	ND	U	8000	ND	U	400	ND	U	20000	ND	U	8000	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	800	ND	U	800	ND	U	400
	XYLENES	12000	J	24000	ND	U	24000	960	J	1200	65000		60000	16000	J	24000	5300		2400	930	J	2400	1100	J	2400	27000	J	60000	4400		2400	ND	U	2400	700	J	1200
FIXED GASES	CARBON DIOXIDE	4.3		0.1	1.3		0.1	4		0.1	7.5		0.1	1.1		0.1				5.2		0.1	5		0.1	4.2		0.1	0.62		0.1	0.49		0.1	2.8		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1				ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5
	NITROGEN	84		0.1	80		0.1	80		0.1	86		0.1	80		0.1				83		0.1	83		0.1	82		0.1	78		0.1	79		0.1	79		0.1
	OXYGEN	11		0.1	18		0.1	16		0.1	4		0.1	17		0.1				11		0.1	11		0.1	12		0.1	20		0.1	20		0.1	17		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVMW-05-100			SVMW-05-230			SVMW-05-290			SVMW-06-050			SVMW-06-100			SVMW-06-252			SVMW-06-302			SVMW-07-050			SVMW-07-100			SVMW-07-100			SVMW-07-150			SVMW-08-050		
	SAMPLE NO	VA0388			VA0389			VA0390			VA0391			VA0392			VA0393			VA0394			VA0395			VA0396			VA0397			VA0398			VA0399		
	SAMPLE DATE	22-Sep-11			22-Sep-11			22-Sep-11			22-Sep-11			22-Sep-11			22-Sep-11			22-Sep-11			23-Aug-11			23-Aug-11			23-Aug-11			23-Aug-11			24-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			REG			REG			REG			REG			FD			REG			REG		
	SAMPLE DEPTH	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			49.5-52 FT			95.5-98 FT			95.5-98 FT			147.5-150 FT			50-52.5 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	570000	J	47000	150000	J	47000	360000	J	47000	160000	J	47000	120000	J	47000	7400000	J	940000	6300000	J	940000	110000	J+	47000	3200000	J+	940000	2400000	J+	940000	220000		47000	22000000	J-	2300000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	53000	ND	U	1100000	ND	U	1100000	ND	U	53000	ND	UJ	2700000
	C9-C12 ALIPHATIC HYDROCARBONS	75000	J	76000	41000	J	76000	29000	J	76000	37000	J	76000	23000	J	76000	ND	U	1500000	ND	U	1500000	17000	J+	76000	ND	U	1500000	ND	U	1500000	17000	J	76000	750000	J-	3800000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,1,2-TRICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,1-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,1-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,2,4-TRICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,2,4-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	73	J-	40	ND	U	8000
	1,2-DIBROMOETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,2-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,2-DICHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,2-DICHLOROPROPANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,3,5-TRIMETHYLBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,3-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	1,4-DICHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	2-BUTANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	2-HEXANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	4-METHYL-2-PENTANONE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	ACETONE	960		400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	1000		800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	BENZENE	3600		400	1300		400	3500		400	21000		8000	870		400	250000		8000	94000		8000	8600		800	34000		8000	27000	J-	800	ND	UJ	40	170000		8000
	BENZENE, (CHLOROMETHYL)-	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	BROMODICHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	BROMOFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	BROMOMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CARBON DISULFIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CARBON TETRACHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CHLOROBENZENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CHLOROETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CHLOROFORM	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CIS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CIS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	CYCLOHEXANE	21000		800	1500		800	3300		800	23000		16000	1200		800	320000		16000	120000		16000	2500		1600	57000		16000	46000	J-	1600	ND	UJ	80	430000		16000
	DIBROMOCHLOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	DICHLORODIFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	ERYTHRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	ETHYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	ETHYLBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	16000	ND	U	800	ND	U	16000	ND	U	16000	ND	U	1600	ND	U	16000	ND	UJ	1600	49	J-	80	ND	U	16000
	FREON 113	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	HEPTANE	3300		400	750		400	760		400	17000		8000	810		400	52000		8000	42000		8000	ND	U	800	12000		8000	11000	J-	800	ND	UJ	40	140000		8000
	HEXACHLOROBUTADIENE	ND	U	800	ND	U	800	ND	U	800	ND	U	16000	ND	U	800	ND	U	16000	ND	U	16000	ND	U	1600	ND	U	16000	ND	UJ	1600	ND	UJ	80	ND	U	16000
	HEXANE	11000		800	1200		800	2500		800	20000		16000	1300		800	300000		16000	110000		16000	2300		1600	48000		16000	41000	J-	1600	270	J-	80	480000		16000
	M,P-XYLENES	860		800	460	J	800	500	J	800	14000	J	16000	650	J	800	ND	U	16000	ND	U	16000	ND	U	1600	ND	U	16000	1600	J-	1600	260	J-	80	13000	J	16000
	METHYL TERT-BUTYL ETHER	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	METHYLENE CHLORIDE	ND	U	2000	ND	U	2000	ND	U	2000	ND	U	40000	ND	U	2000	ND	U	40000	ND	U	40000	1800	J	4000	ND	U	40000	ND	UJ	4000	ND	UJ	200	ND	U	40000
	NAPHTHALENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	O-XYLENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	84	J-	40	ND	U	8000
	PROPYLENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	68000		8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	STYRENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	TETRACHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	THF	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	TOLUENE	4900		400	2700		400	2500		400	77000		8000	2900		400	36000		8000	130000		8000	1300		800	37000		8000	40000	J-	800	1800	J-	40	120000		8000
	TRANS-1,2-DICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	TRANS-1,3-DICHLOROPROPENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	TRICHLOROETHENE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	TRICHLOROFLUOROMETHANE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	VINYL ACETATE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	VINYL CHLORIDE	ND	U	400	ND	U	400	ND	U	400	ND	U	8000	ND	U	400	ND	U	8000	ND	U	8000	ND	U	800	ND	U	8000	ND	UJ	800	ND	UJ	40	ND	U	8000
	XYLENES	860	J	1200	460	J	1200	500	J	1200	14000	J	24000	650	J	1200	ND	U	24000	ND	U	24000	ND	U	2400	ND	U	24000	1600	J-	2400	340	J-	120	13000	J	24000
FIXED GASES	CARBON DIOXIDE	4.2		0.1	0.4		0.1	0.47		0.1	1.3		0.1	0.3		0.1	0.87		0.1	0.21		0.1	0.39		0.1	1.9		0.1	2.1		0.1	2.1		0.1	6.6		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	82		0.1	78		0.1	78		0.1	78		0.1	77		0.1	81		0.1	78		0.1	80		0.1	80		0.1	81		0.1	80		0.1	86		0.1
	OXYGEN	14		0.1	20		0.1	20		0.1	19		0.1	21		0.1	17		0.1	21		0.1	19		0.1	17		0.1	17		0.1	17		0.1	5.3		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVMW-08-100			SVMW-08-250			SVMW-09-050			SVMW-09-100			SVMW-09-100			SVMW-09-250			SVMW-09-266			SVMW-10-050			SVMW-10-100			SVMW-10-150			SVMW-10-250			SVMW-11-050		
	SAMPLE NO	VA0400			VA0401			VA0403			VA0404			VA0405			VA0406			VA0407			VA0408			VA0409			VA0410			VA0411			VA0412		
	SAMPLE DATE	24-Aug-11			24-Aug-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			27-Sep-11			25-Aug-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			FD			REG			REG			REG			REG			REG			REG			REG		
	SAMPLE DEPTH	100-102.5 FT			250-252.5 FT			50-52.5 FT			100-102.5 FT			100-102.5 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		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	810000	J-	94000	750000		94000	6100000		940000	38000000		2300000	27000000		2300000	2400000		940000	9000000	J	940000	70000000		4700000	1E+08		4700000	10000000		940000	5300000		940000	18000000	J-	940000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	33000	J-	110000	97000	J	110000	ND	U	1100000	ND	U	2700000	ND	U	2700000	ND	U	1100000	ND	U	1100000	ND	U	5300000	ND	U	5300000	ND	U	1100000	ND	U	1100000	ND	UJ	1100000
	C9-C12 ALIPHATIC HYDROCARBONS	210000	J-	150000	230000		150000	ND	U	1500000	ND	U	3800000	ND	U	3800000	ND	U	1500000	1200000	J	1500000	ND	U	7600000	ND	U	7600000	450000	J	1500000	990000	J	1500000	780000	J-	1500000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,1,2-TRICHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,1-DICHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,1-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2,4-TRICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2,4-TRIMETHYLBENZENE	900		800	ND	U	800	910		800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2-DIBROMOETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2-DICHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,2-DICHLOROPROPANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,3,5-TRIMETHYLBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,3-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	1,4-DICHLOROBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	2-BUTANONE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	120000		40000	330000		40000	24000		8000	ND	U	8000	34000	J-	8000
	2-HEXANONE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	4-METHYL-2-PENTANONE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	ACETONE	3200		800	1400		800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	620000		40000	1800000		40000	170000		8000	28000		8000	190000	J-	8000
	BENZENE	8400		800	18000		800	86000		8000	220000		20000	210000		20000	23000		800	57000		8000	590000		40000	900000		40000	150000		8000	21000		8000	100000	J-	8000
	BENZENE, (CHLOROMETHYL)-	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	BROMODICHLOROMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	BROMOFORM	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	BROMOMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CARBON DISULFIDE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CARBON TETRACHLORIDE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CHLOROBENZENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CHLOROETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CHLOROFORM	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CHLOROMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CIS-1,2-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CIS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	CYCLOHEXANE	21000		1600	12000		1600	160000		16000	840000		40000	820000		40000	36000		1600	110000		16000	2200000		80000	2500000		80000	370000		16000	63000		16000	500000	J-	16000
	DIBROMOCHLOROMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	DICHLORODIFLUOROMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	ERYTHRENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	ETHYL ACETATE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	ETHYLBENZENE	1000	J	1600	ND	U	1600	3400		1600	ND	U	40000	ND	U	40000	860	J	1600	15000	J	16000	44000	J	80000	45000	J	80000	14000	J	16000	ND	U	16000	13000	J-	16000
	FREON 113	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	HEPTANE	9000		800	4000		800	59000		8000	320000		20000	320000		20000	22000		800	85000		8000	1400000		40000	1400000		40000	220000		8000	60000		8000	220000	J-	8000
	HEXACHLOROBUTADIENE	ND	U	1600	ND	U	1600	ND	U	1600	ND	U	40000	ND	U	40000	ND	U	1600	ND	U	16000	ND	U	80000	ND	U	80000	ND	U	16000	ND	U	16000	ND	UJ	16000
	HEXANE	22000		1600	12000		1600	76000		16000	700000		40000	670000		40000	43000		1600	100000		16000	1700000		80000	3000000		80000	530000		16000	74000		16000	180000	J-	16000
	M,P-XYLENES	2500		1600	1900		1600	8500		1600	23000	J	40000	25000	J	40000	2400		1600	26000		16000	87000		80000	97000		80000	35000		16000	29000		16000	34000	J-	16000
	METHYL TERT-BUTYL ETHER	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	METHYLENE CHLORIDE	8800		4000	5700		4000	ND	U	4000	ND	U	100000	ND	U	100000	2500	J	4000	ND	U	40000	ND	U	200000	ND	U	200000	ND	U	40000	ND	U	40000	ND	UJ	40000
	NAPHTHALENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	O-XYLENE	900		800	900		800	2700		800	ND	U	20000	ND	U	20000	ND	U	800	9100		8000	ND	U	40000	ND	U	40000	9900		8000	9300		8000	9400	J-	8000
	PROPYLENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	13000		8000	ND	U	8000	ND	UJ	8000
	STYRENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	TETRACHLOROETHENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	THF	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	TOLUENE	14000		800	10000		800	50000		8000	250000		20000	260000		20000	25000		800	120000		8000	1500000		40000	1500000		40000	240000		8000	66000		8000	390000	J-	8000
	TRANS-1,2-DICHLOROETHENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	TRANS-1,3-DICHLOROPROPENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	TRICHLOROETHENE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	TRICHLOROFLUOROMETHANE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	VINYL ACETATE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	VINYL CHLORIDE	ND	U	800	ND	U	800	ND	U	800	ND	U	20000	ND	U	20000	ND	U	800	ND	U	8000	ND	U	40000	ND	U	40000	ND	U	8000	ND	U	8000	ND	UJ	8000
	XYLENES	3400		2400	2800		2400	11000		2400	23000	J	60000	25000	J	60000	2400		2400	36000		24000	87000	J	120000	97000	J	120000	45000		24000	38000		24000	44000	J-	24000
FIXED GASES	CARBON DIOXIDE	4.7		0.1	0.39		0.1	6.3		0.1	5.7		0.1	5.5		0.1	0.49		0.1	0.68		0.1	6.9		0.1	7.3		0.1	3.4		0.1	0.66		0.1	7.2		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	85		0.1	78		0.1	81		0.1	83		0.1	83		0.1	78		0.1	77		0.1	82		0.1	84		0.1	81		0.1	78		0.1	87		0.1
	OXYGEN	9.4		0.1	20		0.1	11		0.1	9.6		0.1	9.5		0.1	20		0.1	20		0.1	7.8		0.1	4.9		0.1	13		0.1	20		0.1	4.9		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVMW-11-100			SVMW-11-250			SVMW-11-250			SVMW-11-260			SVMW-12-150			SVMW-12-250			SVMW-12-350			SVMW-12-450			SVMW-13-150			SVMW-13-250			SVMW-13-350			SVMW-13-350		
	SAMPLE NO	VA0413			VA0414			VA0415			VA0416			VA0417			VA0418			VA0419			VA0420			VA0421			VA0422			VA0423			VA0424		
	SAMPLE DATE	25-Aug-11			25-Aug-11			25-Aug-11			26-Aug-11			19-Jul-11			19-Jul-11			19-Jul-11			19-Jul-11			7-Sep-11			7-Sep-11			7-Sep-11			7-Sep-11		
	SAMPLE PURPOSE	REG			REG			FD			REG			REG			REG			REG			REG			REG			REG			REG			FD		
	SAMPLE DEPTH	100-102.5 FT			250-252.5 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			350-352.5 FT			350-352.5 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL	Result	VAL QUAL	RL	Result	VAL QUAL	RL
TPH (µg/m3) Method MA DEP APH	C5-C8 ALIPHATIC HYDROCARBONS	62000000	J-	4700000	36000000	J-	2300000	17000000	J-	940000	14000000	J-	940000	53000		4700	110000	J-	47000	170000	J-	47000	130000	J-	47000	2100000		940000	190000		47000	180000		47000	230000		47000
	C9-C10 AROMATIC HYDROCARBONS	ND	UJ	5300000	ND	UJ	2700000	ND	UJ	1100000	ND	UJ	1100000	ND	U	5300	ND	UJ	53000	ND	UJ	53000	ND	UJ	53000	ND	U	1100000	ND	U	53000	ND	U	53000	ND	U	53000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	UJ	7600000	1300000	J-	3800000	960000	J-	1500000	480000	J-	1500000	14000		7600	17000	J-	76000	23000	J-	76000	28000	J-	76000	ND	U	1500000	34000	J	76000	36000	J	76000	40000	J	76000
VOCs (ppbv) Method TO 15	1,1,1-TRICHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,1,2,2-TETRACHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,1,2-TRICHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,1-DICHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,1-DICHLOROETHENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2,4-TRICHLOROBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2,4-TRIMETHYLBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	62	J-	200	61	J-	200	61	J-	200	76	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2-DIBROMOETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2-DICHLOROBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2-DICHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,2-DICHLOROPROPANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,3,5-TRIMETHYLBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	32	J-	200	30	J-	200	31	J-	200	32	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,3-DICHLOROBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	1,4-DICHLOROBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	2-BUTANONE	42000	J-	20000	98000	J-	8000	63000	J-	8000	92000	J-	8000	ND	UJ	200	ND	UJ	200	220	J-	200	1700	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	2-HEXANONE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	4-METHYL-2-PENTANONE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	ACETONE	220000	J-	20000	530000	J-	8000	370000	J-	8000	420000	J-	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	1300	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	BENZENE	180000	J-	20000	95000	J-	8000	68000	J-	8000	250000	J-	8000	410	J-	200	310	J-	200	380	J-	200	290	J-	200	19000	J-	8000	2800		800	1500		400	1700		400
	BENZENE, (CHLOROMETHYL)-	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	BROMODICHLOROMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	BROMOFORM	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	BROMOMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CARBON DISULFIDE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CARBON TETRACHLORIDE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CHLOROBENZENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CHLOROETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CHLOROFORM	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CHLOROMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CIS-1,2-DICHLOROETHENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CIS-1,3-DICHLOROPROPENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	CYCLOHEXANE	880000	J-	40000	470000	J-	16000	340000	J-	16000	600000	J-	16000	590	J-	200	340	J-	200	500	J-	200	460	J-	200	10000	J-	16000	2800		1600	1800		800	2100		800
	DIBROMOCHLOROMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	DICHLORODIFLUOROMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	ERYTHRENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	ETHYL ACETATE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	610	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	ETHYLBENZENE	ND	UJ	40000	25000	J-	16000	19000	J-	16000	12000	J-	16000	190	J-	200	120	J-	200	130	J-	200	160	J-	200	ND	UJ	16000	ND	U	1600	ND	U	800	ND	U	800
	FREON 113	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	HEPTANE	420000	J-	20000	520000	J-	8000	420000	J-	8000	380000	J-	8000	720	J-	200	280	J-	200	430	J-	200	430	J-	200	ND	UJ	8000	1900		800	1200		400	1300		400
	HEXACHLOROBUTADIENE	ND	UJ	40000	ND	UJ	16000	ND	UJ	16000	ND	UJ	16000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	16000	ND	U	1600	ND	U	800	ND	U	800
	HEXANE	920000	J-	40000	190000	J-	16000	97000	J-	16000	380000	J-	16000	460	J-	200	230	J-	200	370	J-	200	300	J-	200	11000	J-	16000	2100		1600	1200		800	1400		800
	M,P-XYLENES	ND	UJ	40000	75000	J-	16000	58000	J-	16000	37000	J-	16000	650	J-	200	460	J-	200	540	J-	200	620	J-	200	ND	UJ	16000	1200	J	1600	580	J	800	760	J	800
	METHYL TERT-BUTYL ETHER	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	METHYLENE CHLORIDE	ND	UJ	100000	ND	UJ	40000	ND	UJ	40000	ND	UJ	40000	350	J-	200	310	J-	200	500	J-	200	160	J-	200	ND	UJ	40000	ND	U	4000	ND	U	2000	ND	U	2000
	NAPHTHALENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	O-XYLENE	ND	UJ	20000	19000	J-	8000	16000	J-	8000	9800	J-	8000	170	J-	200	130	J-	200	140	J-	200	170	J-	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	PROPYLENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	STYRENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	TETRACHLOROETHENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	THF	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	TOLUENE	280000	J-	20000	530000	J-	8000	440000	J-	8000	370000	J-	8000	2300	J-	200	1200	J-	200	1700	J-	200	1900	J-	200	36000	J-	8000	12000		800	5300		400	6300		400
	TRANS-1,2-DICHLOROETHENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	TRANS-1,3-DICHLOROPROPENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	TRICHLOROETHENE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	TRICHLOROFLUOROMETHANE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	VINYL ACETATE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	VINYL CHLORIDE	ND	UJ	20000	ND	UJ	8000	ND	UJ	8000	ND	UJ	8000	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	200	ND	UJ	8000	ND	U	800	ND	U	400	ND	U	400
	XYLENES	ND	UJ	60000	94000	J-	24000	74000	J-	24000	46000	J-	24000	820	J-	200	580	J-	200	680	J-	200	790	J-	200	ND	UJ	24000	1200	J	2400	580	J	1200	760	J	1200
FIXED GASES Method D2504 (Percent)	CARBON DIOXIDE	6.7		0.1	1		0.1	0.84		0.1	1		0.1	0.11		0.1	0.13		0.1	0.21		0.1	0.11		0.1	0.26		0.1	0.44		0.1	0.92		0.1	0.97		0.1
	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	METHANE	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	ND	U	0.5	ND	U	0.5	ND	U	0.5
	NITROGEN	86		0.1	79		0.1	79		0.1	79		0.1	78		0.1	78		0.1	78		0.1	78		0.1	79		0.1	81		0.1	80		0.1	80		0.1
	OXYGEN	4.3		0.1	19		0.1	19		0.1	19		0.1	21		0.1	21		0.1	21		0.1	22		0.1	21		0.1	18		0.1	19		0.1	19		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-3
Soil Vapor Analytical Results, July - September 2011

	LOCATION CODE	SVMW-13-450			SVMW-14-150			SVMW-14-250			SVMW-14-350			SVMW-14-450			SVMW-14-450			SVMW-15-150			SVMW-15-250			SVMW-15-350			SVMW-15-450		
	SAMPLE NO	VA0425			VA0426			VA0427			VA0428			VA0429			VA0431			VA0432			VA0433			VA0434			VA0435		
	SAMPLE DATE	7-Sep-11			20-Jul-11			20-Jul-11			21-Jul-11			21-Jul-11			21-Jul-11			26-Sep-11			26-Sep-11			26-Sep-11			26-Sep-11		
	SAMPLE PURPOSE	REG			REG			REG			REG			REG			FD			REG			REG			REG			REG		
	SAMPLE DEPTH	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			350-352.5 FT			450-452.5 FT		
Chemical Class & Analytical Method[a]	Parameter	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	Result	VAL QUAL	RL
TPH (µg/m3)	C5-C8 ALIPHATIC HYDROCARBONS	3100000		940000	37000		4700	35000		4700	53000		4700	410000		94000	260000		94000	170000		47000	420000		47000	37000000		2300000	360000		47000
Method MA DEP APH	C9-C10 AROMATIC HYDROCARBONS	ND	U	1100000	1500	J	5300	ND	U	5300	ND	U	5300	ND	U	110000	ND	U	110000	ND	U	53000	ND	U	53000	ND	U	2700000	ND	U	53000
	C9-C12 ALIPHATIC HYDROCARBONS	ND	U	1500000	15000		7600	12000		7600	9200		7600	ND	U	150000	ND	U	150000	40000	J	76000	15000	J	76000	ND	U	3800000	42000	J	76000
VOCs (ppbv)	1,1,1-TRICHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
Method TO 15	1,1,2,2-TETRACHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,1,2-TRICHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,1-DICHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,1-DICHLOROETHENE	ND	U	800	1.9	J-	8	5.6	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2,4-TRICHLOROBENZENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2,4-TRIMETHYLBENZENE	ND	U	800	36	J-	8	27	J-	8	20	J-	8	16	J-	8	20	J-	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2-DIBROMOETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2-DICHLOROBENZENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2-DICHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,2-DICHLOROPROPANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,3,5-TRIMETHYLBENZENE	ND	U	800	19	J-	8	14	J-	8	11	J-	8	7.5	J-	8	9.8	J-	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,3-DICHLOROBENZENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	1,4-DICHLOROBENZENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	2-BUTANONE	ND	U	800	24	J-	8	22	J-	8	15	J-	8	6.6	J-	8	8.7	J-	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	2-HEXANONE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	4-METHYL-2-PENTANONE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	ACETONE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	BENZENE	36000		800	97	J-	8	660	J-	8	68	J-	8	39	J-	8	49	J-	8	640	J+	400	3900		400	130000		20000	390000		8000
	BENZENE, (CHLOROMETHYL)-	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	BROMODICHLOROMETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	BROMOFORM	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	BROMOMETHANE	ND	U	800	1.2	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CARBON DISULFIDE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CARBON TETRACHLORIDE	ND	U	800	91	J-	8	110	J-	8	15	J-	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CHLOROBENZENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CHLOROETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CHLOROFORM	ND	U	800	5.1	J-	8	7	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CHLOROMETHANE	ND	U	800	6.2	J-	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CIS-1,2-DICHLOROETHENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CIS-1,3-DICHLOROPROPENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	CYCLOHEXANE	23000		1600	140	J-	8	140	J-	8	170	J-	8	130	J-	8	120	J-	8	1700	J+	800	3700		800	600000		40000	1200000		40000
	DIBROMOCHLOROMETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	DICHLORODIFLUOROMETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	ERYTHRENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	ETHYL ACETATE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	ETHYLBENZENE	ND	U	1600	82	J-	8	68	J-	8	55	J-	8	34	J-	8	48	J-	8	ND	U	800	ND	U	800	ND	U	40000	12000	J	16000
	FREON 113	ND	U	800	77	J-	8	71	J-	8	3.8	J-	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	HEPTANE	2900		800	140	J-	8	130	J-	8	96	J-	8	57	J-	8	81	J-	8	680	J+	400	710		400	270000		20000	430000		8000
	HEXACHLOROBUTADIENE	ND	U	1600	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	800	ND	U	800	ND	U	40000	ND	U	16000
	HEXANE	18000		1600	120	J-	8	110	J-	8	61	J-	8	68	J-	8	69	J-	8	670	J+	800	2500		800	610000		40000	1400000		40000
	M,P-XYLENES	ND	U	1600	250	J-	8	190	J-	8	160	J-	8	120	J-	8	150	J-	8	ND	U	800	ND	U	800	ND	U	40000	33000		16000
	METHYL TERT-BUTYL ETHER	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	METHYLENE CHLORIDE	ND	U	4000	8.7	J-	8	3.3	J-	8	4.6	J-	8	ND	UJ	8	3.8	J-	8	ND	U	2000	ND	U	2000	ND	U	100000	ND	U	40000
	NAPHTHALENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	O-XYLENE	ND	U	800	82	J-	8	76	J-	8	58	J-	8	36	J-	8	47	J-	8	ND	U	400	ND	U	400	ND	U	20000	8200		8000
	PROPYLENE	1700		800	9.2	J-	8	24	J-	8	32	J-	8	28	J-	8	21	J-	8	ND	U	400	ND	U	400	24000		20000	13000		8000
	STYRENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	TETRACHLOROETHENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	THF	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	TOLUENE	8000		800	540	J-	8	940	J-	8	350	J-	8	210	J-	8	260	J-	8	1400	J+	400	3200		400	150000		20000	490000		8000
	TRANS-1,2-DICHLOROETHENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	TRANS-1,3-DICHLOROPROPENE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	TRICHLOROETHENE	ND	U	800	31	J-	8	29	J-	8	4.9	J-	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	TRICHLOROFLUOROMETHANE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	VINYL ACETATE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	VINYL CHLORIDE	ND	U	800	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	UJ	8	ND	U	400	ND	U	400	ND	U	20000	ND	U	8000
	XYLENES	ND	U	2400	330	J-	8	270	J-	8	220	J-	8	160	J-	8	200	J-	8	ND	U	1200	ND	U	1200	ND	U	60000	41000		24000
FIXED GASES	CARBON DIOXIDE	0.37		0.1	0.16		0.1	0.17		0.1	0.12		0.1	0.8		0.1	0.46		0.1	0.26		0.1	0.45		0.1	0.49		0.1	0.95		0.1
Method D2504	CARBON MONOXIDE	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
(Percent)	METHANE	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	ND	U	0.5
	NITROGEN	80		0.1	78		0.1	78		0.1	78		0.1	83		0.1	81		0.1	79		0.1	79		0.1	80		0.1	78		0.1
	OXYGEN	19		0.1	20		0.1	21		0.1	21		0.1	15		0.1	18		0.1	19		0.1	18		0.1	17		0.1	18		0.1

[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 due to sample receipt condition.
RL = Reporting limit.

Table 4-4. Third Quarter 2011 Vapor Frequency of Detection Analysis

Parameter	CAS No.	Total Samples	No. Detects	Frequency of Detection (%)	Trend Analysis
1,1,1-Trichloroethane	71-55-6	294	0	0%	No
1,1,2,2-Tetrachloroethane	79-34-5	294	1	0%	No
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	294	12	4%	No
1,1,2-Trichloroethane	79-00-5	294	0	0%	No
1,1-Dichloroethane	75-34-3	294	0	0%	No
1,1-Dichloroethene	75-35-4	294	2	1%	No
1,2,4-Trichlorobenzene	120-82-1	294	0	0%	No
1,2,4-Trimethylbenzene	95-63-6	294	86	29%	**Yes**
1,2-Dibromoethane (EDB)	106-93-4	294	4	1%	No
1,2-Dichlorobenzene	95-50-1	294	0	0%	No
1,2-Dichloroethane (EDC)	107-06-2	294	0	0%	No
1,2-Dichloropropane	78-87-5	294	0	0%	No
1,3,5-Trimethylbenzene	108-67-8	294	54	18%	No
1,3-Butadiene	106-99-0	294	8	3%	No
1,3-Dichlorobenzene	541-73-1	294	0	0%	No
1,4-Dichlorobenzene	106-46-7	294	0	0%	No
2-Butanone (Mek)	78-93-3	294	109	37%	No
2-Hexanone	591-78-6	294	14	5%	No
4-Methyl-2-Pentanone	108-10-1	294	4	1%	No
Acetone	67-64-1	294	156	53%	No
Benzene	71-43-2	294	264	90%	**Yes**
Benzyl Chloride	100-44-7	294	0	0%	No
Bromodichloromethane	75-27-4	294	7	2%	No
Bromoform	75-25-2	294	0	0%	No
Bromomethane	74-83-9	294	1	0%	No
C5-C8 Aliphatic Hydrocarbons	ALI-05-08H	289	283	98%	**Yes**
C9-C10 Aromatic Hydrocarbons	ARO-09-10H	289	45	16%	No
C9-C12 Aliphatic Hydrocarbons	ALI-09-12H	289	185	64%	No
Carbon Dioxide	124-38-9	295	295	100%	No
Carbon Disulfide	75-15-0	294	21	7%	No
Carbon Monoxide	630-08-0	295	6	2%	No
Carbon Tetrachloride	56-23-5	294	20	7%	No
Chlorobenzene	108-90-7	294	0	0%	No
Chloroethane	75-00-3	294	0	0%	No
Chloroform	67-66-3	294	23	8%	No
Chloromethane	74-87-3	294	8	3%	No
Cis-1,2-Dichloroethene	156-59-2	294	0	0%	No
Cis-1,3-Dichloropropene	10061-01-5	294	0	0%	No
Cyclohexane	110-82-7	294	280	95%	**Yes**
Dibromochloromethane	124-48-1	294	1	0%	No
Dichlorodifluoromethane	75-71-8	294	2	1%	No
Ethyl Acetate	141-78-6	294	2	1%	No
Ethylbenzene	100-41-4	294	138	47%	**Yes**
Heptane	25339-56-4	294	258	88%	**Yes**
Hexachlorobutadiene	87-68-3	294	0	0%	No
Methane	74-82-8	295	3	1%	No
Methyl Tert-Butyl Ether (Mtbe)	1634-04-4	294	0	0%	No

Table 4-4. Third Quarter 2011 Vapor Frequency of Detection Analysis

Parameter	CAS No.	Total Samples	No. Detects	Frequency of Detection (%)	Trend Analysis
Methylene Chloride	75-09-2	294	112	38%	No
Naphthalene	91-20-3	294	0	0%	No
N-Hexane	110-54-3	294	271	92%	**Yes**
Nitrogen, Nitrite	7727-37-9	295	295	100%	No
Oxygen	7782-44-7	295	295	100%	No
Propene	115-07-1	62	36	58%	No
Propylene	115-07-1	232	58	25%	No
Styrene	100-42-5	294	4	1%	No
Tetrachloroethene	127-18-4	294	3	1%	No
Tetrahydrofuran	109-99-9	294	6	2%	No
Toluene	108-88-3	294	286	97%	**Yes**
Trans-1,2-Dichloroethene	156-60-5	294	0	0%	No
Trans-1,3-Dichloropropene	10061-02-6	294	0	0%	No
Trichloroethene	79-01-6	294	10	3%	No
Trichlorofluoromethane	75-69-4	294	4	1%	No
Vinyl Acetate	108-05-4	294	0	0%	No
Vinyl Chloride	75-01-4	294	0	0%	No
Xylenes, Total	1330-20-7	294	222	76%	**Yes**

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106028-150	1,542,329.4	1,474,330.3	5,348.9	138.5	158.5	5,210.4	5,190.4	9/30/2011	Benzene_Vapor	0.90	ppmv
KAFB-106028-250	1,542,329.4	1,474,330.5	5,348.9	238.5	258.5	5,110.4	5,090.4	9/30/2011	Benzene_Vapor	2.40	ppmv
KAFB-106028-350	1,542,329.7	1,474,330.5	5,348.9	338.5	358.5	5,010.4	4,990.4	9/30/2011	Benzene_Vapor	5.60	ppmv
KAFB-106028-450	1,542,329.8	1,474,330.7	5,348.9	438.5	458.5	4,910.4	4,890.4	9/30/2011	Benzene_Vapor	6.50	ppmv
KAFB-106108-025	1,541,083.9	1,473,729.7	5,341.9	14.0	26.0	5,327.9	5,315.9	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106108-050	1,541,083.7	1,473,729.5	5,341.9	38.0	52.0	5,303.9	5,289.9	9/30/2011	Benzene_Vapor	0.28	ppmv
KAFB-106108-150	1,541,084.0	1,473,729.3	5,341.9	139.0	152.0	5,202.9	5,189.9	9/30/2011	Benzene_Vapor	4.30	ppmv
KAFB-106108-250	1,541,084.2	1,473,729.4	5,341.9	239.0	252.0	5,102.9	5,089.9	9/30/2011	Benzene_Vapor	20.00	ppmv
KAFB-106108-350	1,541,084.1	1,473,729.7	5,341.9	337.0	352.0	5,004.9	4,989.9	9/30/2011	Benzene_Vapor	3.00	ppmv
KAFB-106108-450	1,541,084.0	1,473,730.1	5,341.9	437.0	458.0	4,904.9	4,883.9	9/30/2011	Benzene_Vapor	1.80	ppmv
KAFB-106109-025	1,540,803.7	1,473,477.6	5,338.7	14.0	26.0	5,324.7	5,312.7	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106109-050	1,540,803.9	1,473,477.8	5,338.7	38.0	51.0	5,300.7	5,287.7	9/30/2011	Benzene_Vapor	0.20	ppmv
KAFB-106109-150	1,540,803.7	1,473,478.1	5,338.7	138.0	152.0	5,200.7	5,186.7	9/30/2011	Benzene_Vapor	0.06	ppmv
KAFB-106109-250	1,540,803.4	1,473,478.0	5,338.7	238.0	251.0	5,100.7	5,087.7	9/30/2011	Benzene_Vapor	0.19	ppmv
KAFB-106109-350	1,540,803.4	1,473,477.7	5,338.7	338.0	351.0	5,000.7	4,987.7	9/30/2011	Benzene_Vapor	1.40	ppmv
KAFB-106109-450	1,540,803.6	1,473,478.0	5,338.7	436.0	458.0	4,902.7	4,880.7	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106110-025	1,541,121.6	1,473,283.5	5,340.5	16.0	26.0	5,324.5	5,314.5	9/30/2011	Benzene_Vapor	1.20	ppmv
KAFB-106110-050	1,541,121.3	1,473,283.3	5,340.5	39.0	51.0	5,301.5	5,289.5	9/30/2011	Benzene_Vapor	2.90	ppmv
KAFB-106110-150	1,541,121.5	1,473,283.0	5,340.5	138.0	151.0	5,202.5	5,189.5	9/30/2011	Benzene_Vapor	3.00	ppmv
KAFB-106110-250	1,541,121.7	1,473,283.1	5,340.5	238.0	251.0	5,102.5	5,089.5	9/30/2011	Benzene_Vapor	5.10	ppmv
KAFB-106110-350	1,541,121.8	1,473,283.3	5,340.5	338.0	351.0	5,002.5	4,989.5	9/30/2011	Benzene_Vapor	2.80	ppmv
KAFB-106110-450	1,541,121.6	1,473,283.8	5,340.5	437.0	457.0	4,903.5	4,883.5	9/30/2011	Benzene_Vapor	15.00	ppmv
KAFB-106111-025	1,541,336.0	1,473,286.2	5,341.4	13.0	26.0	5,328.4	5,315.4	9/30/2011	Benzene_Vapor	11.00	ppmv
KAFB-106111-050	1,541,336.1	1,473,286.0	5,341.4	39.0	51.0	5,302.4	5,290.4	9/30/2011	Benzene_Vapor	5.30	ppmv
KAFB-106111-150	1,541,336.4	1,473,286.1	5,341.4	137.0	152.0	5,204.4	5,189.4	9/30/2011	Benzene_Vapor	7.50	ppmv
KAFB-106111-250	1,541,336.4	1,473,286.3	5,341.4	238.0	252.0	5,103.4	5,089.4	9/30/2011	Benzene_Vapor	7.60	ppmv
KAFB-106111-350	1,541,336.1	1,473,286.4	5,341.4	337.0	352.0	5,004.4	4,989.4	9/30/2011	Benzene_Vapor	5.90	ppmv
KAFB-106111-450	1,541,336.1	1,473,286.6	5,341.4	437.0	460.0	4,904.4	4,881.4	9/30/2011	Benzene_Vapor	94.00	ppmv
KAFB-106112-025	1,541,936.5	1,473,503.1	5,347.7	13.0	26.0	5,334.7	5,321.7	9/30/2011	Benzene_Vapor	0.61	ppmv
KAFB-106112-050	1,541,936.7	1,473,502.8	5,347.7	38.0	52.0	5,309.7	5,295.7	9/30/2011	Benzene_Vapor	1.00	ppmv
KAFB-106112-150	1,541,937.0	1,473,502.9	5,347.7	137.0	152.0	5,210.7	5,195.7	9/30/2011	Benzene_Vapor	0.37	ppmv
KAFB-106112-250	1,541,937.0	1,473,503.2	5,347.7	235.0	252.0	5,112.7	5,095.7	9/30/2011	Benzene_Vapor	1.20	ppmv
KAFB-106112-350	1,541,936.7	1,473,503.3	5,347.7	337.0	352.0	5,010.7	4,995.7	9/30/2011	Benzene_Vapor	0.08	ppmv
KAFB-106112-450	1,541,936.8	1,473,503.7	5,347.7	438.0	460.0	4,909.7	4,887.7	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106113-020	1,542,004.4	1,473,062.2	5,345.8	8.0	21.0	5,337.8	5,324.8	9/30/2011	Benzene_Vapor	4.30	ppmv
KAFB-106113-050	1,542,004.2	1,473,061.8	5,345.8	38.0	51.0	5,307.8	5,294.8	9/30/2011	Benzene_Vapor	2.50	ppmv
KAFB-106113-150	1,542,004.5	1,473,061.6	5,345.8	138.0	151.0	5,207.8	5,194.8	9/30/2011	Benzene_Vapor	1.70	ppmv
KAFB-106113-250	1,542,004.8	1,473,061.8	5,345.8	238.0	251.0	5,107.8	5,094.8	9/30/2011	Benzene_Vapor	1.40	ppmv
KAFB-106113-350	1,542,004.7	1,473,062.1	5,345.8	337.0	351.0	5,008.8	4,994.8	9/30/2011	Benzene_Vapor	35.00	ppmv
KAFB-106113-450	1,542,004.5	1,473,062.0	5,345.8	438.0	457.0	4,907.8	4,888.8	9/30/2011	Benzene_Vapor	93.00	ppmv
KAFB-106114-025	1,541,796.5	1,473,062.4	5,344.8	13.0	26.0	5,331.8	5,318.8	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106114-050	1,541,796.2	1,473,062.1	5,344.8	38.0	51.0	5,306.8	5,293.8	9/30/2011	Benzene_Vapor	0.38	ppmv
KAFB-106114-150	1,541,796.4	1,473,061.8	5,344.8	138.0	151.0	5,206.8	5,193.8	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106114-250	1,541,796.7	1,473,061.9	5,344.8	233.0	246.0	5,111.8	5,098.8	9/30/2011	Benzene_Vapor	0.13	ppmv
KAFB-106114-350	1,541,796.7	1,473,062.2	5,344.8	338.0	351.0	5,006.8	4,993.8	9/30/2011	Benzene_Vapor	13.00	ppmv
KAFB-106114-450	1,541,796.5	1,473,062.6	5,344.8	438.0	451.0	4,906.8	4,893.8	9/30/2011	Benzene_Vapor	460.00	ppmv
KAFB-106115-025	1,542,375.3	1,473,054.9	5,348.0	13.0	26.0	5,335.0	5,322.0	9/30/2011	Benzene_Vapor	0.56	ppmv
KAFB-106115-050	1,542,375.1	1,473,054.6	5,348.0	38.0	51.0	5,310.0	5,297.0	9/30/2011	Benzene_Vapor	1.60	ppmv
KAFB-106115-150	1,542,374.9	1,473,054.7	5,348.0	143.0	156.0	5,205.0	5,192.0	9/30/2011	Benzene_Vapor	0.53	ppmv
KAFB-106115-250	1,542,374.8	1,473,054.9	5,348.0	238.0	251.0	5,110.0	5,097.0	9/30/2011	Benzene_Vapor	0.56	ppmv
KAFB-106115-350	1,542,375.1	1,473,055.0	5,348.0	338.0	351.0	5,010.0	4,997.0	9/30/2011	Benzene_Vapor	1.70	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106115-450	1,542,375.1	1,473,055.2	5,348.0	438.0	455.0	4,910.0	4,893.0	9/30/2011	Benzene_Vapor	17.00	ppmv
KAFB-106116-025	1,541,894.6	1,473,296.4	5,346.2	8.0	22.0	5,338.2	5,324.2	9/30/2011	Benzene_Vapor	0.55	ppmv
KAFB-106116-050	1,541,894.9	1,473,296.4	5,346.2	37.0	52.0	5,309.2	5,294.2	9/30/2011	Benzene_Vapor	2.20	ppmv
KAFB-106116-150	1,541,894.5	1,473,296.7	5,346.2	137.0	156.0	5,209.2	5,190.2	9/30/2011	Benzene_Vapor	0.95	ppmv
KAFB-106116-250	1,541,894.7	1,473,296.9	5,346.2	238.0	252.0	5,108.2	5,094.2	9/30/2011	Benzene_Vapor	5.90	ppmv
KAFB-106116-350	1,541,895.0	1,473,296.7	5,346.2	338.0	353.0	5,008.2	4,993.2	9/30/2011	Benzene_Vapor	110.00	ppmv
KAFB-106116-450	1,541,894.7	1,473,296.7	5,346.2	437.0	456.0	4,909.2	4,890.2	9/30/2011	Benzene_Vapor	910.00	ppmv
KAFB-106117-025	1,541,727.8	1,473,366.3	5,345.3	13.0	26.0	5,332.3	5,319.3	9/30/2011	Benzene_Vapor	0.93	ppmv
KAFB-106117-050	1,541,728.0	1,473,366.6	5,345.3	38.0	51.0	5,307.3	5,294.3	9/30/2011	Benzene_Vapor	0.88	ppmv
KAFB-106117-150	1,541,727.8	1,473,366.8	5,345.3	137.0	151.0	5,208.3	5,194.3	9/30/2011	Benzene_Vapor	1.30	ppmv
KAFB-106117-250	1,541,727.5	1,473,366.7	5,345.3	238.0	251.0	5,107.3	5,094.3	9/30/2011	Benzene_Vapor	10.00	ppmv
KAFB-106117-350	1,541,727.5	1,473,366.4	5,345.3	338.0	351.0	5,007.3	4,994.3	9/30/2011	Benzene_Vapor	460.00	ppmv
KAFB-106117-450	1,541,727.8	1,473,366.7	5,345.3	438.0	460.0	4,907.3	4,885.3	9/30/2011	Benzene_Vapor	840.00	ppmv
KAFB-106118-025	1,541,791.3	1,473,740.7	5,345.8	13.0	26.0	5,332.8	5,319.8	9/30/2011	Benzene_Vapor	2.10	ppmv
KAFB-106118-050	1,541,791.4	1,473,741.0	5,345.8	37.0	52.0	5,308.8	5,293.8	9/30/2011	Benzene_Vapor	2.10	ppmv
KAFB-106118-160	1,541,791.5	1,473,740.6	5,345.8	147.0	162.0	5,198.8	5,183.8	9/30/2011	Benzene_Vapor	2.90	ppmv
KAFB-106118-265	1,541,791.8	1,473,741.0	5,345.8	250.0	265.0	5,095.8	5,080.8	9/30/2011	Benzene_Vapor	43.00	ppmv
KAFB-106118-450	1,541,791.6	1,473,741.3	5,345.8	437.0	459.0	4,908.8	4,886.8	9/30/2011	Benzene_Vapor	6.00	ppmv
KAFB-106119-025	1,541,613.1	1,473,519.6	5,343.6	13.0	26.0	5,330.6	5,317.6	9/30/2011	Benzene_Vapor	0.80	ppmv
KAFB-106119-050	1,541,613.2	1,473,519.3	5,343.6	38.0	52.0	5,305.6	5,291.6	9/30/2011	Benzene_Vapor	0.99	ppmv
KAFB-106119-150	1,541,613.5	1,473,519.4	5,343.6	138.0	152.0	5,205.6	5,191.6	9/30/2011	Benzene_Vapor	12.00	ppmv
KAFB-106119-250	1,541,613.5	1,473,519.7	5,343.6	237.0	252.0	5,106.6	5,091.6	9/30/2011	Benzene_Vapor	15.00	ppmv
KAFB-106119-350	1,541,613.3	1,473,519.8	5,343.6	338.0	352.0	5,005.6	4,991.6	9/30/2011	Benzene_Vapor	130.00	ppmv
KAFB-106119-450	1,541,613.2	1,473,520.2	5,343.6	438.0	460.0	4,905.6	4,883.6	9/30/2011	Benzene_Vapor	90.00	ppmv
KAFB-106120-025	1,542,055.0	1,472,900.3	5,343.4	12.0	27.0	5,331.4	5,316.4	9/30/2011	Benzene_Vapor	0.13	ppmv
KAFB-106120-050	1,542,055.1	1,472,900.5	5,343.4	36.0	53.0	5,307.4	5,290.4	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106120-150	1,542,055.0	1,472,900.7	5,343.4	137.0	153.0	5,206.4	5,190.4	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106120-250	1,542,054.6	1,472,900.5	5,343.4	237.0	252.0	5,106.4	5,091.4	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106120-350	1,542,054.8	1,472,900.3	5,343.4	336.0	352.0	5,007.4	4,991.4	9/30/2011	Benzene_Vapor	0.19	ppmv
KAFB-106120-450	1,542,054.9	1,472,900.6	5,343.4	431.0	447.0	4,912.4	4,896.4	9/30/2011	Benzene_Vapor	17.00	ppmv
KAFB-106121-025	1,542,051.5	1,472,805.8	5,343.8	11.0	27.0	5,332.8	5,316.8	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106121-050	1,542,051.8	1,472,805.7	5,343.8	37.0	52.0	5,306.8	5,291.8	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106121-145	1,542,051.3	1,472,805.6	5,343.8	131.0	149.0	5,212.8	5,194.8	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106121-250	1,542,051.4	1,472,805.4	5,343.8	237.0	252.0	5,106.8	5,091.8	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106121-350	1,542,051.7	1,472,805.4	5,343.8	335.0	356.0	5,008.8	4,987.8	9/30/2011	Benzene_Vapor	4.70	ppmv
KAFB-106121-450	1,542,051.5	1,472,805.7	5,343.8	428.0	448.0	4,915.8	4,895.8	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106122-025	1,542,096.3	1,472,866.3	5,343.9	12.0	27.0	5,331.9	5,316.9	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106122-050	1,542,096.3	1,472,866.6	5,343.9	37.0	52.0	5,306.9	5,291.9	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106122-150	1,542,096.0	1,472,866.7	5,343.9	137.0	151.0	5,206.9	5,192.9	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106122-250	1,542,095.9	1,472,866.4	5,343.9	237.0	252.0	5,106.9	5,091.9	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106122-350	1,542,096.1	1,472,866.2	5,343.9	336.0	352.0	5,007.9	4,991.9	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106122-450	1,542,096.1	1,472,866.5	5,343.9	431.0	448.0	4,912.9	4,895.9	9/30/2011	Benzene_Vapor	1.10	ppmv
KAFB-106123-025	1,542,010.8	1,472,850.4	5,344.1	12.0	27.0	5,332.1	5,317.1	9/30/2011	Benzene_Vapor	0.04	ppmv
KAFB-106123-050	1,542,010.7	1,472,850.7	5,344.1	37.0	52.0	5,307.1	5,292.1	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106123-150	1,542,010.3	1,472,850.7	5,344.1	137.0	152.0	5,207.1	5,192.1	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106123-250	1,542,010.3	1,472,850.3	5,344.1	237.0	252.0	5,107.1	5,092.1	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106123-350	1,542,010.6	1,472,850.2	5,344.1	337.0	353.0	5,007.1	4,991.1	9/30/2011	Benzene_Vapor	2.40	ppmv
KAFB-106123-450	1,542,010.5	1,472,850.6	5,344.1	429.0	442.0	4,915.1	4,902.1	9/30/2011	Benzene_Vapor	0.20	ppmv
KAFB-106124-025	1,542,370.4	1,472,802.6	5,345.6	12.0	27.0	5,333.6	5,318.6	9/30/2011	Benzene_Vapor	0.59	ppmv
KAFB-106124-050	1,542,370.1	1,472,802.6	5,345.6	37.0	52.0	5,308.6	5,293.6	9/30/2011	Benzene_Vapor	0.21	ppmv
KAFB-106124-150	1,542,370.0	1,472,802.3	5,345.6	137.0	152.0	5,208.6	5,193.6	9/30/2011	Benzene_Vapor	0.06	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106124-250	1,542,370.2	1,472,802.1	5,345.6	237.0	252.0	5,108.6	5,093.6	9/30/2011	Benzene_Vapor	0.09	ppmv
KAFB-106124-350	1,542,370.5	1,472,802.3	5,345.6	335.0	352.0	5,010.6	4,993.6	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106124-450	1,542,370.2	1,472,802.5	5,345.6	436.0	458.0	4,909.6	4,887.6	9/30/2011	Benzene_Vapor	4.00	ppmv
KAFB-106125-025	1,542,445.0	1,472,869.7	5,345.6	2.0	27.0	5,343.6	5,318.6	9/30/2011	Benzene_Vapor	0.13	ppmv
KAFB-106125-050	1,542,444.7	1,472,869.7	5,345.6	37.0	53.0	5,308.6	5,292.6	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106125-150	1,542,444.6	1,472,869.5	5,345.6	136.0	152.0	5,209.6	5,193.6	9/30/2011	Benzene_Vapor	0.04	ppmv
KAFB-106125-250	1,542,444.8	1,472,869.3	5,345.6	236.0	252.0	5,109.6	5,093.6	9/30/2011	Benzene_Vapor	0.03	ppmv
KAFB-106125-350	1,542,445.0	1,472,869.3	5,345.6	337.0	351.0	5,008.6	4,994.6	9/30/2011	Benzene_Vapor	0.15	ppmv
KAFB-106125-450	1,542,444.8	1,472,869.6	5,345.6	436.0	457.0	4,909.6	4,888.6	9/30/2011	Benzene_Vapor	1.20	ppmv
KAFB-106126-025	1,542,500.0	1,472,796.2	5,345.8	12.0	27.0	5,333.8	5,318.8	9/30/2011	Benzene_Vapor	1.10	ppmv
KAFB-106126-050	1,542,500.0	1,472,796.5	5,345.8	37.0	52.0	5,308.8	5,293.8	9/30/2011	Benzene_Vapor	1.00	ppmv
KAFB-106126-150	1,542,499.7	1,472,796.6	5,345.8	137.0	152.0	5,208.8	5,193.8	9/30/2011	Benzene_Vapor	0.96	ppmv
KAFB-106126-250	1,542,499.5	1,472,796.3	5,345.8	237.0	252.0	5,108.8	5,093.8	9/30/2011	Benzene_Vapor	1.40	ppmv
KAFB-106126-350	1,542,499.7	1,472,796.0	5,345.8	336.0	353.0	5,009.8	4,992.8	9/30/2011	Benzene_Vapor	3.30	ppmv
KAFB-106126-450	1,542,499.7	1,472,796.4	5,345.8	437.0	458.0	4,908.8	4,887.8	9/30/2011	Benzene_Vapor	2.70	ppmv
KAFB-106127-025	1,542,437.0	1,472,747.1	5,345.9	12.0	27.0	5,333.9	5,318.9	9/30/2011	Benzene_Vapor	0.20	ppmv
KAFB-106127-050	1,542,436.8	1,472,747.2	5,345.9	37.0	53.0	5,308.9	5,292.9	9/30/2011	Benzene_Vapor	0.30	ppmv
KAFB-106127-150	1,542,436.5	1,472,747.0	5,345.9	137.0	153.0	5,208.9	5,192.9	9/30/2011	Benzene_Vapor	1.60	ppmv
KAFB-106127-250	1,542,436.7	1,472,746.7	5,345.9	235.0	253.0	5,110.9	5,092.9	9/30/2011	Benzene_Vapor	1.50	ppmv
KAFB-106127-350	1,542,437.0	1,472,746.7	5,345.9	337.0	352.0	5,008.9	4,993.9	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106127-450	1,542,436.8	1,472,747.1	5,345.9	437.0	458.0	4,908.9	4,887.9	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106128-025	1,541,619.6	1,473,223.2	5,343.8	15.0	26.0	5,328.8	5,317.8	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106128-150	1,541,619.7	1,473,222.8	5,343.8	139.0	152.0	5,204.8	5,191.8	9/30/2011	Benzene_Vapor	170.00	ppmv
KAFB-106128-250	1,541,620.0	1,473,222.9	5,343.8	236.0	251.0	5,107.8	5,092.8	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106128-350	1,541,619.9	1,473,223.3	5,343.8	338.0	351.0	5,005.8	4,992.8	9/30/2011	Benzene_Vapor	82.00	ppmv
KAFB-106128-450	1,541,619.7	1,473,223.1	5,343.8	437.0	458.0	4,906.8	4,885.8	9/30/2011	Benzene_Vapor	410.00	ppmv
KAFB-106129-025	1,542,130.5	1,473,260.8	5,348.5	13.0	26.0	5,335.5	5,322.5	9/30/2011	Benzene_Vapor	1.10	ppmv
KAFB-106129-050	1,542,130.8	1,473,260.6	5,348.5	38.0	51.0	5,310.5	5,297.5	9/30/2011	Benzene_Vapor	1.00	ppmv
KAFB-106129-150	1,542,131.0	1,473,260.9	5,348.5	137.0	151.0	5,211.5	5,197.5	9/30/2011	Benzene_Vapor	0.81	ppmv
KAFB-106129-250	1,542,130.9	1,473,261.1	5,348.5	238.0	251.0	5,110.5	5,097.5	9/30/2011	Benzene_Vapor	0.74	ppmv
KAFB-106129-350	1,542,130.6	1,473,261.1	5,348.5	335.0	348.0	5,013.5	5,000.5	9/30/2011	Benzene_Vapor	16.00	ppmv
KAFB-106129-450	1,542,130.8	1,473,261.4	5,348.5	437.0	460.0	4,911.5	4,888.5	9/30/2011	Benzene_Vapor	69.00	ppmv
KAFB-106130-025	1,542,130.9	1,473,565.7	5,349.1	12.0	26.0	5,337.1	5,323.1	9/30/2011	Benzene_Vapor	0.84	ppmv
KAFB-106130-050	1,542,131.1	1,473,565.5	5,349.1	38.0	53.0	5,311.1	5,296.1	9/30/2011	Benzene_Vapor	9.40	ppmv
KAFB-106130-150	1,542,131.4	1,473,565.6	5,349.1	147.0	162.0	5,202.1	5,187.1	9/30/2011	Benzene_Vapor	2.50	ppmv
KAFB-106130-250	1,542,131.3	1,473,565.9	5,349.1	238.0	251.0	5,111.1	5,098.1	9/30/2011	Benzene_Vapor	3.10	ppmv
KAFB-106130-350	1,542,131.1	1,473,566.0	5,349.1	338.0	352.0	5,011.1	4,997.1	9/30/2011	Benzene_Vapor	4.00	ppmv
KAFB-106130-450	1,542,131.3	1,473,566.3	5,349.1	438.0	455.0	4,911.1	4,894.1	9/30/2011	Benzene_Vapor	140.00	ppmv
KAFB-106131-025	1,541,690.4	1,472,926.9	5,344.5	13.0	26.0	5,331.5	5,318.5	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106131-055	1,541,690.6	1,472,926.7	5,344.5	43.0	56.0	5,301.5	5,288.5	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106131-150	1,541,690.5	1,472,927.2	5,344.5	138.0	151.0	5,206.5	5,193.5	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106131-245	1,541,690.9	1,472,926.9	5,344.5	233.0	246.0	5,111.5	5,098.5	9/30/2011	Benzene_Vapor	5.60	ppmv
KAFB-106131-350	1,541,690.8	1,472,927.2	5,344.5	338.0	351.0	5,006.5	4,993.5	9/30/2011	Benzene_Vapor	15.00	ppmv
KAFB-106131-450	1,541,690.6	1,472,927.6	5,344.5	428.0	450.0	4,916.5	4,894.5	9/30/2011	Benzene_Vapor	78.00	ppmv
KAFB-106132-025	1,542,804.3	1,473,591.3	5,353.0	13.0	27.0	5,340.0	5,326.0	9/30/2011	Benzene_Vapor	0.03	ppmv
KAFB-106132-050	1,542,803.8	1,473,591.4	5,353.0	38.0	51.0	5,315.0	5,302.0	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106132-175	1,542,804.1	1,473,591.1	5,353.0	163.0	182.0	5,190.0	5,171.0	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106132-250	1,542,803.8	1,473,591.1	5,353.0	238.0	252.0	5,115.0	5,101.0	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106132-350	1,542,804.1	1,473,591.5	5,353.0	338.0	352.0	5,015.0	5,001.0	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106132-450	1,542,804.1	1,473,591.7	5,353.0	437.0	460.0	4,916.0	4,893.0	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106133-025	1,542,416.1	1,473,501.6	5,352.0	13.0	26.0	5,339.0	5,326.0	9/30/2011	Benzene_Vapor	0.02	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106133-050	1,542,416.0	1,473,501.9	5,352.0	38.0	52.0	5,314.0	5,300.0	9/30/2011	Benzene_Vapor	3.10	ppmv
KAFB-106133-170	1,542,416.3	1,473,502.1	5,352.0	158.0	172.0	5,194.0	5,180.0	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106133-250	1,542,416.5	1,473,501.9	5,352.0	238.0	252.0	5,114.0	5,100.0	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106133-350	1,542,416.5	1,473,501.6	5,352.0	338.0	352.0	5,014.0	5,000.0	9/30/2011	Benzene_Vapor	0.23	ppmv
KAFB-106133-450	1,542,416.3	1,473,502.4	5,352.0	438.0	460.0	4,914.0	4,892.0	9/30/2011	Benzene_Vapor	0.35	ppmv
KAFB-106134-025	1,542,371.3	1,473,809.9	5,347.8	13.0	26.0	5,334.8	5,321.8	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106134-050	1,542,371.0	1,473,809.9	5,347.8	38.0	52.0	5,309.8	5,295.8	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106134-170	1,542,371.4	1,473,810.2	5,347.8	158.0	171.0	5,189.8	5,176.8	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106134-250	1,542,371.2	1,473,810.4	5,347.8	238.0	251.0	5,109.8	5,096.8	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106134-350	1,542,370.9	1,473,810.2	5,347.8	338.0	351.0	5,009.8	4,996.8	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106134-450	1,542,371.2	1,473,810.7	5,347.8	438.0	460.0	4,909.8	4,887.8	9/30/2011	Benzene_Vapor	1.10	ppmv
KAFB-106135-025	1,542,905.1	1,474,068.9	5,351.1	13.0	27.0	5,338.1	5,324.1	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106135-050	1,542,905.3	1,474,068.7	5,351.1	37.0	52.0	5,314.1	5,299.1	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106135-150	1,542,905.1	1,474,068.4	5,351.1	138.0	152.0	5,213.1	5,199.1	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106135-250	1,542,904.8	1,474,068.5	5,351.1	238.0	252.0	5,113.1	5,099.1	9/30/2011	Benzene_Vapor	0.32	ppmv
KAFB-106135-350	1,542,904.8	1,474,068.8	5,351.1	338.0	352.0	5,013.1	4,999.1	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106135-450	1,542,905.0	1,474,068.8	5,351.1	437.0	460.0	4,914.1	4,891.1	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106136-025	1,543,098.9	1,474,675.7	5,351.7	13.0	27.0	5,338.7	5,324.7	9/30/2011	Benzene_Vapor	0.18	ppmv
KAFB-106136-050	1,543,098.9	1,474,676.0	5,351.7	38.0	52.0	5,313.7	5,299.7	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106136-150	1,543,098.6	1,474,676.0	5,351.7	137.0	152.0	5,214.7	5,199.7	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106136-250	1,543,098.4	1,474,675.8	5,351.7	236.0	253.0	5,115.7	5,098.7	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106136-350	1,543,098.7	1,474,675.5	5,351.7	337.0	352.0	5,014.7	4,999.7	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106136-450	1,543,098.7	1,474,675.9	5,351.7	437.0	457.0	4,914.7	4,894.7	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106137-025	1,542,321.6	1,474,077.4	5,347.3	13.0	26.0	5,334.3	5,321.3	9/30/2011	Benzene_Vapor	0.03	ppmv
KAFB-106137-050	1,542,321.4	1,474,077.5	5,347.3	38.0	52.0	5,309.3	5,295.3	9/30/2011	Benzene_Vapor	0.03	ppmv
KAFB-106137-150	1,542,321.1	1,474,077.4	5,347.3	138.0	152.0	5,209.3	5,195.3	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106137-250	1,542,321.3	1,474,077.1	5,347.3	238.0	251.0	5,109.3	5,096.3	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106137-350	1,542,321.6	1,474,077.1	5,347.3	338.0	351.0	5,009.3	4,996.3	9/30/2011	Benzene_Vapor	0.00	ppmv
KAFB-106137-450	1,542,321.5	1,474,079.4	5,347.3	438.0	460.0	4,909.3	4,887.3	9/30/2011	Benzene_Vapor	0.37	ppmv
KAFB-106138-025	1,541,536.7	1,475,005.7	5,347.4	12.0	26.0	5,335.4	5,321.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106138-050	1,541,536.4	1,475,005.6	5,347.4	37.0	52.0	5,310.4	5,295.4	9/30/2011	Benzene_Vapor	0.07	ppmv
KAFB-106138-150	1,541,536.4	1,475,005.3	5,347.4	138.0	152.0	5,209.4	5,195.4	9/30/2011	Benzene_Vapor	0.04	ppmv
KAFB-106138-250	1,541,536.7	1,475,005.2	5,347.4	238.0	251.0	5,109.4	5,096.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106138-350	1,541,536.9	1,475,005.4	5,347.4	338.0	351.0	5,009.4	4,996.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106138-450	1,541,536.6	1,475,005.5	5,347.4	438.0	460.0	4,909.4	4,887.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106139-025	1,541,248.3	1,474,049.9	5,341.3	13.0	26.0	5,328.3	5,315.3	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106139-050	1,541,248.5	1,474,049.4	5,341.3	38.0	51.0	5,303.3	5,290.3	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106139-150	1,541,248.3	1,474,049.3	5,341.3	137.0	152.0	5,204.3	5,189.3	9/30/2011	Benzene_Vapor	0.03	ppmv
KAFB-106139-250	1,541,248.1	1,474,049.6	5,341.3	236.0	252.0	5,105.3	5,089.3	9/30/2011	Benzene_Vapor	0.29	ppmv
KAFB-106139-350	1,541,248.6	1,474,049.7	5,341.3	338.0	353.0	5,003.3	4,988.3	9/30/2011	Benzene_Vapor	0.20	ppmv
KAFB-106139-450	1,541,248.5	1,474,050.1	5,341.3	438.0	460.0	4,903.3	4,881.3	9/30/2011	Benzene_Vapor	0.01	ppmv
KAFB-106140-025	1,542,236.6	1,472,632.5	5,345.3	13.0	26.0	5,332.3	5,319.3	9/30/2011	Benzene_Vapor	0.09	ppmv
KAFB-106140-050	1,542,237.0	1,472,632.4	5,345.3	38.0	51.0	5,307.3	5,294.3	9/30/2011	Benzene_Vapor	0.06	ppmv
KAFB-106140-150	1,542,236.7	1,472,632.9	5,345.3	138.0	153.0	5,207.3	5,192.3	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106140-250	1,542,237.0	1,472,632.9	5,345.3	237.0	256.0	5,108.3	5,089.3	9/30/2011	Benzene_Vapor	0.04	ppmv
KAFB-106140-350	1,542,237.2	1,472,632.7	5,345.3	338.0	352.0	5,007.3	4,993.3	9/30/2011	Benzene_Vapor	0.40	ppmv
KAFB-106140-450	1,542,236.9	1,472,632.8	5,345.3	437.0	458.0	4,908.3	4,887.3	9/30/2011	Benzene_Vapor	2.70	ppmv
KAFB-106141-025	1,542,470.9	1,475,343.4	5,334.4	12.0	27.0	5,322.4	5,307.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106141-050	1,542,471.0	1,475,343.7	5,334.4	47.0	60.0	5,287.4	5,274.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106141-170	1,542,470.8	1,475,343.9	5,334.4	158.0	173.0	5,176.4	5,161.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106141-250	1,542,470.6	1,475,343.8	5,334.4	237.0	253.0	5,097.4	5,081.4	9/30/2011	Benzene_Vapor	0.01	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106141-350	1,542,470.6	1,475,343.5	5,334.4	336.0	353.0	4,998.4	4,981.4	9/30/2011	Benzene_Vapor	0.16	ppmv
KAFB-106141-450	1,542,470.8	1,475,343.8	5,334.4	437.0	458.0	4,897.4	4,876.4	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106142-030	1,542,455.7	1,474,944.0	5,349.2	17.0	31.0	5,332.2	5,318.2	9/30/2011	Benzene_Vapor	0.05	ppmv
KAFB-106142-050	1,542,455.4	1,474,944.2	5,349.2	37.0	52.0	5,312.2	5,297.2	9/30/2011	Benzene_Vapor	0.04	ppmv
KAFB-106142-170	1,542,455.2	1,474,943.9	5,349.2	157.0	173.0	5,192.2	5,176.2	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106142-250	1,542,455.4	1,474,943.7	5,349.2	237.0	252.0	5,112.2	5,097.2	9/30/2011	Benzene_Vapor	0.02	ppmv
KAFB-106142-350	1,542,455.7	1,474,943.7	5,349.2	338.0	357.0	5,011.2	4,992.2	9/30/2011	Benzene_Vapor	0.16	ppmv
KAFB-106142-450	1,542,455.5	1,474,944.0	5,349.2	437.0	460.0	4,912.2	4,889.2	9/30/2011	Benzene_Vapor	26.00	ppmv
SVEW-01-260	1,541,421.4	1,473,522.6	5,343.3	240.0	265.0	5,103.3	5,078.3	9/30/2011	Benzene_Vapor	120.00	ppmv
SVEW-02-060	1,541,431.0	1,473,524.9	5,343.4	40.0	60.0	5,303.4	5,283.4	9/30/2011	Benzene_Vapor	120.00	ppmv
SVEW-03-160	1,541,431.1	1,473,523.8	5,343.4	139.0	160.0	5,204.4	5,183.4	9/30/2011	Benzene_Vapor	78.00	ppmv
SVEW-04-313	1,541,409.4	1,473,525.0	5,343.4	293.0	313.0	5,050.4	5,030.4	9/30/2011	Benzene_Vapor	43.00	ppmv
SVEW-05-460	1,541,410.3	1,473,525.1	5,343.4	440.0	460.0	4,903.4	4,883.4	9/30/2011	Benzene_Vapor	120.00	ppmv
SVEW-06-060	1,541,234.4	1,473,527.2	5,343.4	40.0	60.0	5,303.4	5,283.4	9/30/2011	Benzene_Vapor	13.00	ppmv
SVEW-07-160	1,541,235.1	1,473,527.2	5,343.4	139.0	160.0	5,204.4	5,183.4	9/30/2011	Benzene_Vapor	41.00	ppmv
SVEW-08-260	1,541,226.5	1,473,525.9	5,343.4	240.0	260.0	5,103.4	5,083.4	9/30/2011	Benzene_Vapor	70.00	ppmv
SVEW-09-460	1,541,226.9	1,473,525.5	5,343.4	430.0	457.0	4,913.4	4,886.4	9/30/2011	Benzene_Vapor	17.00	ppmv
SVEW-10-410	1,540,843.9	1,473,728.9	5,340.2	395.0	410.0	4,945.2	4,930.2	9/30/2011	Benzene_Vapor	0.28	ppmv
SVEW-11-410	1,541,992.0	1,473,669.5	5,347.6	395.0	410.0	4,952.6	4,937.6	9/30/2011	Benzene_Vapor	10.00	ppmv
SVEW-12-410	1,540,964.2	1,473,119.6	5,338.9	395.0	410.0	4,943.9	4,928.9	9/30/2011	Benzene_Vapor	1.00	ppmv
SVEW-13-410	1,541,979.9	1,473,408.1	5,347.0	395.0	410.0	4,952.0	4,937.0	9/30/2011	Benzene_Vapor	280.00	ppmv
SVMW-01-050	1,541,090.1	1,473,534.4	5,343.1	41.3	61.3	5,301.8	5,281.8	9/30/2011	Benzene_Vapor	2.00	ppmv
SVMW-01-100	1,541,090.4	1,473,534.8	5,343.1	91.3	111.3	5,251.8	5,231.8	9/30/2011	Benzene_Vapor	150.00	ppmv
SVMW-01-250	1,541,090.4	1,473,534.4	5,343.1	242.0	262.0	5,101.1	5,081.1	9/30/2011	Benzene_Vapor	2.90	ppmv
SVMW-01-300	1,541,090.1	1,473,534.9	5,343.1	299.3	319.3	5,043.8	5,023.8	9/30/2011	Benzene_Vapor	18.00	ppmv
SVMW-02-050	1,541,412.0	1,473,655.9	5,341.5	41.3	61.3	5,300.3	5,280.3	9/30/2011	Benzene_Vapor	4.60	ppmv
SVMW-02-100	1,541,412.1	1,473,655.7	5,341.5	88.3	108.3	5,253.3	5,233.3	9/30/2011	Benzene_Vapor	270.00	ppmv
SVMW-02-150	1,541,412.2	1,473,656.0	5,341.5	141.3	161.3	5,200.3	5,180.3	9/30/2011	Benzene_Vapor	35.00	ppmv
SVMW-03-050	1,541,518.4	1,473,497.4	5,343.6	41.3	61.3	5,302.3	5,282.3	9/30/2011	Benzene_Vapor	1.70	ppmv
SVMW-03-100	1,541,518.5	1,473,497.7	5,343.6	91.3	111.3	5,252.3	5,232.3	9/30/2011	Benzene_Vapor	510.00	ppmv
SVMW-03-250	1,541,518.7	1,473,497.5	5,343.6	241.3	261.3	5,102.3	5,082.3	9/30/2011	Benzene_Vapor	110.00	ppmv
SVMW-03-300	1,541,518.6	1,473,497.2	5,343.6	291.3	311.3	5,052.3	5,032.3	9/30/2011	Benzene_Vapor	9.20	ppmv
SVMW-04-050	1,541,274.9	1,473,448.5	5,341.3	41.3	61.3	5,300.0	5,280.0	9/30/2011	Benzene_Vapor	20.00	ppmv
SVMW-04-100	1,541,274.5	1,473,448.6	5,341.3	89.3	109.3	5,252.0	5,232.0	9/30/2011	Benzene_Vapor	250.00	ppmv
SVMW-04-250	1,541,274.5	1,473,448.4	5,341.3	241.3	261.3	5,100.0	5,080.0	9/30/2011	Benzene_Vapor	23.00	ppmv
SVMW-04-300	1,541,274.7	1,473,448.1	5,341.3	288.8	308.8	5,052.5	5,032.5	9/30/2011	Benzene_Vapor	4.80	ppmv
SVMW-05-050	1,541,016.0	1,473,498.3	5,342.9	41.3	61.3	5,301.6	5,281.6	9/30/2011	Benzene_Vapor	2.60	ppmv
SVMW-05-100	1,541,015.7	1,473,498.6	5,342.9	91.3	111.3	5,251.6	5,231.6	9/30/2011	Benzene_Vapor	3.60	ppmv
SVMW-05-230	1,541,016.2	1,473,498.7	5,342.9	220.0	240.0	5,122.9	5,102.9	9/30/2011	Benzene_Vapor	1.30	ppmv
SVMW-05-290	1,541,015.9	1,473,498.8	5,342.9	278.5	298.5	5,064.4	5,044.4	9/30/2011	Benzene_Vapor	3.50	ppmv
SVMW-06-050	1,541,802.5	1,473,507.4	5,346.2	41.3	61.3	5,305.0	5,285.0	9/30/2011	Benzene_Vapor	21.00	ppmv
SVMW-06-100	1,541,803.0	1,473,507.3	5,346.2	90.5	110.5	5,255.7	5,235.7	9/30/2011	Benzene_Vapor	0.87	ppmv
SVMW-06-252	1,541,802.7	1,473,507.7	5,346.2	243.3	263.3	5,103.0	5,083.0	9/30/2011	Benzene_Vapor	250.00	ppmv
SVMW-06-302	1,541,802.6	1,473,507.1	5,346.2	293.5	313.5	5,052.7	5,032.7	9/30/2011	Benzene_Vapor	94.00	ppmv
SVMW-07-050	1,541,493.3	1,473,791.1	5,342.4	40.8	60.8	5,301.7	5,281.7	9/30/2011	Benzene_Vapor	8.60	ppmv
SVMW-07-100	1,541,493.0	1,473,791.2	5,342.4	86.8	106.8	5,255.7	5,235.7	9/30/2011	Benzene_Vapor	34.00	ppmv
SVMW-07-150	1,541,493.2	1,473,791.4	5,342.4	138.3	158.3	5,204.2	5,184.2	9/30/2011	Benzene_Vapor	0.44	ppmv
SVMW-08-050	1,541,274.7	1,473,555.1	5,342.8	41.3	61.3	5,301.5	5,281.5	9/30/2011	Benzene_Vapor	170.00	ppmv
SVMW-08-100	1,541,274.7	1,473,555.3	5,342.8	90.0	110.0	5,252.8	5,232.8	9/30/2011	Benzene_Vapor	8.40	ppmv
SVMW-08-250	1,541,274.8	1,473,555.0	5,342.8	241.3	261.3	5,101.5	5,081.5	9/30/2011	Benzene_Vapor	18.00	ppmv
SVMW-09-050	1,541,322.7	1,473,544.3	5,343.0	41.3	61.3	5,301.7	5,281.7	9/30/2011	Benzene_Vapor	86.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
SVMW-09-100	1,541,322.6	1,473,544.2	5,343.0	91.3	111.3	5,251.7	5,231.7	9/30/2011	Benzene_Vapor	220.00	ppmv
SVMW-09-250	1,541,322.4	1,473,544.5	5,343.0	241.3	261.3	5,101.7	5,081.7	9/30/2011	Benzene_Vapor	23.00	ppmv
SVMW-09-266	1,541,322.2	1,473,544.4	5,343.0	257.3	277.3	5,085.7	5,065.7	9/30/2011	Benzene_Vapor	57.00	ppmv
SVMW-10-050	1,541,371.1	1,473,534.1	5,343.1	41.3	61.3	5,301.9	5,281.9	9/30/2011	Benzene_Vapor	590.00	ppmv
SVMW-10-100	1,541,371.1	1,473,534.6	5,343.1	91.3	111.3	5,251.9	5,231.9	9/30/2011	Benzene_Vapor	900.00	ppmv
SVMW-10-150	1,541,371.4	1,473,534.3	5,343.1	141.3	161.3	5,201.9	5,181.9	9/30/2011	Benzene_Vapor	150.00	ppmv
SVMW-10-250	1,541,371.0	1,473,534.2	5,343.1	241.3	261.3	5,101.9	5,081.9	9/30/2011	Benzene_Vapor	21.00	ppmv
SVMW-11-050	1,541,411.7	1,473,473.5	5,343.1	41.3	61.3	5,301.9	5,281.9	9/30/2011	Benzene_Vapor	100.00	ppmv
SVMW-11-100	1,541,411.9	1,473,473.8	5,343.1	91.3	111.3	5,251.9	5,231.9	9/30/2011	Benzene_Vapor	180.00	ppmv
SVMW-11-250	1,541,411.4	1,473,473.9	5,343.1	241.3	261.3	5,101.9	5,081.9	9/30/2011	Benzene_Vapor	95.00	ppmv
SVMW-11-260	1,541,411.5	1,473,474.1	5,343.1	251.3	271.3	5,091.9	5,071.9	9/30/2011	Benzene_Vapor	250.00	ppmv
SVMW-12-150	1,540,843.9	1,473,728.5	5,340.2	141.3	161.3	5,198.9	5,178.9	9/30/2011	Benzene_Vapor	0.41	ppmv
SVMW-12-250	1,540,844.2	1,473,728.6	5,340.2	241.3	261.3	5,098.9	5,078.9	9/30/2011	Benzene_Vapor	0.31	ppmv
SVMW-12-350	1,540,843.9	1,473,729.0	5,340.2	341.3	361.3	4,998.9	4,978.9	9/30/2011	Benzene_Vapor	0.38	ppmv
SVMW-12-450	1,540,843.6	1,473,728.8	5,340.2	441.3	461.3	4,898.9	4,878.9	9/30/2011	Benzene_Vapor	0.29	ppmv
SVMW-13-150	1,541,991.8	1,473,669.7	5,347.6	141.3	161.3	5,206.3	5,186.3	9/30/2011	Benzene_Vapor	19.00	ppmv
SVMW-13-250	1,541,991.5	1,473,669.7	5,347.6	241.3	261.3	5,106.3	5,086.3	9/30/2011	Benzene_Vapor	2.80	ppmv
SVMW-13-350	1,541,991.6	1,473,669.5	5,347.6	341.3	361.3	5,006.3	4,986.3	9/30/2011	Benzene_Vapor	1.50	ppmv
SVMW-13-450	1,541,991.7	1,473,669.2	5,347.6	441.3	461.3	4,906.3	4,886.3	9/30/2011	Benzene_Vapor	36.00	ppmv
SVMW-14-150	1,540,964.0	1,473,119.4	5,338.9	141.3	161.3	5,197.6	5,177.6	9/30/2011	Benzene_Vapor	0.10	ppmv
SVMW-14-250	1,540,963.7	1,473,119.5	5,338.9	241.3	261.3	5,097.6	5,077.6	9/30/2011	Benzene_Vapor	0.33	ppmv
SVMW-14-350	1,540,963.7	1,473,119.2	5,338.9	341.3	361.3	4,997.6	4,977.6	9/30/2011	Benzene_Vapor	0.07	ppmv
SVMW-14-450	1,540,964.2	1,473,119.2	5,338.9	441.3	461.3	4,897.6	4,877.6	9/30/2011	Benzene_Vapor	0.04	ppmv
SVMW-15-150	1,541,979.8	1,473,407.9	5,347.0	141.3	161.3	5,205.7	5,185.7	9/30/2011	Benzene_Vapor	0.64	ppmv
SVMW-15-250	1,541,980.3	1,473,408.0	5,347.0	241.3	261.3	5,105.7	5,085.7	9/30/2011	Benzene_Vapor	3.90	ppmv
SVMW-15-350	1,541,980.0	1,473,407.7	5,347.0	341.3	361.3	5,005.7	4,985.7	9/30/2011	Benzene_Vapor	130.00	ppmv
SVMW-15-450	1,541,980.0	1,473,408.2	5,347.0	441.3	461.3	4,905.7	4,885.7	9/30/2011	Benzene_Vapor	390.00	ppmv
KAFB-106028-150	1,542,329.4	1,474,330.3	5,348.9	138.5	158.5	5,210.4	5,190.4	9/30/2011	VOC_Vapor_Total	83.00	ppmv
KAFB-106028-250	1,542,329.4	1,474,330.5	5,348.9	238.5	258.5	5,110.4	5,090.4	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106028-350	1,542,329.7	1,474,330.5	5,348.9	338.5	358.5	5,010.4	4,990.4	9/30/2011	VOC_Vapor_Total	260.00	ppmv
KAFB-106028-450	1,542,329.8	1,474,330.7	5,348.9	438.5	458.5	4,910.4	4,890.4	9/30/2011	VOC_Vapor_Total	460.00	ppmv
KAFB-106108-025	1,541,083.9	1,473,729.7	5,341.9	14.0	26.0	5,327.9	5,315.9	9/30/2011	VOC_Vapor_Total	42.00	ppmv
KAFB-106108-050	1,541,083.7	1,473,729.5	5,341.9	38.0	52.0	5,303.9	5,289.9	9/30/2011	VOC_Vapor_Total	19.00	ppmv
KAFB-106108-150	1,541,084.0	1,473,729.3	5,341.9	139.0	152.0	5,202.9	5,189.9	9/30/2011	VOC_Vapor_Total	230.00	ppmv
KAFB-106108-250	1,541,084.2	1,473,729.4	5,341.9	239.0	252.0	5,102.9	5,089.9	9/30/2011	VOC_Vapor_Total	500.00	ppmv
KAFB-106108-350	1,541,084.1	1,473,729.7	5,341.9	337.0	352.0	5,004.9	4,989.9	9/30/2011	VOC_Vapor_Total	210.00	ppmv
KAFB-106108-450	1,541,084.0	1,473,730.1	5,341.9	437.0	458.0	4,904.9	4,883.9	9/30/2011	VOC_Vapor_Total	190.00	ppmv
KAFB-106109-025	1,540,803.7	1,473,477.6	5,338.7	14.0	26.0	5,324.7	5,312.7	9/30/2011	VOC_Vapor_Total	9.10	ppmv
KAFB-106109-050	1,540,803.9	1,473,477.8	5,338.7	38.0	51.0	5,300.7	5,287.7	9/30/2011	VOC_Vapor_Total	11.00	ppmv
KAFB-106109-150	1,540,803.7	1,473,478.1	5,338.7	138.0	152.0	5,200.7	5,186.7	9/30/2011	VOC_Vapor_Total	7.70	ppmv
KAFB-106109-250	1,540,803.4	1,473,478.0	5,338.7	238.0	251.0	5,100.7	5,087.7	9/30/2011	VOC_Vapor_Total	15.00	ppmv
KAFB-106109-350	1,540,803.4	1,473,477.7	5,338.7	338.0	351.0	5,000.7	4,987.7	9/30/2011	VOC_Vapor_Total	280.00	ppmv
KAFB-106109-450	1,540,803.6	1,473,478.0	5,338.7	436.0	458.0	4,902.7	4,880.7	9/30/2011	VOC_Vapor_Total	100.00	ppmv
KAFB-106110-025	1,541,121.6	1,473,283.5	5,340.5	16.0	26.0	5,324.5	5,314.5	9/30/2011	VOC_Vapor_Total	210.00	ppmv
KAFB-106110-050	1,541,121.3	1,473,283.3	5,340.5	39.0	51.0	5,301.5	5,289.5	9/30/2011	VOC_Vapor_Total	130.00	ppmv
KAFB-106110-150	1,541,121.5	1,473,283.0	5,340.5	138.0	151.0	5,202.5	5,189.5	9/30/2011	VOC_Vapor_Total	220.00	ppmv
KAFB-106110-250	1,541,121.7	1,473,283.1	5,340.5	238.0	251.0	5,102.5	5,089.5	9/30/2011	VOC_Vapor_Total	150.00	ppmv
KAFB-106110-350	1,541,121.8	1,473,283.3	5,340.5	338.0	351.0	5,002.5	4,989.5	9/30/2011	VOC_Vapor_Total	370.00	ppmv
KAFB-106110-450	1,541,121.6	1,473,283.8	5,340.5	437.0	457.0	4,903.5	4,883.5	9/30/2011	VOC_Vapor_Total	5,000.00	ppmv
KAFB-106111-025	1,541,336.0	1,473,286.2	5,341.4	13.0	26.0	5,328.4	5,315.4	9/30/2011	VOC_Vapor_Total	270.00	ppmv
KAFB-106111-050	1,541,336.1	1,473,286.0	5,341.4	39.0	51.0	5,302.4	5,290.4	9/30/2011	VOC_Vapor_Total	180.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106111-150	1,541,336.4	1,473,286.1	5,341.4	137.0	152.0	5,204.4	5,189.4	9/30/2011	VOC_Vapor_Total	310.00	ppmv
KAFB-106111-250	1,541,336.4	1,473,286.3	5,341.4	238.0	252.0	5,103.4	5,089.4	9/30/2011	VOC_Vapor_Total	150.00	ppmv
KAFB-106111-350	1,541,336.1	1,473,286.4	5,341.4	337.0	352.0	5,004.4	4,989.4	9/30/2011	VOC_Vapor_Total	940.00	ppmv
KAFB-106111-450	1,541,336.1	1,473,286.6	5,341.4	437.0	460.0	4,904.4	4,881.4	9/30/2011	VOC_Vapor_Total	4,900.00	ppmv
KAFB-106112-025	1,541,936.5	1,473,503.1	5,347.7	13.0	26.0	5,334.7	5,321.7	9/30/2011	VOC_Vapor_Total	73.00	ppmv
KAFB-106112-050	1,541,936.7	1,473,502.8	5,347.7	38.0	52.0	5,309.7	5,295.7	9/30/2011	VOC_Vapor_Total	120.00	ppmv
KAFB-106112-150	1,541,937.0	1,473,502.9	5,347.7	137.0	152.0	5,210.7	5,195.7	9/30/2011	VOC_Vapor_Total	56.00	ppmv
KAFB-106112-250	1,541,937.0	1,473,503.2	5,347.7	235.0	252.0	5,112.7	5,095.7	9/30/2011	VOC_Vapor_Total	68.00	ppmv
KAFB-106112-350	1,541,936.7	1,473,503.3	5,347.7	337.0	352.0	5,010.7	4,995.7	9/30/2011	VOC_Vapor_Total	56.00	ppmv
KAFB-106112-450	1,541,936.8	1,473,503.7	5,347.7	438.0	460.0	4,909.7	4,887.7	9/30/2011	VOC_Vapor_Total	48.00	ppmv
KAFB-106113-020	1,542,004.4	1,473,062.2	5,345.8	8.0	21.0	5,337.8	5,324.8	9/30/2011	VOC_Vapor_Total	200.00	ppmv
KAFB-106113-050	1,542,004.2	1,473,061.8	5,345.8	38.0	51.0	5,307.8	5,294.8	9/30/2011	VOC_Vapor_Total	130.00	ppmv
KAFB-106113-150	1,542,004.5	1,473,061.6	5,345.8	138.0	151.0	5,207.8	5,194.8	9/30/2011	VOC_Vapor_Total	120.00	ppmv
KAFB-106113-250	1,542,004.8	1,473,061.8	5,345.8	238.0	251.0	5,107.8	5,094.8	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106113-350	1,542,004.7	1,473,062.1	5,345.8	337.0	351.0	5,008.8	4,994.8	9/30/2011	VOC_Vapor_Total	1,800.00	ppmv
KAFB-106113-450	1,542,004.5	1,473,062.0	5,345.8	438.0	457.0	4,907.8	4,888.8	9/30/2011	VOC_Vapor_Total	4,200.00	ppmv
KAFB-106114-025	1,541,796.5	1,473,062.4	5,344.8	13.0	26.0	5,331.8	5,318.8	9/30/2011	VOC_Vapor_Total	2.30	ppmv
KAFB-106114-050	1,541,796.2	1,473,062.1	5,344.8	38.0	51.0	5,306.8	5,293.8	9/30/2011	VOC_Vapor_Total	11.00	ppmv
KAFB-106114-150	1,541,796.4	1,473,061.8	5,344.8	138.0	151.0	5,206.8	5,193.8	9/30/2011	VOC_Vapor_Total	4.40	ppmv
KAFB-106114-250	1,541,796.7	1,473,061.9	5,344.8	233.0	246.0	5,111.8	5,098.8	9/30/2011	VOC_Vapor_Total	7.90	ppmv
KAFB-106114-350	1,541,796.7	1,473,062.2	5,344.8	338.0	351.0	5,006.8	4,993.8	9/30/2011	VOC_Vapor_Total	300.00	ppmv
KAFB-106114-450	1,541,796.5	1,473,062.6	5,344.8	438.0	451.0	4,906.8	4,893.8	9/30/2011	VOC_Vapor_Total	17,000.00	ppmv
KAFB-106115-025	1,542,375.3	1,473,054.9	5,348.0	13.0	26.0	5,335.0	5,322.0	9/30/2011	VOC_Vapor_Total	18.00	ppmv
KAFB-106115-050	1,542,375.1	1,473,054.6	5,348.0	38.0	51.0	5,310.0	5,297.0	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106115-150	1,542,374.9	1,473,054.7	5,348.0	143.0	156.0	5,205.0	5,192.0	9/30/2011	VOC_Vapor_Total	15.00	ppmv
KAFB-106115-250	1,542,374.8	1,473,054.9	5,348.0	238.0	251.0	5,110.0	5,097.0	9/30/2011	VOC_Vapor_Total	18.00	ppmv
KAFB-106115-350	1,542,375.1	1,473,055.0	5,348.0	338.0	351.0	5,010.0	4,997.0	9/30/2011	VOC_Vapor_Total	1,800.00	ppmv
KAFB-106115-450	1,542,375.1	1,473,055.2	5,348.0	438.0	455.0	4,910.0	4,893.0	9/30/2011	VOC_Vapor_Total	9,400.00	ppmv
KAFB-106116-025	1,541,894.6	1,473,296.4	5,346.2	8.0	22.0	5,338.2	5,324.2	9/30/2011	VOC_Vapor_Total	73.00	ppmv
KAFB-106116-050	1,541,894.9	1,473,296.4	5,346.2	37.0	52.0	5,309.2	5,294.2	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106116-150	1,541,894.5	1,473,296.7	5,346.2	137.0	156.0	5,209.2	5,190.2	9/30/2011	VOC_Vapor_Total	89.00	ppmv
KAFB-106116-250	1,541,894.7	1,473,296.9	5,346.2	238.0	252.0	5,108.2	5,094.2	9/30/2011	VOC_Vapor_Total	180.00	ppmv
KAFB-106116-350	1,541,895.0	1,473,296.7	5,346.2	338.0	353.0	5,008.2	4,993.2	9/30/2011	VOC_Vapor_Total	5,100.00	ppmv
KAFB-106116-450	1,541,894.7	1,473,296.7	5,346.2	437.0	456.0	4,909.2	4,890.2	9/30/2011	VOC_Vapor_Total	21,000.00	ppmv
KAFB-106117-025	1,541,727.8	1,473,366.3	5,345.3	13.0	26.0	5,332.3	5,319.3	9/30/2011	VOC_Vapor_Total	65.00	ppmv
KAFB-106117-050	1,541,728.0	1,473,366.6	5,345.3	38.0	51.0	5,307.3	5,294.3	9/30/2011	VOC_Vapor_Total	55.00	ppmv
KAFB-106117-150	1,541,727.8	1,473,366.8	5,345.3	137.0	151.0	5,208.3	5,194.3	9/30/2011	VOC_Vapor_Total	2,300.00	ppmv
KAFB-106117-250	1,541,727.5	1,473,366.7	5,345.3	238.0	251.0	5,107.3	5,094.3	9/30/2011	VOC_Vapor_Total	140.00	ppmv
KAFB-106117-350	1,541,727.5	1,473,366.4	5,345.3	338.0	351.0	5,007.3	4,994.3	9/30/2011	VOC_Vapor_Total	15,000.00	ppmv
KAFB-106117-450	1,541,727.8	1,473,366.7	5,345.3	438.0	460.0	4,907.3	4,885.3	9/30/2011	VOC_Vapor_Total	34,000.00	ppmv
KAFB-106118-025	1,541,791.3	1,473,740.7	5,345.8	13.0	26.0	5,332.8	5,319.8	9/30/2011	VOC_Vapor_Total	150.00	ppmv
KAFB-106118-050	1,541,791.4	1,473,741.0	5,345.8	37.0	52.0	5,308.8	5,293.8	9/30/2011	VOC_Vapor_Total	150.00	ppmv
KAFB-106118-160	1,541,791.5	1,473,740.6	5,345.8	147.0	162.0	5,198.8	5,183.8	9/30/2011	VOC_Vapor_Total	200.00	ppmv
KAFB-106118-265	1,541,791.8	1,473,741.0	5,345.8	250.0	265.0	5,095.8	5,080.8	9/30/2011	VOC_Vapor_Total	1,300.00	ppmv
KAFB-106118-450	1,541,791.6	1,473,741.3	5,345.8	437.0	459.0	4,908.8	4,886.8	9/30/2011	VOC_Vapor_Total	420.00	ppmv
KAFB-106119-025	1,541,613.1	1,473,519.6	5,343.6	13.0	26.0	5,330.6	5,317.6	9/30/2011	VOC_Vapor_Total	97.00	ppmv
KAFB-106119-050	1,541,613.2	1,473,519.3	5,343.6	38.0	52.0	5,305.6	5,291.6	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106119-150	1,541,613.5	1,473,519.4	5,343.6	138.0	152.0	5,205.6	5,191.6	9/30/2011	VOC_Vapor_Total	1,200.00	ppmv
KAFB-106119-250	1,541,613.5	1,473,519.7	5,343.6	237.0	252.0	5,106.6	5,091.6	9/30/2011	VOC_Vapor_Total	250.00	ppmv
KAFB-106119-350	1,541,613.3	1,473,519.8	5,343.6	338.0	352.0	5,005.6	4,991.6	9/30/2011	VOC_Vapor_Total	4,400.00	ppmv
KAFB-106119-450	1,541,613.2	1,473,520.2	5,343.6	438.0	460.0	4,905.6	4,883.6	9/30/2011	VOC_Vapor_Total	3,100.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106120-025	1,542,055.0	1,472,900.3	5,343.4	12.0	27.0	5,331.4	5,316.4	9/30/2011	VOC_Vapor_Total	130.00	ppmv
KAFB-106120-050	1,542,055.1	1,472,900.5	5,343.4	36.0	53.0	5,307.4	5,290.4	9/30/2011	VOC_Vapor_Total	170.00	ppmv
KAFB-106120-150	1,542,055.0	1,472,900.7	5,343.4	137.0	153.0	5,206.4	5,190.4	9/30/2011	VOC_Vapor_Total	90.00	ppmv
KAFB-106120-250	1,542,054.6	1,472,900.5	5,343.4	237.0	252.0	5,106.4	5,091.4	9/30/2011	VOC_Vapor_Total	80.00	ppmv
KAFB-106120-350	1,542,054.8	1,472,900.3	5,343.4	336.0	352.0	5,007.4	4,991.4	9/30/2011	VOC_Vapor_Total	160.00	ppmv
KAFB-106120-450	1,542,054.9	1,472,900.6	5,343.4	431.0	447.0	4,912.4	4,896.4	9/30/2011	VOC_Vapor_Total	2,700.00	ppmv
KAFB-106121-025	1,542,051.5	1,472,805.8	5,343.8	11.0	27.0	5,332.8	5,316.8	9/30/2011	VOC_Vapor_Total	5.90	ppmv
KAFB-106121-050	1,542,051.8	1,472,805.7	5,343.8	37.0	52.0	5,306.8	5,291.8	9/30/2011	VOC_Vapor_Total	4.50	ppmv
KAFB-106121-145	1,542,051.3	1,472,805.6	5,343.8	131.0	149.0	5,212.8	5,194.8	9/30/2011	VOC_Vapor_Total	4.90	ppmv
KAFB-106121-250	1,542,051.4	1,472,805.4	5,343.8	237.0	252.0	5,106.8	5,091.8	9/30/2011	VOC_Vapor_Total	5.20	ppmv
KAFB-106121-350	1,542,051.7	1,472,805.4	5,343.8	335.0	356.0	5,008.8	4,987.8	9/30/2011	VOC_Vapor_Total	2,200.00	ppmv
KAFB-106121-450	1,542,051.5	1,472,805.7	5,343.8	428.0	448.0	4,915.8	4,895.8	9/30/2011	VOC_Vapor_Total	140.00	ppmv
KAFB-106122-025	1,542,096.3	1,472,866.3	5,343.9	12.0	27.0	5,331.9	5,316.9	9/30/2011	VOC_Vapor_Total	8.20	ppmv
KAFB-106122-050	1,542,096.3	1,472,866.6	5,343.9	37.0	52.0	5,306.9	5,291.9	9/30/2011	VOC_Vapor_Total	6.70	ppmv
KAFB-106122-150	1,542,096.0	1,472,866.7	5,343.9	137.0	151.0	5,206.9	5,192.9	9/30/2011	VOC_Vapor_Total	0.76	ppmv
KAFB-106122-250	1,542,095.9	1,472,866.4	5,343.9	237.0	252.0	5,106.9	5,091.9	9/30/2011	VOC_Vapor_Total	0.76	ppmv
KAFB-106122-350	1,542,096.1	1,472,866.2	5,343.9	336.0	352.0	5,007.9	4,991.9	9/30/2011	VOC_Vapor_Total	67.00	ppmv
KAFB-106122-450	1,542,096.1	1,472,866.5	5,343.9	431.0	448.0	4,912.9	4,895.9	9/30/2011	VOC_Vapor_Total	68.00	ppmv
KAFB-106123-025	1,542,010.8	1,472,850.4	5,344.1	12.0	27.0	5,332.1	5,317.1	9/30/2011	VOC_Vapor_Total	20.00	ppmv
KAFB-106123-050	1,542,010.7	1,472,850.7	5,344.1	37.0	52.0	5,307.1	5,292.1	9/30/2011	VOC_Vapor_Total	10.00	ppmv
KAFB-106123-150	1,542,010.3	1,472,850.7	5,344.1	137.0	152.0	5,207.1	5,192.1	9/30/2011	VOC_Vapor_Total	10.00	ppmv
KAFB-106123-250	1,542,010.3	1,472,850.3	5,344.1	237.0	252.0	5,107.1	5,092.1	9/30/2011	VOC_Vapor_Total	190.00	ppmv
KAFB-106123-350	1,542,010.6	1,472,850.2	5,344.1	337.0	353.0	5,007.1	4,991.1	9/30/2011	VOC_Vapor_Total	150.00	ppmv
KAFB-106123-450	1,542,010.5	1,472,850.6	5,344.1	429.0	442.0	4,915.1	4,902.1	9/30/2011	VOC_Vapor_Total	45.00	ppmv
KAFB-106124-025	1,542,370.4	1,472,802.6	5,345.6	12.0	27.0	5,333.6	5,318.6	9/30/2011	VOC_Vapor_Total	77.00	ppmv
KAFB-106124-050	1,542,370.1	1,472,802.6	5,345.6	37.0	52.0	5,308.6	5,293.6	9/30/2011	VOC_Vapor_Total	49.00	ppmv
KAFB-106124-150	1,542,370.0	1,472,802.3	5,345.6	137.0	152.0	5,208.6	5,193.6	9/30/2011	VOC_Vapor_Total	360.00	ppmv
KAFB-106124-250	1,542,370.2	1,472,802.1	5,345.6	237.0	252.0	5,108.6	5,093.6	9/30/2011	VOC_Vapor_Total	8.80	ppmv
KAFB-106124-350	1,542,370.5	1,472,802.3	5,345.6	335.0	352.0	5,010.6	4,993.6	9/30/2011	VOC_Vapor_Total	22.00	ppmv
KAFB-106124-450	1,542,370.2	1,472,802.5	5,345.6	436.0	458.0	4,909.6	4,887.6	9/30/2011	VOC_Vapor_Total	2,700.00	ppmv
KAFB-106125-025	1,542,445.0	1,472,869.7	5,345.6	2.0	27.0	5,343.6	5,318.6	9/30/2011	VOC_Vapor_Total	19.00	ppmv
KAFB-106125-050	1,542,444.7	1,472,869.7	5,345.6	37.0	53.0	5,308.6	5,292.6	9/30/2011	VOC_Vapor_Total	52.00	ppmv
KAFB-106125-150	1,542,444.6	1,472,869.5	5,345.6	136.0	152.0	5,209.6	5,193.6	9/30/2011	VOC_Vapor_Total	7.00	ppmv
KAFB-106125-250	1,542,444.8	1,472,869.3	5,345.6	236.0	252.0	5,109.6	5,093.6	9/30/2011	VOC_Vapor_Total	5.50	ppmv
KAFB-106125-350	1,542,445.0	1,472,869.3	5,345.6	337.0	351.0	5,008.6	4,994.6	9/30/2011	VOC_Vapor_Total	6.50	ppmv
KAFB-106125-450	1,542,444.8	1,472,869.6	5,345.6	436.0	457.0	4,909.6	4,888.6	9/30/2011	VOC_Vapor_Total	51.00	ppmv
KAFB-106126-025	1,542,500.0	1,472,796.2	5,345.8	12.0	27.0	5,333.8	5,318.8	9/30/2011	VOC_Vapor_Total	180.00	ppmv
KAFB-106126-050	1,542,500.0	1,472,796.5	5,345.8	37.0	52.0	5,308.8	5,293.8	9/30/2011	VOC_Vapor_Total	96.00	ppmv
KAFB-106126-150	1,542,499.7	1,472,796.6	5,345.8	137.0	152.0	5,208.8	5,193.8	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106126-250	1,542,499.5	1,472,796.3	5,345.8	237.0	252.0	5,108.8	5,093.8	9/30/2011	VOC_Vapor_Total	120.00	ppmv
KAFB-106126-350	1,542,499.7	1,472,796.0	5,345.8	336.0	353.0	5,009.8	4,992.8	9/30/2011	VOC_Vapor_Total	340.00	ppmv
KAFB-106126-450	1,542,499.7	1,472,796.4	5,345.8	437.0	458.0	4,908.8	4,887.8	9/30/2011	VOC_Vapor_Total	2,400.00	ppmv
KAFB-106127-025	1,542,437.0	1,472,747.1	5,345.9	12.0	27.0	5,333.9	5,318.9	9/30/2011	VOC_Vapor_Total	83.00	ppmv
KAFB-106127-050	1,542,436.8	1,472,747.2	5,345.9	37.0	53.0	5,308.9	5,292.9	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106127-150	1,542,436.5	1,472,747.0	5,345.9	137.0	153.0	5,208.9	5,192.9	9/30/2011	VOC_Vapor_Total	140.00	ppmv
KAFB-106127-250	1,542,436.7	1,472,746.7	5,345.9	235.0	253.0	5,110.9	5,092.9	9/30/2011	VOC_Vapor_Total	180.00	ppmv
KAFB-106127-350	1,542,437.0	1,472,746.7	5,345.9	337.0	352.0	5,008.9	4,993.9	9/30/2011	VOC_Vapor_Total	1,300.00	ppmv
KAFB-106127-450	1,542,436.8	1,472,747.1	5,345.9	437.0	458.0	4,908.9	4,887.9	9/30/2011	VOC_Vapor_Total	3,300.00	ppmv
KAFB-106128-025	1,541,619.6	1,473,223.2	5,343.8	15.0	26.0	5,328.8	5,317.8	9/30/2011	VOC_Vapor_Total	220.00	ppmv
KAFB-106128-150	1,541,619.7	1,473,222.8	5,343.8	139.0	152.0	5,204.8	5,191.8	9/30/2011	VOC_Vapor_Total	4,100.00	ppmv
KAFB-106128-250	1,541,620.0	1,473,222.9	5,343.8	236.0	251.0	5,107.8	5,092.8	9/30/2011	VOC_Vapor_Total	1,500.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106128-350	1,541,619.9	1,473,223.3	5,343.8	338.0	351.0	5,005.8	4,992.8	9/30/2011	VOC_Vapor_Total	2,000.00	ppmv
KAFB-106128-450	1,541,619.7	1,473,223.1	5,343.8	437.0	458.0	4,906.8	4,885.8	9/30/2011	VOC_Vapor_Total	12,000.00	ppmv
KAFB-106129-025	1,542,130.5	1,473,260.8	5,348.5	13.0	26.0	5,335.5	5,322.5	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106129-050	1,542,130.8	1,473,260.6	5,348.5	38.0	51.0	5,310.5	5,297.5	9/30/2011	VOC_Vapor_Total	86.00	ppmv
KAFB-106129-150	1,542,131.0	1,473,260.9	5,348.5	137.0	151.0	5,211.5	5,197.5	9/30/2011	VOC_Vapor_Total	94.00	ppmv
KAFB-106129-250	1,542,130.9	1,473,261.1	5,348.5	238.0	251.0	5,110.5	5,097.5	9/30/2011	VOC_Vapor_Total	96.00	ppmv
KAFB-106129-350	1,542,130.6	1,473,261.1	5,348.5	335.0	348.0	5,013.5	5,000.5	9/30/2011	VOC_Vapor_Total	2,600.00	ppmv
KAFB-106129-450	1,542,130.8	1,473,261.4	5,348.5	437.0	460.0	4,911.5	4,888.5	9/30/2011	VOC_Vapor_Total	2,900.00	ppmv
KAFB-106130-025	1,542,130.9	1,473,565.7	5,349.1	12.0	26.0	5,337.1	5,323.1	9/30/2011	VOC_Vapor_Total	67.00	ppmv
KAFB-106130-050	1,542,131.1	1,473,565.5	5,349.1	38.0	53.0	5,311.1	5,296.1	9/30/2011	VOC_Vapor_Total	1,100.00	ppmv
KAFB-106130-150	1,542,131.4	1,473,565.6	5,349.1	147.0	162.0	5,202.1	5,187.1	9/30/2011	VOC_Vapor_Total	140.00	ppmv
KAFB-106130-250	1,542,131.3	1,473,565.9	5,349.1	238.0	251.0	5,111.1	5,098.1	9/30/2011	VOC_Vapor_Total	130.00	ppmv
KAFB-106130-350	1,542,131.1	1,473,566.0	5,349.1	338.0	352.0	5,011.1	4,997.1	9/30/2011	VOC_Vapor_Total	1,900.00	ppmv
KAFB-106130-450	1,542,131.3	1,473,566.3	5,349.1	438.0	455.0	4,911.1	4,894.1	9/30/2011	VOC_Vapor_Total	4,700.00	ppmv
KAFB-106131-025	1,541,690.4	1,472,926.9	5,344.5	13.0	26.0	5,331.5	5,318.5	9/30/2011	VOC_Vapor_Total	2.70	ppmv
KAFB-106131-055	1,541,690.6	1,472,926.7	5,344.5	43.0	56.0	5,301.5	5,288.5	9/30/2011	VOC_Vapor_Total	2.50	ppmv
KAFB-106131-150	1,541,690.5	1,472,927.2	5,344.5	138.0	151.0	5,206.5	5,193.5	9/30/2011	VOC_Vapor_Total	2.20	ppmv
KAFB-106131-245	1,541,690.9	1,472,926.9	5,344.5	233.0	246.0	5,111.5	5,098.5	9/30/2011	VOC_Vapor_Total	73.00	ppmv
KAFB-106131-350	1,541,690.8	1,472,927.2	5,344.5	338.0	351.0	5,006.5	4,993.5	9/30/2011	VOC_Vapor_Total	570.00	ppmv
KAFB-106131-450	1,541,690.6	1,472,927.6	5,344.5	428.0	450.0	4,916.5	4,894.5	9/30/2011	VOC_Vapor_Total	6,600.00	ppmv
KAFB-106132-025	1,542,804.3	1,473,591.3	5,353.0	13.0	27.0	5,340.0	5,326.0	9/30/2011	VOC_Vapor_Total	1.10	ppmv
KAFB-106132-050	1,542,803.8	1,473,591.4	5,353.0	38.0	51.0	5,315.0	5,302.0	9/30/2011	VOC_Vapor_Total	0.87	ppmv
KAFB-106132-175	1,542,804.1	1,473,591.1	5,353.0	163.0	182.0	5,190.0	5,171.0	9/30/2011	VOC_Vapor_Total	3.00	ppmv
KAFB-106132-250	1,542,803.8	1,473,591.1	5,353.0	238.0	252.0	5,115.0	5,101.0	9/30/2011	VOC_Vapor_Total	2.70	ppmv
KAFB-106132-350	1,542,804.1	1,473,591.5	5,353.0	338.0	352.0	5,015.0	5,001.0	9/30/2011	VOC_Vapor_Total	13.00	ppmv
KAFB-106132-450	1,542,804.1	1,473,591.7	5,353.0	437.0	460.0	4,916.0	4,893.0	9/30/2011	VOC_Vapor_Total	4.80	ppmv
KAFB-106133-025	1,542,416.1	1,473,501.6	5,352.0	13.0	26.0	5,339.0	5,326.0	9/30/2011	VOC_Vapor_Total	50.00	ppmv
KAFB-106133-050	1,542,416.0	1,473,501.9	5,352.0	38.0	52.0	5,314.0	5,300.0	9/30/2011	VOC_Vapor_Total	45.00	ppmv
KAFB-106133-170	1,542,416.3	1,473,502.1	5,352.0	158.0	172.0	5,194.0	5,180.0	9/30/2011	VOC_Vapor_Total	28.00	ppmv
KAFB-106133-250	1,542,416.5	1,473,501.9	5,352.0	238.0	252.0	5,114.0	5,100.0	9/30/2011	VOC_Vapor_Total	19.00	ppmv
KAFB-106133-350	1,542,416.5	1,473,501.6	5,352.0	338.0	352.0	5,014.0	5,000.0	9/30/2011	VOC_Vapor_Total	380.00	ppmv
KAFB-106133-450	1,542,416.3	1,473,502.4	5,352.0	438.0	460.0	4,914.0	4,892.0	9/30/2011	VOC_Vapor_Total	7.30	ppmv
KAFB-106134-025	1,542,371.3	1,473,809.9	5,347.8	13.0	26.0	5,334.8	5,321.8	9/30/2011	VOC_Vapor_Total	96.00	ppmv
KAFB-106134-050	1,542,371.0	1,473,809.9	5,347.8	38.0	52.0	5,309.8	5,295.8	9/30/2011	VOC_Vapor_Total	140.00	ppmv
KAFB-106134-170	1,542,371.4	1,473,810.2	5,347.8	158.0	171.0	5,189.8	5,176.8	9/30/2011	VOC_Vapor_Total	21.00	ppmv
KAFB-106134-250	1,542,371.2	1,473,810.4	5,347.8	238.0	251.0	5,109.8	5,096.8	9/30/2011	VOC_Vapor_Total	120.00	ppmv
KAFB-106134-350	1,542,370.9	1,473,810.2	5,347.8	338.0	351.0	5,009.8	4,996.8	9/30/2011	VOC_Vapor_Total	320.00	ppmv
KAFB-106134-450	1,542,371.2	1,473,810.7	5,347.8	438.0	460.0	4,909.8	4,887.8	9/30/2011	VOC_Vapor_Total	780.00	ppmv
KAFB-106135-025	1,542,905.1	1,474,068.9	5,351.1	13.0	27.0	5,338.1	5,324.1	9/30/2011	VOC_Vapor_Total	22.00	ppmv
KAFB-106135-050	1,542,905.3	1,474,068.7	5,351.1	37.0	52.0	5,314.1	5,299.1	9/30/2011	VOC_Vapor_Total	14.00	ppmv
KAFB-106135-150	1,542,905.1	1,474,068.4	5,351.1	138.0	152.0	5,213.1	5,199.1	9/30/2011	VOC_Vapor_Total	2.90	ppmv
KAFB-106135-250	1,542,904.8	1,474,068.5	5,351.1	238.0	252.0	5,113.1	5,099.1	9/30/2011	VOC_Vapor_Total	6.90	ppmv
KAFB-106135-350	1,542,904.8	1,474,068.8	5,351.1	338.0	352.0	5,013.1	4,999.1	9/30/2011	VOC_Vapor_Total	100.00	ppmv
KAFB-106135-450	1,542,905.0	1,474,068.8	5,351.1	437.0	460.0	4,914.1	4,891.1	9/30/2011	VOC_Vapor_Total	390.00	ppmv
KAFB-106136-025	1,543,098.9	1,474,675.7	5,351.7	13.0	27.0	5,338.7	5,324.7	9/30/2011	VOC_Vapor_Total	8.90	ppmv
KAFB-106136-050	1,543,098.9	1,474,676.0	5,351.7	38.0	52.0	5,313.7	5,299.7	9/30/2011	VOC_Vapor_Total	5.60	ppmv
KAFB-106136-150	1,543,098.6	1,474,676.0	5,351.7	137.0	152.0	5,214.7	5,199.7	9/30/2011	VOC_Vapor_Total	6.80	ppmv
KAFB-106136-250	1,543,098.4	1,474,675.8	5,351.7	236.0	253.0	5,115.7	5,098.7	9/30/2011	VOC_Vapor_Total	5.60	ppmv
KAFB-106136-350	1,543,098.7	1,474,675.5	5,351.7	337.0	352.0	5,014.7	4,999.7	9/30/2011	VOC_Vapor_Total	49.00	ppmv
KAFB-106136-450	1,543,098.7	1,474,675.9	5,351.7	437.0	457.0	4,914.7	4,894.7	9/30/2011	VOC_Vapor_Total	6.20	ppmv
KAFB-106137-025	1,542,321.6	1,474,077.4	5,347.3	13.0	26.0	5,334.3	5,321.3	9/30/2011	VOC_Vapor_Total	11.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
KAFB-106137-050	1,542,321.4	1,474,077.5	5,347.3	38.0	52.0	5,309.3	5,295.3	9/30/2011	VOC_Vapor_Total	11.00	ppmv
KAFB-106137-150	1,542,321.1	1,474,077.4	5,347.3	138.0	152.0	5,209.3	5,195.3	9/30/2011	VOC_Vapor_Total	5.30	ppmv
KAFB-106137-250	1,542,321.3	1,474,077.1	5,347.3	238.0	251.0	5,109.3	5,096.3	9/30/2011	VOC_Vapor_Total	5.00	ppmv
KAFB-106137-350	1,542,321.6	1,474,077.1	5,347.3	338.0	351.0	5,009.3	4,996.3	9/30/2011	VOC_Vapor_Total	49.00	ppmv
KAFB-106137-450	1,542,321.5	1,474,079.4	5,347.3	438.0	460.0	4,909.3	4,887.3	9/30/2011	VOC_Vapor_Total	400.00	ppmv
KAFB-106138-025	1,541,536.7	1,475,005.7	5,347.4	12.0	26.0	5,335.4	5,321.4	9/30/2011	VOC_Vapor_Total	6.10	ppmv
KAFB-106138-050	1,541,536.4	1,475,005.6	5,347.4	37.0	52.0	5,310.4	5,295.4	9/30/2011	VOC_Vapor_Total	14.00	ppmv
KAFB-106138-150	1,541,536.4	1,475,005.3	5,347.4	138.0	152.0	5,209.4	5,195.4	9/30/2011	VOC_Vapor_Total	54.00	ppmv
KAFB-106138-250	1,541,536.7	1,475,005.2	5,347.4	238.0	251.0	5,109.4	5,096.4	9/30/2011	VOC_Vapor_Total	54.00	ppmv
KAFB-106138-350	1,541,536.9	1,475,005.4	5,347.4	338.0	351.0	5,009.4	4,996.4	9/30/2011	VOC_Vapor_Total	12.00	ppmv
KAFB-106138-450	1,541,536.6	1,475,005.5	5,347.4	438.0	460.0	4,909.4	4,887.4	9/30/2011	VOC_Vapor_Total	110.00	ppmv
KAFB-106139-025	1,541,248.3	1,474,049.9	5,341.3	13.0	26.0	5,328.3	5,315.3	9/30/2011	VOC_Vapor_Total	4.70	ppmv
KAFB-106139-050	1,541,248.5	1,474,049.4	5,341.3	38.0	51.0	5,303.3	5,290.3	9/30/2011	VOC_Vapor_Total	5.90	ppmv
KAFB-106139-150	1,541,248.3	1,474,049.3	5,341.3	137.0	152.0	5,204.3	5,189.3	9/30/2011	VOC_Vapor_Total	4.70	ppmv
KAFB-106139-250	1,541,248.1	1,474,049.6	5,341.3	236.0	252.0	5,105.3	5,089.3	9/30/2011	VOC_Vapor_Total	5.20	ppmv
KAFB-106139-350	1,541,248.6	1,474,049.7	5,341.3	338.0	353.0	5,003.3	4,988.3	9/30/2011	VOC_Vapor_Total	4.60	ppmv
KAFB-106139-450	1,541,248.5	1,474,050.1	5,341.3	438.0	460.0	4,903.3	4,881.3	9/30/2011	VOC_Vapor_Total	1.70	ppmv
KAFB-106140-025	1,542,236.6	1,472,632.5	5,345.3	13.0	26.0	5,332.3	5,319.3	9/30/2011	VOC_Vapor_Total	16.00	ppmv
KAFB-106140-050	1,542,237.0	1,472,632.4	5,345.3	38.0	51.0	5,307.3	5,294.3	9/30/2011	VOC_Vapor_Total	86.00	ppmv
KAFB-106140-150	1,542,236.7	1,472,632.9	5,345.3	138.0	153.0	5,207.3	5,192.3	9/30/2011	VOC_Vapor_Total	6.30	ppmv
KAFB-106140-250	1,542,237.0	1,472,632.9	5,345.3	237.0	256.0	5,108.3	5,089.3	9/30/2011	VOC_Vapor_Total	6.10	ppmv
KAFB-106140-350	1,542,237.2	1,472,632.7	5,345.3	338.0	352.0	5,007.3	4,993.3	9/30/2011	VOC_Vapor_Total	1,700.00	ppmv
KAFB-106140-450	1,542,236.9	1,472,632.8	5,345.3	437.0	458.0	4,908.3	4,887.3	9/30/2011	VOC_Vapor_Total	5,200.00	ppmv
KAFB-106141-025	1,542,470.9	1,475,343.4	5,334.4	12.0	27.0	5,322.4	5,307.4	9/30/2011	VOC_Vapor_Total	3.00	ppmv
KAFB-106141-050	1,542,471.0	1,475,343.7	5,334.4	47.0	60.0	5,287.4	5,274.4	9/30/2011	VOC_Vapor_Total	2.80	ppmv
KAFB-106141-170	1,542,470.8	1,475,343.9	5,334.4	158.0	173.0	5,176.4	5,161.4	9/30/2011	VOC_Vapor_Total	2.20	ppmv
KAFB-106141-250	1,542,470.6	1,475,343.8	5,334.4	237.0	253.0	5,097.4	5,081.4	9/30/2011	VOC_Vapor_Total	1.80	ppmv
KAFB-106141-350	1,542,470.6	1,475,343.5	5,334.4	336.0	353.0	4,998.4	4,981.4	9/30/2011	VOC_Vapor_Total	4.80	ppmv
KAFB-106141-450	1,542,470.8	1,475,343.8	5,334.4	437.0	458.0	4,897.4	4,876.4	9/30/2011	VOC_Vapor_Total	13.00	ppmv
KAFB-106142-030	1,542,455.7	1,474,944.0	5,349.2	17.0	31.0	5,332.2	5,318.2	9/30/2011	VOC_Vapor_Total	11.00	ppmv
KAFB-106142-050	1,542,455.4	1,474,944.2	5,349.2	37.0	52.0	5,312.2	5,297.2	9/30/2011	VOC_Vapor_Total	11.00	ppmv
KAFB-106142-170	1,542,455.2	1,474,943.9	5,349.2	157.0	173.0	5,192.2	5,176.2	9/30/2011	VOC_Vapor_Total	7.90	ppmv
KAFB-106142-250	1,542,455.4	1,474,943.7	5,349.2	237.0	252.0	5,112.2	5,097.2	9/30/2011	VOC_Vapor_Total	6.30	ppmv
KAFB-106142-350	1,542,455.7	1,474,943.7	5,349.2	338.0	357.0	5,011.2	4,992.2	9/30/2011	VOC_Vapor_Total	7.10	ppmv
KAFB-106142-450	1,542,455.5	1,474,944.0	5,349.2	437.0	460.0	4,912.2	4,889.2	9/30/2011	VOC_Vapor_Total	200.00	ppmv
KAFB1065-IN	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	3,400.00	ppmv
KAFB1065-POSTC1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	120.00	ppmv
KAFB1065-POSTC2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	18.00	ppmv
KAFB1066-IN	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	11,000.00	ppmv
KAFB1066-POSTC1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	370.00	ppmv
KAFB1066-POSTC2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	200.00	ppmv
KAFB1068-IN	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	2,600.00	ppmv
KAFB1068-POSTC1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	300.00	ppmv
KAFB1068-POSTC2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	110.00	ppmv
ST106-IN	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	810.00	ppmv
ST106-POSTC1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	2.30	ppmv
ST106-POSTC2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	9/30/2011	VOC_Vapor_Total	66.00	ppmv
SVEW-01-260	1,541,421.4	1,473,522.6	5,343.3	240.0	265.0	5,103.3	5,078.3	9/30/2011	VOC_Vapor_Total	8,600.00	ppmv
SVEW-02-060	1,541,431.0	1,473,524.9	5,343.4	40.0	60.0	5,303.4	5,283.4	9/30/2011	VOC_Vapor_Total	9,700.00	ppmv
SVEW-03-160	1,541,431.1	1,473,523.8	5,343.4	139.0	160.0	5,204.4	5,183.4	9/30/2011	VOC_Vapor_Total	9,100.00	ppmv
SVEW-04-313	1,541,409.4	1,473,525.0	5,343.4	293.0	313.0	5,050.4	5,030.4	9/30/2011	VOC_Vapor_Total	3,900.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
SVEW-05-460	1,541,410.3	1,473,525.1	5,343.4	440.0	460.0	4,903.4	4,883.4	9/30/2011	VOC_Vapor_Total	6,000.00	ppmv
SVEW-06-060	1,541,234.4	1,473,527.2	5,343.4	40.0	60.0	5,303.4	5,283.4	9/30/2011	VOC_Vapor_Total	540.00	ppmv
SVEW-07-160	1,541,235.1	1,473,527.2	5,343.4	139.0	160.0	5,204.4	5,183.4	9/30/2011	VOC_Vapor_Total	3,400.00	ppmv
SVEW-08-260	1,541,226.5	1,473,525.9	5,343.4	240.0	260.0	5,103.4	5,083.4	9/30/2011	VOC_Vapor_Total	3,900.00	ppmv
SVEW-09-460	1,541,226.9	1,473,525.5	5,343.4	430.0	457.0	4,913.4	4,886.4	9/30/2011	VOC_Vapor_Total	2,100.00	ppmv
SVEW-10-410	1,540,843.9	1,473,728.9	5,340.2	395.0	410.0	4,945.2	4,930.2	9/30/2011	VOC_Vapor_Total	50.00	ppmv
SVEW-11-410	1,541,992.0	1,473,669.5	5,347.6	395.0	410.0	4,952.6	4,937.6	9/30/2011	VOC_Vapor_Total	160.00	ppmv
SVEW-12-410	1,540,964.2	1,473,119.6	5,338.9	395.0	410.0	4,943.9	4,928.9	9/30/2011	VOC_Vapor_Total	210.00	ppmv
SVEW-13-410	1,541,979.9	1,473,408.1	5,347.0	395.0	410.0	4,952.0	4,937.0	9/30/2011	VOC_Vapor_Total	16,000.00	ppmv
SVMW-01-050	1,541,090.1	1,473,534.4	5,343.1	41.3	61.3	5,301.8	5,281.8	9/30/2011	VOC_Vapor_Total	150.00	ppmv
SVMW-01-100	1,541,090.4	1,473,534.8	5,343.1	91.3	111.3	5,251.8	5,231.8	9/30/2011	VOC_Vapor_Total	6,100.00	ppmv
SVMW-01-250	1,541,090.4	1,473,534.4	5,343.1	242.0	262.0	5,101.1	5,081.1	9/30/2011	VOC_Vapor_Total	210.00	ppmv
SVMW-01-300	1,541,090.1	1,473,534.9	5,343.1	299.3	319.3	5,043.8	5,023.8	9/30/2011	VOC_Vapor_Total	500.00	ppmv
SVMW-02-050	1,541,412.0	1,473,655.9	5,341.5	41.3	61.3	5,300.3	5,280.3	9/30/2011	VOC_Vapor_Total	3,300.00	ppmv
SVMW-02-100	1,541,412.1	1,473,655.7	5,341.5	88.3	108.3	5,253.3	5,233.3	9/30/2011	VOC_Vapor_Total	11,000.00	ppmv
SVMW-02-150	1,541,412.2	1,473,656.0	5,341.5	141.3	161.3	5,200.3	5,180.3	9/30/2011	VOC_Vapor_Total	3,500.00	ppmv
SVMW-03-050	1,541,518.4	1,473,497.4	5,343.6	41.3	61.3	5,302.3	5,282.3	9/30/2011	VOC_Vapor_Total	130.00	ppmv
SVMW-03-100	1,541,518.5	1,473,497.7	5,343.6	91.3	111.3	5,252.3	5,232.3	9/30/2011	VOC_Vapor_Total	18,000.00	ppmv
SVMW-03-250	1,541,518.7	1,473,497.5	5,343.6	241.3	261.3	5,102.3	5,082.3	9/30/2011	VOC_Vapor_Total	3,100.00	ppmv
SVMW-03-300	1,541,518.6	1,473,497.2	5,343.6	291.3	311.3	5,052.3	5,032.3	9/30/2011	VOC_Vapor_Total	490.00	ppmv
SVMW-04-050	1,541,274.9	1,473,448.5	5,341.3	41.3	61.3	5,300.0	5,280.0	9/30/2011	VOC_Vapor_Total	1,200.00	ppmv
SVMW-04-100	1,541,274.5	1,473,448.6	5,341.3	89.3	109.3	5,252.0	5,232.0	9/30/2011	VOC_Vapor_Total	11,000.00	ppmv
SVMW-04-250	1,541,274.5	1,473,448.4	5,341.3	241.3	261.3	5,100.0	5,080.0	9/30/2011	VOC_Vapor_Total	760.00	ppmv
SVMW-04-300	1,541,274.7	1,473,448.1	5,341.3	288.8	308.8	5,052.5	5,032.5	9/30/2011	VOC_Vapor_Total	210.00	ppmv
SVMW-05-050	1,541,016.0	1,473,498.3	5,342.9	41.3	61.3	5,301.6	5,281.6	9/30/2011	VOC_Vapor_Total	110.00	ppmv
SVMW-05-100	1,541,015.7	1,473,498.6	5,342.9	91.3	111.3	5,251.6	5,231.6	9/30/2011	VOC_Vapor_Total	250.00	ppmv
SVMW-05-230	1,541,016.2	1,473,498.7	5,342.9	220.0	240.0	5,122.9	5,102.9	9/30/2011	VOC_Vapor_Total	77.00	ppmv
SVMW-05-290	1,541,015.9	1,473,498.8	5,342.9	278.5	298.5	5,064.4	5,044.4	9/30/2011	VOC_Vapor_Total	140.00	ppmv
SVMW-06-050	1,541,802.5	1,473,507.4	5,346.2	41.3	61.3	5,305.0	5,285.0	9/30/2011	VOC_Vapor_Total	450.00	ppmv
SVMW-06-100	1,541,803.0	1,473,507.3	5,346.2	90.5	110.5	5,255.7	5,235.7	9/30/2011	VOC_Vapor_Total	65.00	ppmv
SVMW-06-252	1,541,802.7	1,473,507.7	5,346.2	243.3	263.3	5,103.0	5,083.0	9/30/2011	VOC_Vapor_Total	3,800.00	ppmv
SVMW-06-302	1,541,802.6	1,473,507.1	5,346.2	293.5	313.5	5,052.7	5,032.7	9/30/2011	VOC_Vapor_Total	2,900.00	ppmv
SVMW-07-050	1,541,493.3	1,473,791.1	5,342.4	40.8	60.8	5,301.7	5,281.7	9/30/2011	VOC_Vapor_Total	80.00	ppmv
SVMW-07-100	1,541,493.0	1,473,791.2	5,342.4	86.8	106.8	5,255.7	5,235.7	9/30/2011	VOC_Vapor_Total	1,600.00	ppmv
SVMW-07-150	1,541,493.2	1,473,791.4	5,342.4	138.3	158.3	5,204.2	5,184.2	9/30/2011	VOC_Vapor_Total	81.00	ppmv
SVMW-08-050	1,541,274.7	1,473,555.1	5,342.8	41.3	61.3	5,301.5	5,281.5	9/30/2011	VOC_Vapor_Total	8,800.00	ppmv
SVMW-08-100	1,541,274.7	1,473,555.3	5,342.8	90.0	110.0	5,252.8	5,232.8	9/30/2011	VOC_Vapor_Total	400.00	ppmv
SVMW-08-250	1,541,274.8	1,473,555.0	5,342.8	241.3	261.3	5,101.5	5,081.5	9/30/2011	VOC_Vapor_Total	370.00	ppmv
SVMW-09-050	1,541,322.7	1,473,544.3	5,343.0	41.3	61.3	5,301.7	5,281.7	9/30/2011	VOC_Vapor_Total	2,600.00	ppmv
SVMW-09-100	1,541,322.6	1,473,544.2	5,343.0	91.3	111.3	5,251.7	5,231.7	9/30/2011	VOC_Vapor_Total	15,000.00	ppmv
SVMW-09-250	1,541,322.4	1,473,544.5	5,343.0	241.3	261.3	5,101.7	5,081.7	9/30/2011	VOC_Vapor_Total	1,100.00	ppmv
SVMW-09-266	1,541,322.2	1,473,544.4	5,343.0	257.3	277.3	5,085.7	5,065.7	9/30/2011	VOC_Vapor_Total	3,800.00	ppmv
SVMW-10-050	1,541,371.1	1,473,534.1	5,343.1	41.3	61.3	5,301.9	5,281.9	9/30/2011	VOC_Vapor_Total	32,000.00	ppmv
SVMW-10-100	1,541,371.1	1,473,534.6	5,343.1	91.3	111.3	5,251.9	5,231.9	9/30/2011	VOC_Vapor_Total	45,000.00	ppmv
SVMW-10-150	1,541,371.4	1,473,534.3	5,343.1	141.3	161.3	5,201.9	5,181.9	9/30/2011	VOC_Vapor_Total	5,300.00	ppmv
SVMW-10-250	1,541,371.0	1,473,534.2	5,343.1	241.3	261.3	5,101.9	5,081.9	9/30/2011	VOC_Vapor_Total	2,400.00	ppmv
SVMW-11-050	1,541,411.7	1,473,473.5	5,343.1	41.3	61.3	5,301.9	5,281.9	9/30/2011	VOC_Vapor_Total	7,700.00	ppmv
SVMW-11-100	1,541,411.9	1,473,473.8	5,343.1	91.3	111.3	5,251.9	5,231.9	9/30/2011	VOC_Vapor_Total	24,000.00	ppmv
SVMW-11-250	1,541,411.4	1,473,473.9	5,343.1	241.3	261.3	5,101.9	5,081.9	9/30/2011	VOC_Vapor_Total	14,000.00	ppmv
SVMW-11-260	1,541,411.5	1,473,474.1	5,343.1	251.3	271.3	5,091.9	5,071.9	9/30/2011	VOC_Vapor_Total	7,200.00	ppmv
SVMW-12-150	1,540,843.9	1,473,728.5	5,340.2	141.3	161.3	5,198.9	5,178.9	9/30/2011	VOC_Vapor_Total	29.00	ppmv

Table 4-5. Summary of Analytical Vapor Results Used in 3D Extent Evaluation

UNIQUE_DB_ID	X	Y	Ground Elevation	Depth_Top_Sand	Depth_Bott_Sand	Elev_Top_Sand	Elev_Bott_Sand	Date	Parameter	Result	UNITS
SVMW-12-250	1,540,844.2	1,473,728.6	5,340.2	241.3	261.3	5,098.9	5,078.9	9/30/2011	VOC_Vapor_Total	50.00	ppmv
SVMW-12-350	1,540,843.9	1,473,729.0	5,340.2	341.3	361.3	4,998.9	4,978.9	9/30/2011	VOC_Vapor_Total	71.00	ppmv
SVMW-12-450	1,540,843.6	1,473,728.8	5,340.2	441.3	461.3	4,898.9	4,878.9	9/30/2011	VOC_Vapor_Total	62.00	ppmv
SVMW-13-150	1,541,991.8	1,473,669.7	5,347.6	141.3	161.3	5,206.3	5,186.3	9/30/2011	VOC_Vapor_Total	1,200.00	ppmv
SVMW-13-250	1,541,991.5	1,473,669.7	5,347.6	241.3	261.3	5,106.3	5,086.3	9/30/2011	VOC_Vapor_Total	110.00	ppmv
SVMW-13-350	1,541,991.6	1,473,669.5	5,347.6	341.3	361.3	5,006.3	4,986.3	9/30/2011	VOC_Vapor_Total	90.00	ppmv
SVMW-13-450	1,541,991.7	1,473,669.2	5,347.6	441.3	461.3	4,906.3	4,886.3	9/30/2011	VOC_Vapor_Total	1,300.00	ppmv
SVMW-14-150	1,540,964.0	1,473,119.4	5,338.9	141.3	161.3	5,197.6	5,177.6	9/30/2011	VOC_Vapor_Total	15.00	ppmv
SVMW-14-250	1,540,963.7	1,473,119.5	5,338.9	241.3	261.3	5,097.6	5,077.6	9/30/2011	VOC_Vapor_Total	16.00	ppmv
SVMW-14-350	1,540,963.7	1,473,119.2	5,338.9	341.3	361.3	4,997.6	4,977.6	9/30/2011	VOC_Vapor_Total	19.00	ppmv
SVMW-14-450	1,540,964.2	1,473,119.2	5,338.9	441.3	461.3	4,897.6	4,877.6	9/30/2011	VOC_Vapor_Total	150.00	ppmv
SVMW-15-150	1,541,979.8	1,473,407.9	5,347.0	141.3	161.3	5,205.7	5,185.7	9/30/2011	VOC_Vapor_Total	81.00	ppmv
SVMW-15-250	1,541,980.3	1,473,408.0	5,347.0	241.3	261.3	5,105.7	5,085.7	9/30/2011	VOC_Vapor_Total	160.00	ppmv
SVMW-15-350	1,541,980.0	1,473,407.7	5,347.0	341.3	361.3	5,005.7	4,985.7	9/30/2011	VOC_Vapor_Total	14,000.00	ppmv
SVMW-15-450	1,541,980.0	1,473,408.2	5,347.0	441.3	461.3	4,905.7	4,885.7	9/30/2011	VOC_Vapor_Total	4,300.00	ppmv

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

Location ID	Top of Screen Elevation (ft)	Groundwater Elevation (ft)	Difference (ft)
KAFB-1061	4858.76	4856.07	2.69
KAFB-1062	4860.75	4856.17	4.58
KAFB-1063	4861.07	4856.49	4.58
KAFB-1064	4859.01	4855.94	3.07
KAFB-1065	4864.995	4856.00	8.99
KAFB-1066	4865.215	4855.69	9.53
KAFB-1067	4860.15	4856.51	3.64
KAFB-1068	4862.9	4855.64	7.26
KAFB-1069	4864.79	4855.58	9.21
KAFB-10610	4860.33	4855.07	5.26
KAFB-10611	4864.03	4855.79	8.24
KAFB-10612	4861.73	4855.12	6.61
KAFB-10613	4861.11	4855.35	5.76
KAFB-10614	4861.33	4855.76	5.57
KAFB-10615	4854.63	4852.15	2.48
KAFB-10616	4864.23	4856.96	7.27
KAFB-10617	4857.16	4854.38	2.78
KAFB-10618	4857.005	4854.65	2.36
KAFB-10619	4858.875	4854.77	4.10
KAFB-10620	4859.09	4854.98	4.11
KAFB-10621	4856.4	4854.25	2.15
KAFB-10622	4856.02	4853.42	2.60
KAFB-10623	4855.9	4854.15	1.75
KAFB-10624	4862.26	4856.35	5.91
KAFB-10625	4852.3	4853.13	-0.83
KAFB-10626	4856.67	4851.47	5.20
KAFB-10627	4864.4	4857.40	7.00
KAFB-10628-510	4860.86	4855.60	5.26
KAFB-106029	4860.915	4853.58	7.34
KAFB-106032	4861.53	4854.55	6.98
KAFB-106035	4869.46	4853.59	15.87
KAFB-106042	4855.08	4852.29	2.79
KAFB-106046	4862.83	4856.01	6.82
KAFB-106049	4859.11	4852.93	6.18
KAFB-106052	4868.93	4852.79	16.14
KAFB-106055	4859.14	4852.75	6.39
KAFB-106059	4861.67	4855.11	6.56
KAFB-106064	4862.9	4855.69	7.21
KAFB-106067	4862.56	4855.23	7.33
KAFB-106070	4858.455	4852.50	5.95
KAFB-106075	4860.51	4855.53	4.98
KAFB-106076	4864.82	4854.97	9.85
KAFB-106079	4861.64	4855.63	6.01
KAFB-106082	4862.79	4854.52	8.27
KAFB-106085	4870.29	4854.48	15.81
KAFB-106088	4864.265	4855.05	9.22
KAFB-106091	4860.275	4853.52	6.75
KAFB-106094	4861.14	4855.5	5.64
KAFB-106106	4867.87	4852.21	15.66
KAFB-3411	4863.35	4856.5	6.85

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-3			KAFB-15			KAFB-16			KAFB-1061			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1065			KAFB-1065		
			SAMPLE NO		GW0118			GW0122			GW0125			GW0132			GW0133			GW0240			GW0236			GW0134			GW0135		
			SAMPLE DATE		6-Jul-11			6-Jul-11			6-Jul-11			20-Jul-11			12-Sep-11			21-Jul-11			15-Jul-11			20-Sep-11			20-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		0-0 ft			0-0 ft			0-0 ft			483-505 ft			479-504 ft			476-501 ft			484-509 ft			479-506 ft			479-506 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	UJ	94.3	ND	UJ	94.3	ND	UJ	93.5	ND	U	100	ND	U	94.3	ND	U	94.3	ND	UJ	94.3	45400		1920	52000	J+	1890
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	UJ	150	ND	UJ	150	ND	UJ	150	94.9	J-	150	ND	U	150	ND	U	150	ND	U	150	61600		3000	43600		3000
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	100
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	270		50	272		50
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	100
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	ND	U	1	ND	U	1	ND	U	1	**0.579**		1	ND	U	1	ND	U	1	ND	U	1	**75.5**		50	**74.8**		50
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	ND	U	0.0279	ND	U	0.0279	ND	U	0.0279	**1.09**	J	0.0295	ND	U	0.0281	ND	U	0.0281	ND	U	0.0309	**61.8**	J+	2.85	**65.5**	J+	2.86
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,2-DICHLOROETHANE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	119		50	120		50
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	2-BUTANONE	N/A	N/A	N/A	ND	UJ	10	ND	UJ	10	ND	UJ	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	238	J-	500	238	J-	500
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	2-HEXANONE	N/A	N/A	N/A	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	200	J	250	222	J	250
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	250	ND	U	250
	ACETONE	N/A	N/A	N/A	ND	UJ	10	ND	UJ	10	ND	UJ	10	9.63		10	ND	U	10	ND	U	10	ND	U	10	651		500	695		500
	BENZENE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	0.892		1	ND	U	1	ND	U	1	ND	U	1	**1250**	J-	50	**1230**	J-	50
	BROMOBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	BROMOFORM	N/A	N/A	N/A	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	BROMOMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	UJ	2	ND	UJ	100	ND	UJ	100
	CARBON DISULFIDE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50			
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	CHLOROBENZENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	19	J	50	ND	U	50
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	100
	CHLOROFORM	100	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.449	J-	1	ND	U	1	ND	U	1	ND	UJ	50	ND	UJ	50
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	100
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	286		50	288		50
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	ISOPROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	31.9	J	50	33.6	J	50
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	1200		100	1190		100
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	50	ND	UJ	50
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	UJ	100	**34.4**	J-	100
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	24.9	J	50	28.9	J	50
	N-PROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	38.9	J	50	38.5	J	50
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	0.266		1	ND	U	1	ND	U	1	ND	U	1	521		50	523		50
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	15.1	J	50	15.6	J	50
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	18.1	J	50	19.8	J	50
	STYRENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	TETRACHLOROETHENE	N/A	N/A	5	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	TOLUENE	750	N/A	750	ND	U	1	ND	U	1	ND	U	1	0.529		1	ND	U	1	ND	U	1	ND	U	1	**4230**		50	**4190**		50
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50
	TRICHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.325	J	1	ND	U	50	ND	U	50
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	100
	VINYL CHLORIDE	1	N/A	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	50

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-3			KAFB-15			KAFB-16			KAFB-1061			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1065			KAFB-1065		
			SAMPLE NO		GW0118			GW0122			GW0125			GW0132			GW0133			GW0240			GW0236			GW0134			GW0135		
			SAMPLE DATE		6-Jul-11			6-Jul-11			6-Jul-11			20-Jul-11			12-Sep-11			21-Jul-11			15-Jul-11			20-Sep-11			20-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		0-0 ft			0-0 ft			0-0 ft			483-505 ft			479-504 ft			476-501 ft			484-509 ft			479-506 ft			479-506 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	38.2		24	43.9		23.6
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	172		96.2	171		94.3
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	46.3	ND	U	46.3	ND	U	46.7	ND	U	50	ND	U	48.1	ND	U	48.1	ND	U	46.7	ND	U	240	ND	U	236
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	261		24	265		23.6
	2-NITROANILINE	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	163		24	163		23.6
	3-NITROANILINE	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	4-NITROANILINE	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	ACETOPHENONE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	306		24	309		23.6
	ATRAZINE	N/A	N/A	N/A	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	UJ	4.67	ND	U	24	ND	U	23.6
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	UJ	4.67	ND	U	24	ND	U	23.6
	BENZIDINE	N/A	N/A	N/A	ND	UJ	46.3	ND	UJ	46.3	ND	UJ	46.7	ND	U	50	ND	U	48.1	ND	U	48.1	ND	U	46.7	ND	U	240	ND	U	236
	BENZOIC ACID	N/A	N/A	N/A	ND	U	46.3	ND	U	46.3	ND	U	46.7	ND	U	50	ND	U	48.1	ND	U	48.1	ND	U	46.7	ND	U	240	ND	U	236
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	UJ	4.81	ND	U	4.81	ND	U	4.67	ND	UJ	24	ND	UJ	23.6
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.63	ND	UJ	4.63	ND	U	4.67	ND	UJ	5	ND	UJ	4.81	ND	UJ	4.81	ND	UJ	4.67	ND	UJ	24	ND	UJ	23.6
	CARBAZOLE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	UJ	5	ND	U	4.81	ND	UJ	4.81	ND	UJ	4.67	ND	U	24	ND	U	23.6
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	UJ	4.67	ND	U	24	ND	U	23.6
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	UJ	5	ND	U	4.81	ND	UJ	4.81	ND	UJ	4.67	ND	UJ	24	ND	UJ	23.6
	ISOPHORONE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	NITROBENZENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	18.5	ND	U	18.5	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	19.2	ND	U	18.7	ND	U	96.2	ND	U	94.3
	PHENOL	N/A	N/A	5	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	**72.8**		24	**77.8**		23.6
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	**115**		24	**123**		23.6
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	**97.9**		24	**107**		23.6
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	ANTHRACENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	CHRYSENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	FLUORANTHENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	FLUORENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**137**	J+	50	**147**	J+	50
	PHENANTHRENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6
	PYRENE	N/A	N/A	N/A	ND	U	4.63	ND	U	4.63	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.81	ND	U	4.67	ND	U	24	ND	U	23.6

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-3			KAFB-15			KAFB-16			KAFB-1061			KAFB-1062			KAFB-1063			KAFB-1064			KAFB-1065			KAFB-1065		
			SAMPLE NO		GW0118			GW0122			GW0125			GW0132			GW0133			GW0240			GW0236			GW0134			GW0135		
			SAMPLE DATE		6-Jul-11			6-Jul-11			6-Jul-11			20-Jul-11			12-Sep-11			21-Jul-11			15-Jul-11			20-Sep-11			20-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		0-0 ft			0-0 ft			0-0 ft			483-505 ft			479-504 ft			476-501 ft			484-509 ft			479-506 ft			479-506 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	44.7		5	29		5	48.9		5	51.4		5	48.1		5	106		5	61		5	132		5	135		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	**4.49**		0.1	**4.49**		0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	5.83		5	7.28		5	5.69		5	7.45		5	7.03		5	15.4		5	9.1		5	21.8		5	22.1		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	ND	U	0.015	0.0227		0.015	0.00668	J	0.015	**0.306**		0.015	ND	U	0.015	ND	U	0.015	ND	U	0.015	**3.73**		0.015	**3.71**		0.015
	POTASSIUM	N/A	N/A	N/A	2.18	J	5	5.64		5	3.43	J	5	2.56		5	2.55	J	5	4.02		5	2.68	J	5	4.88	J	5	4.94	J	5
	SODIUM	N/A	N/A	N/A	23		5	34		5	29.1		5	23.7		5	24.5		5	45.4		5	26.2		5	69.9		5	70.7		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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	0.134	J	0.3	0.115	J	0.3
Method E300.0	CHLORIDE	250	N/A	250	25		1	43.2		1	53.6		1	10.9		1	17		1	99.8		1	41		2.5	151		20	150		20
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	0.515	J	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.791	J	1.5	3.4		1.5	3.17		1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	32.8		2.5	30.6		2.5	31.3		2.5	30.1		2.5	39.2		2	159		5	83.1		2.5	20.3	J	40	20	J	40
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.39	ND	U	3.45	ND	U	3.39	ND	UJ	3.39	ND	U	3.39	ND	U	3.7	ND	U	3.45	1	J	3.45	ND	U	3.45
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	98.8		1	79.8		1	81.7		1	133		1	119		1	70.7		1	82.5		1	319		1	316		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	8.32		1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	20.73			28.43			28.54			19.92			21.76			19.96			19.99			22.03			22.03		
	pH (S.U.)	N/A	N/A	N/A	7.76			7.88			7.67			7.33			7.64			7.67			7.68			6.68			6.68		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	343.8			430.7			466.6			378.5			359.0			849.0			515.9			NR-EF			NR-EF		
	DO (mg/L)	N/A	N/A	N/A	5.78			0.79			2.79			1.20			4.44			7.52			7.75			0.20			0.20		
	ORP (mV)	N/A	N/A	N/A	160			101			103			14			183			103			271			-114			-114		
	Turbidity (NTU)	N/A	N/A	N/A	0.28			0.33			0.34			2.11			0.85			0.33			0.27			125.00			125.00		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	84			82			86			148			118			90			100			316			316		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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 are **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 RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-1066			KAFB-1067			KAFB-1068			KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10611			KAFB-106012			KAFB-10613		
			SAMPLE NO		GW0136			GW0137			GW0138			GW0139			GW0140			GW0141			GW0142			GW0143			GW0233		
			SAMPLE DATE		15-Sep-11			15-Jul-11			19-Sep-11			28-Sep-11			13-Jul-11			21-Jul-11			21-Jul-11			29-Jul-11			29-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			FD			REG			REG		
			SAMPLE DEPTH		483-508 ft			484-509 ft			486-511 ft			480-505 ft			483-508 ft			486-511 ft			486-511 ft			480-505 ft			486-511 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	7840		192	ND	UJ	92.6	38800		1890	9620		1960	24700	J	926	ND	U	100	ND	U	94.3	ND	U	100	ND	U	98
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	10800		1500	184		150	26400		3000	12900		1500	36500		3750	222		150	222		150	ND	U	150	ND	U	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	UJ	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	20	ND	U	2	ND	U	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	UJ	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	161		10	ND	U	1	286		20	200		50	240		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	20	ND	U	2	ND	U	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**19.3**		10	ND	U	1	**101**		20	ND	U	50	**134**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**41.2**	J+	1.42	ND	U	0.0325	**136**	J+	5.71	**3.22**	J+	0.143	**115**	J-	1200	ND	U	0.0283	ND	U	0.0283	0.0376		0.0288	ND	U	0.0287
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROETHANE	10	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	77		10	ND	U	1	105		20	99.3		50	71.6		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	ND	U	100	ND	U	10	197	J-	200	ND	U	500	1010		500	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	34.2	J	50	ND	U	5	302		100	ND	U	250	251		250	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	13.5	J	50	ND	U	5	213		100	ND	U	250	258		250	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	145		100	ND	U	10	1070		200	ND	U	500	2350		500	2.8		10	2.9		10	ND	U	10	ND	U	10
	BENZENE	10	N/A	5	**490**		10	ND	U	1	**2470**	J-	20	**3670**		50	**4580**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	20	ND	U	2	ND	UJ	40	ND	UJ	100	ND	UJ	100	ND	U	2	ND	U	2	ND	UJ	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	6.27	J-	10	ND	U	1	ND	U	20	51.4		50	19.2	J	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	20	ND	U	2	ND	U	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	UJ	10	ND	U	1	ND	UJ	20	ND	UJ	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	20	ND	U	2	ND	U	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	171		10	ND	U	1	347		20	**830**		50	**999**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	44.1		10	ND	U	1	56.3		20	77.6		50	74.3		50	6.07		1	6.05		1	ND	U	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	602		20	ND	U	2	1030		40	201		100	1110		100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	UJ	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	UJ	20	ND	U	2	**16.7**	J-	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	13.5		10	ND	U	1	20		20	20.3	J	50	ND	U	50	0.869		1	0.862		1	ND	U	1	ND	U	1
	N-PROPYLBENZENE	N/A	N/A	N/A	63.9		10	ND	U	1	73.9		20	93.8		50	72.3		50	0.697		1	0.721		1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	211		10	ND	U	1	414		20	173		50	844		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	4.57	J	10	ND	U	1	11	J	20	13.7	J	50	ND	U	50	1.09		1	1.09		1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	19.7		10	ND	U	1	20.2		20	20.6	J	50	ND	U	50	1.43		1	1.38		1	ND	U	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	1	39.1		20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TOLUENE	750	N/A	750	**1200**		10	ND	U	1	**3310**		20	447		50	**8510**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	20	ND	U	2	ND	U	40	ND	U	100	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	10	ND	U	1	ND	U	20	ND	U	50	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-1066			KAFB-1067			KAFB-1068			KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10611			KAFB-106012			KAFB-10613		
			SAMPLE NO		GW0136			GW0137			GW0138			GW0139			GW0140			GW0141			GW0142			GW0143			GW0233		
			SAMPLE DATE		15-Sep-11			15-Jul-11			19-Sep-11			28-Sep-11			13-Jul-11			21-Jul-11			21-Jul-11			29-Jul-11			29-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			FD			REG			REG		
			SAMPLE DEPTH		483-508 ft			484-509 ft			486-511 ft			480-505 ft			483-508 ft			486-511 ft			486-511 ft			480-505 ft			486-511 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
SVOCs (µg/L)	1,1-BIPHENYL	N/A	N/A	N/A	6.3		5	ND	U	4.63	68.1	J+	47.2	2.91	J+	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
Method 8270C	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	99		92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	472	ND	U	47.2	ND	U	231	ND	U	48.1	ND	U	48.1	ND	U	50	ND	U	55.6
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	79.2		4.72	60.5		23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	311	J+	47.2	ND	U	4.72	99.5		23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	UJ	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	ACETOPHENONE	N/A	N/A	N/A	253		25	ND	U	4.63	10700		2360	ND	UJ	4.72	4260		463	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	ATRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	UJ	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	UJ	5	ND	UJ	5.56
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	15.7	J-	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	UJ	5	ND	UJ	5.56
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	472	ND	UJ	47.2	ND	U	231	ND	U	48.1	ND	U	48.1	ND	U	50	ND	U	55.6
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	UJ	46.3	ND	U	472	ND	UJ	47.2	ND	U	231	ND	U	48.1	ND	UJ	48.1	ND	U	50	ND	U	55.6
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	UJ	4.81	ND	U	5	ND	U	5.56
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	2.28	J	5	ND	U	4.63	ND	U	47.2	ND	UJ	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	1.4	J+	5	3.35	J+	5.56
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	UJ	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	5	ND	UJ	4.63	ND	UJ	47.2	ND	UJ	4.72	ND	UJ	23.1	ND	UJ	4.81	ND	UJ	4.81	ND	UJ	5	ND	UJ	5.56
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	4.63	12.4	J+	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	40.2		23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	UJ	4.81	ND	UJ	4.81	ND	U	5	ND	U	5.56
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	47.2	ND	U	4.72	ND	UJ	23.1	ND	UJ	4.81	ND	UJ	4.81	ND	U	5	ND	U	5.56
	ISOPHORONE	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	189	ND	U	18.9	ND	U	92.6	ND	U	19.2	ND	U	19.2	ND	U	20	ND	U	22.2
	PHENOL	N/A	N/A	5	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
PAHs (µg/L)	1-METHYL NAPHTHALENE	N/A	N/A	30	14.5		5	ND	U	4.63	**160**	J+	47.2	**34**		4.72	20.5	J	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	13.9		5	ND	U	4.63	**178**	J+	47.2	**37.7**		4.72	24.3		23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	UJ	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	**44.4**	J-	10	ND	U	1	**196**	J+	20	**109**	J+	50	**113**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	47.2	ND	U	4.72	ND	U	23.1	ND	U	4.81	ND	U	4.81	ND	U	5	ND	U	5.56

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-1066			KAFB-1067			KAFB-1068			KAFB-1069			KAFB-10610			KAFB-10611			KAFB-10611			KAFB-106012			KAFB-10613		
			SAMPLE NO		GW0136			GW0137			GW0138			GW0139			GW0140			GW0141			GW0142			GW0143			GW0233		
			SAMPLE DATE		15-Sep-11			15-Jul-11			19-Sep-11			28-Sep-11			13-Jul-11			21-Jul-11			21-Jul-11			29-Jul-11			29-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			FD			REG			REG		
			SAMPLE DEPTH		483-508 ft			484-509 ft			486-511 ft			480-505 ft			483-508 ft			486-511 ft			486-511 ft			480-505 ft			486-511 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	51.9		5	73.2		5	63.6		5	122		5	80.9		5	55.8		5	55.1		5	139		5	62.4		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	0.102		0.1	ND	U	0.1	0.0545	J	0.1	**1.37**		0.1	0.0638	J	0.1	ND	U	0.1	ND	U	0.1	0.0758		0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	7.39		5	10.4		5	9.55		5	18.9		5	11.9		5	7.27		5	7.14		5	19.8		5	9.15		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.355**		0.015	**0.149**		0.015	**1.4**		0.015	**4.71**		0.015	**0.847**		0.015	**0.0693**		0.015	**0.0691**		0.015	0.0446		0.015	0.00891		0.015
	POTASSIUM	N/A	N/A	N/A	2.52	J	5	2.78	J	5	2.69	J	5	4.13	J	5	2.95	J	5	2.6		5	2.56		5	3.97		5	2.65		5
	SODIUM	N/A	N/A	N/A	28.5		5	30.2		5	30		5	36.9		5	32.9		5	28.5		5	28.3		5	49.7		5	27.5		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	8.87		1	11.1		2.5	17.2	J	20	74.5		20	59.2		1	8.39		1	8.47		1	139		2	28.5		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	1.58		1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	*4.18*		1.5	ND	U	1.5
	SULFATE	600	N/A	250	18.3	J-	2	30.1		2.5	17.8	J	40	15.2	J	40	55.3		2.5	25.9		2.5	26.2		2.5	167		5	36.4		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	1	J	3.45	ND	U	3.39	1	J	3.45	ND	U	3.45	6.07		3.45	1.04		3.7	0.89		3.7	ND	UJ	3.7	ND	U	3.7
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	162		1	220		1	206		1	337		1	142		1	190		1	176		1	151		1	166		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.43			19.98			19.36			22.29			19.46			19.79			19.79			19.66			19.15		
	pH (S.U.)	N/A	N/A	N/A	7.43			7.23			7.30			6.82			7.46			7.57			7.57			7.18			7.51		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	381.4			535.9			438.1			871.5			624.0			423.8			423.8			1080.0			458.4		
	DO (mg/L)	N/A	N/A	N/A	3.73			1.05			1.43			0.86			0.01			0.91			0.91			3.39			3.76		
	ORP (mV)	N/A	N/A	N/A	-126			50			-180			-207			-315			91			91			60			231		
	Turbidity (NTU)	N/A	N/A	N/A	1.73			0.46			1.02			2.88			0.64			0.38			0.38			2.32			2.03		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	163			156			194			300			138			174			174			116			176		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10614			KAFB-10615			KAFB-10616			KAFB-10617			KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10622		
			SAMPLE NO		GW0144			GW0145			GW0146			GW0147			GW0148			GW0149			GW0150			GW0151			GW0152		
			SAMPLE DATE		6-Sep-11			28-Jul-11			19-Jul-11			7-Jul-11			8-Jul-11			7-Jul-11			29-Jul-11			12-Jul-11			18-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		486-511 ft			485-510 ft			475-500 ft			482-507 ft			476-501 ft			493-518 ft			482-507 ft			458-483 ft			462-487 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	40400	J	94.3	ND	UJ	100	ND	U	100	ND	UJ	92.6	2080	J-	92.6	ND	UJ	92.6	ND	U	98	ND	UJ	92.6	ND	U	98
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	54500		7500	ND	U	150	ND	UJ	150	ND	UJ	150	713		150	205	J-	150	ND	U	150	134	J	150	67	J-	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	50	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-TRIMETHYLBENZENE	N/A	N/A	N/A	375		50	ND	U	1	ND	U	1	ND	U	1	8.01		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**374**		50	ND	U	1	ND	U	1	**0.861**	J	1	**1.18**		1	ND	U	1	ND	U	1	ND	U	1	**0.947**		1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**459**	J+	14	ND	U	0.0282	ND	U	0.0318	**0.909**	J+	0.0277	**2.34**	J+	0.11	**0.372**	J+	0.0282	ND	U	0.0286	ND	U	0.0321	**1**		0.0315
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	50	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-DICHLOROETHANE	10	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	1.5		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	127		50	ND	U	1	ND	U	1	ND	U	1	4.18		1	ND	U	1	ND	U	1	0.531	J	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	1070		500	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	484		250	ND	U	5	ND	U	5	ND	U	5	37.2		5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	247	J	250	ND	U	5	ND	U	5	ND	U	5	6.46		5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	3760	J+	500	ND	U	10	ND	U	10	ND	U	10	7.88	J	10	2.75	J	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	5	**8460**		50	ND	U	1	ND	U	1	ND	U	1	**28.4**		1	0.253	J	1	ND	U	1	0.817	J	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	100	ND	U	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	88.1		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	UJ	50	ND	U	1	ND	U	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	0.794	J	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	**1840**		50	ND	U	1	ND	U	1	ND	U	1	1.63		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	0.666	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	118		50	ND	U	1	ND	U	1	0.924	J	1	12.5		1	5.07		1	ND	U	1	6.36		1	1.89		1
	M,P-XYLENES	620	N/A	10,000	3750		100	ND	U	2	ND	U	2	ND	U	2	17.3		2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	0.273	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	13.2	J	50	ND	U	1	ND	U	1	ND	U	1	1.06		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-PROPYLBENZENE	N/A	N/A	N/A	125		50	ND	U	1	ND	U	1	ND	U	1	3.71		1	0.455	J	1	ND	U	1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	1590	J+	50	ND	U	1	ND	U	1	ND	U	1	10.8		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	1.02		1	0.657	J	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	12.8	J	50	ND	U	1	ND	U	1	ND	U	1	1.71		1	0.901	J	1	ND	U	1	0.653	J	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	1.15		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	0.53	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TOLUENE	750	N/A	750	**19000**	J+	200	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10614			KAFB-10615			KAFB-10616			KAFB-10617			KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10622		
			SAMPLE NO		GW0144			GW0145			GW0146			GW0147			GW0148			GW0149			GW0150			GW0151			GW0152		
			SAMPLE DATE		6-Sep-11			28-Jul-11			19-Jul-11			7-Jul-11			8-Jul-11			7-Jul-11			29-Jul-11			12-Jul-11			18-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		486-511 ft			485-510 ft			475-500 ft			482-507 ft			476-501 ft			493-518 ft			482-507 ft			458-483 ft			462-487 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	490	ND	U	50	ND	U	55.6	ND	U	46.3	ND	U	46.3	ND	U	46.3	ND	U	55.6	ND	U	46.3	ND	U	48.1
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	UJ	4.63	ND	U	4.81
	2-NITROANILINE	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	3-NITROANILINE	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	UJ	4.63	ND	U	4.81
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	4-NITROANILINE	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	ACETOPHENONE	N/A	N/A	N/A	6590		490	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	ATRAZINE	N/A	N/A	N/A	ND	U	49	ND	UJ	5	ND	UJ	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	UJ	5.56	ND	UJ	4.63	ND	UJ	4.81
	BENZALDEHYDE	N/A	N/A	N/A	ND	UJ	49	ND	UJ	5	ND	UJ	5.56	ND	U	4.63	ND	UJ	4.63	ND	U	4.63	ND	UJ	5.56	ND	UJ	4.63	ND	UJ	4.81
	BENZIDINE	N/A	N/A	N/A	ND	U	490	ND	U	50	ND	U	55.6	ND	UJ	46.3	ND	U	46.3	ND	UJ	46.3	ND	U	55.6	ND	U	46.3	ND	U	48.1
	BENZOIC ACID	N/A	N/A	N/A	ND	U	490	ND	U	50	ND	U	55.6	ND	U	46.3	ND	U	46.3	ND	U	46.3	ND	U	55.6	ND	U	46.3	ND	U	48.1
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	UJ	4.63	ND	U	4.63	2.07	J+	5.56	ND	U	4.63	ND	U	4.81
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	49	ND	UJ	5	ND	UJ	5.56	1.27	J	4.63	ND	UJ	4.63	ND	U	4.63	ND	UJ	5.56	ND	UJ	4.63	ND	UJ	4.81
	CARBAZOLE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	UJ	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	UJ	4.81
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	UJ	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	UJ	4.81
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	UJ	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	UJ	4.81
	ISOPHORONE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	NITROBENZENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	UJ	4.63	ND	U	4.81
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	196	ND	U	20	ND	U	22.2	ND	U	18.5	ND	U	18.5	ND	U	18.5	ND	U	22.2	ND	U	18.5	ND	U	19.2
	PHENOL	N/A	N/A	5	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	27	J	49	ND	U	5	ND	U	5.56	ND	U	4.63	2.55	J	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	2-METHYLNAPHTHALENE	N/A	N/A	30	28.9	J	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	ANTHRACENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	CHRYSENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	FLUORANTHENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	FLUORENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	**134**		50	ND	U	1	0.79		1	ND	U	1	1.16		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81
	PYRENE	N/A	N/A	N/A	ND	U	49	ND	U	5	ND	U	5.56	ND	U	4.63	ND	U	4.63	ND	U	4.63	ND	U	5.56	ND	U	4.63	ND	U	4.81

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10614			KAFB-10615			KAFB-10616			KAFB-10617			KAFB-10618			KAFB-10619			KAFB-10620			KAFB-10621			KAFB-10622		
			SAMPLE NO		GW0144			GW0145			GW0146			GW0147			GW0148			GW0149			GW0150			GW0151			GW0152		
			SAMPLE DATE		6-Sep-11			28-Jul-11			19-Jul-11			7-Jul-11			8-Jul-11			7-Jul-11			29-Jul-11			12-Jul-11			18-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		486-511 ft			485-510 ft			475-500 ft			482-507 ft			476-501 ft			493-518 ft			482-507 ft			458-483 ft			462-487 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	67.4		5	45.3		5	40.4		5	43.4		5	43.2		5	86.5		5	53.1		5	67.2		5	43		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	**0.694**		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	0.163		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	9.49		5	5.45		5	5.82		5	5.95		5	6.35		5	11.8		5	7.75		5	9.64		5	5.95		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.945**		0.015	0.0083		0.015	0.0306		0.015	0.0211		0.015	**0.763**		0.015	**0.357**		0.015	0.00546		0.015	**0.0705**		0.015	**0.193**		0.015
	POTASSIUM	N/A	N/A	N/A	2.75	J	5	2.36		5	2.55		5	2.25	J	5	2.34	J	5	3.07	J	5	2.37		5	2.88	J	5	2.17		5
	SODIUM	N/A	N/A	N/A	30.1		5	21.5		5	22.5		5	24.6		5	23.9		5	34.1		5	25.1		5	30.3		5	24		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	12.8		1	19.2		1	7.74		2.5	11.3		1	17.3		1	68.1		1	27.8		1	70.9		1	12.8		2.5
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	0.393		1.5	ND	U	1.5	0.309	J	1.5	ND	U	1.5	1.01	J	1.5	0.417		1.5	0.83	J	1.5	ND	U	1.5
	SULFATE	600	N/A	250	24.3		2	26.8		2.5	25		2.5	33.5		2.5	34.4		2.5	61.8		2.5	52.8		2.5	57.9		2.5	36.6		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	1.16	J	4	ND	U	3.39	ND	U	3.57	ND	U	3.39	0.69	J	3.45	ND	U	3.39	ND	U	3.7	ND	U	3.45	ND	U	3.7
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	204		1	101		1	ND	UR	1	114		1	115		1	141		1	114		1	95		1	115		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	UR	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.34			19.68			20.12			19.81			19.52			19.95			19.15			19.46			19.79		
	pH (S.U.)	N/A	N/A	N/A	7.39			7.86			7.87			7.71			7.71			7.67			7.70			7.67			7.82		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	481.7			572.5			318.1			351.3			343.0			661.7			404.4			546.5			363.3		
	DO (mg/L)	N/A	N/A	N/A	0.00			6.33			4.99			1.66			0.04			0.35			4.18			0.24			0.95		
	ORP (mV)	N/A	N/A	N/A	-183			188			153			-19			-165			-40			248			-34			-18		
	Turbidity (NTU)	N/A	N/A	N/A	0.66			2.02			14.10			0.41			0.95			0.43			0.86			0.37			0.36		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	182			112			140			118			124			130			124			85			135		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625			KAFB-10625			KAFB-10626			KAFB-10626			KAFB-10627			KAFB-10628		
			SAMPLE NO		GW0153			GW0243			GW0154			GW0155			GW0155-R			GW0156			GW0156-R			GW0173-R			GW0196		
			SAMPLE DATE		18-Jul-11			18-Jul-11			20-Jul-11			11-Jul-11			8-Aug-11			11-Jul-11			8-Aug-11			15-Aug-11			24-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		462-487 ft			473-498 ft			481-506 ft			465-490 ft			-			466-486 ft			-			-			491-511 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	94.3	ND	U	94.3	ND	U	94.3	ND	UJ	92.6	ND	U	100	ND	UJ	93.5	ND	U	94.3	ND	U	98	16300	J+	980
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	64.5	J-	150	ND	UJ	150	55.1	J-	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	26000		3000
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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	50
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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	50
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	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	50
	1,1,2-TRICHLOROETHANE	100	N/A	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	50
	1,1-DICHLOROETHANE	25	N/A	25	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	50
	1,1-DICHLOROETHENE	5	N/A	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	50
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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	50
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	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	50
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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	50
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	160		50
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**0.915**	J	1	ND	U	1	ND	U	1	ND	U	1	**0.273**	J	1	ND	U	1	ND	U	1	ND	U	1	**115**		50
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**0.943**		0.0312	ND	U	0.0326	ND	U	0.0282	ND	U	0.0303	**0.258**	J+	0.0284	ND	U	0.0308	ND	U	0.0286	ND	U	0.0288	**88.8**	J+	3
	1,2-DICHLOROBENZENE	N/A	N/A	600	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	50
	1,2-DICHLOROETHANE	10	N/A	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	50
	1,2-DICHLOROPROPANE	N/A	N/A	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	50
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	55		50
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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	50
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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	50
	1,4-DICHLOROBENZENE	N/A	N/A	75	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	50
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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	50
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	400	J	500
	2-CHLOROTOLUENE	N/A	N/A	N/A	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	50
	2-HEXANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	186	J	250
	4-CHLOROTOLUENE	N/A	N/A	N/A	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	50
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	163	J	250
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	1520	J+	500
	BENZENE	10	N/A	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	**3480**		50
	BROMOBENZENE	N/A	N/A	N/A	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	50
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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	50
	BROMODICHLOROMETHANE	N/A	N/A	N/A	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	50
	BROMOFORM	N/A	N/A	N/A	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	50
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	2	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	100
	CARBON DISULFIDE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	16.8	J	50
	CARBON TETRACHLORIDE	10	N/A	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	50
	CHLOROBENZENE	N/A	N/A	100	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	50
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	CHLOROFORM	100	N/A	100	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	50
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	0.439		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	50
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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	50
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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	50
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	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	50
	DIBROMOMETHANE	N/A	N/A	N/A	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	50
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	553		50
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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	50
	ISOPROPYLBENZENE	N/A	N/A	N/A	1.85		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	51.6		50
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	1170		100
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	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	50
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	N-BUTYLBENZENE	N/A	N/A	N/A	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	50
	N-PROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	53.9		50
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	478		50
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	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	50
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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	50
	STYRENE	N/A	N/A	100	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	50
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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	50
	TETRACHLOROETHENE	N/A	N/A	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	50
	TOLUENE	750	N/A	750	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.319	J	1	ND	U	1	ND	U	1	ND	U	1	**5690**		50
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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	50
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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	50
	TRICHLOROETHENE	N/A	N/A	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	50
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	100
	VINYL CHLORIDE	1	N/A	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	ND	U	50

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625			KAFB-10625			KAFB-10626			KAFB-10626			KAFB-10627			KAFB-10628		
			SAMPLE NO		GW0153			GW0243			GW0154			GW0155			GW0155-R			GW0156			GW0156-R			GW0173-R			GW0196		
			SAMPLE DATE		18-Jul-11			18-Jul-11			20-Jul-11			11-Jul-11			8-Aug-11			11-Jul-11			8-Aug-11			15-Aug-11			24-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		462-487 ft			473-498 ft			481-506 ft			465-490 ft			-			466-486 ft			-			-			491-511 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.81	ND	U	24.5
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.81	ND	U	24.5
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.81	ND	U	24.5
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	UJ	47.2	ND	U	46.3	ND	U	49	ND	UJ	46.3	ND	U	50	ND	U	46.3	ND	U	49	ND	U	48.1	ND	U	245
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	2-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	UJ	4.81	ND	U	24.5
	2-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	2-NITROPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	3-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	UJ	4.81	ND	U	24.5
	4-CHLOROANILINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	4-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	4-NITROPHENOL	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	ACETOPHENONE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	3030		245
	ATRAZINE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZALDEHYDE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZIDINE	N/A	N/A	N/A	ND	UJ	47.2	ND	U	46.3	ND	U	49	ND	UJ	46.3	ND	U	50	ND	UJ	46.3	ND	U	49	ND	U	48.1	ND	U	245
	BENZOIC ACID	N/A	N/A	N/A	ND	UJ	47.2	ND	U	46.3	ND	U	49	ND	UJ	46.3	ND	U	50	ND	U	46.3	ND	U	49	ND	U	48.1	ND	U	245
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	1.53	J	4.63	ND	UJ	5	1.45	J+	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	UJ	4.9	ND	UJ	4.63	ND	UJ	5	ND	UJ	4.63	ND	UJ	4.9	ND	UJ	4.81	ND	U	24.5
	CARBAZOLE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DIBENZOFURAN	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	UJ	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.63	ND	UJ	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	ISOPHORONE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	NITROBENZENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	UJ	18.9	ND	U	18.5	ND	U	19.6	ND	UJ	18.5	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.2	ND	U	98
	PHENOL	N/A	N/A	5	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	14	J	24.5
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	13.8	J	24.5
	ACENAPHTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	CHRYSENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	FLUORENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**56.2**		50
	PHENANTHRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5
	PYRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	4.63	ND	U	4.9	ND	UJ	4.63	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.81	ND	U	24.5

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-10622			KAFB-10623			KAFB-10624			KAFB-10625			KAFB-10625			KAFB-10626			KAFB-10626			KAFB-10627			KAFB-10628		
			SAMPLE NO		GW0153			GW0243			GW0154			GW0155			GW0155-R			GW0156			GW0156-R			GW0173-R			GW0196		
			SAMPLE DATE		18-Jul-11			18-Jul-11			20-Jul-11			11-Jul-11			8-Aug-11			11-Jul-11			8-Aug-11			15-Aug-11			24-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		462-487 ft			473-498 ft			481-506 ft			465-490 ft			-			466-486 ft			-			-			491-511 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	44.6		5	32.5		5	66.7		5	45.7		5	49.8		5	76		5	74.6		5	41.2		5	59		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	**0.874**		0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	6.15		5	4.51		5	13.7		5	6.19		5	6.72		5	9.99		5	9.55		5	5.68		5	8.27		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.195**		0.015	ND	U	0.015	**0.173**		0.015	ND	U	0.015	ND	U	0.015	ND	U	0.015	ND	U	0.015	ND	U	0.015	**0.777**		0.015
	POTASSIUM	N/A	N/A	N/A	2.31		5	1.89		5	3.29		5	2.73	J	5	2.83	J	5	3.38	J	5	3.48	J	5	2.1	J+	5	2.7	J	5
	SODIUM	N/A	N/A	N/A	25		5	25.5		5	36.3		5	26.9		5	31.1		5	30.9		5	32		5	23.8	J+	5	28.5		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	UJ	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
Method E300.0	CHLORIDE	250	N/A	250	12.9		2.5	9.52		2.5	39.9		1	15		1	27.1		1	86.9		1	74		1	7.5		1	23.1		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.52	J	1.5	*4.28*		1.5	3.15		1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	36.6		2.5	28		2.5	53.1		2.5	46.8		2.5	58.4		2	73		2.5	64		2	26.7		2.5	33.9		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.7	ND	UJ	3.7	ND	U	3.57	ND	U	3.39	ND	U	3.45	ND	U	3.39	ND	U	3.45	0.811	J	3.39	0.811	J	3.39
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	116		1	98.4		1	153		1	92.3		1	111		1	74.1		1	82.4		1	123		1	150		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.79			19.50			20.53			19.44			19.37			19.68			20.16			19.66			19.19		
	pH (S.U.)	N/A	N/A	N/A	7.82			8.14			7.34			7.75			7.81			7.61			7.66			7.85			7.54		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	363.3			253.0			566.3			347.9			385.7			638.2			574.5			322.3			434.5		
	DO (mg/L)	N/A	N/A	N/A	0.95			9.68			1.19			8.64			7.83			8.09			8.06			7.43			0.23		
	ORP (mV)	N/A	N/A	N/A	-18			254			64			77			219			76			131			183			-131		
	Turbidity (NTU)	N/A	N/A	N/A	0.36			0.65			1.11			0.48			1.88			0.59			0.23			0.40			0.93		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	135			135			181			98			184			80			86			116			142		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106029			KAFB-106030			KAFB-106031			KAFB-106032			KAFB-106033			KAFB-106034			KAFB-106035			KAFB-106036			KAFB-106037		
			SAMPLE NO		GW0157			GW0158			GW0159			GW0160			GW0161			GW0162			GW0163			GW0164			GW0165		
			SAMPLE DATE		19-Jul-11			20-Jul-11			20-Jul-11			10-Aug-11			10-Aug-11			9-Aug-11			13-Sep-11			13-Sep-11			14-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		450-470 ft			469-484 ft			495-509 ft			456-475 ft			477-492 ft			502-517 ft			452-482 ft			481-496 ft			507-522 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	98	ND	U	98	ND	U	94.3	ND	UJ	94.3	ND	UJ	94.3	ND	U	100	ND	U	98	ND	U	96.2	ND	U	96.2
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	U	150	ND	UJ	150	ND	UJ	150	ND	U	150	ND	U	150	ND	U	150	ND	UJ	150	ND	UJ	150	ND	UJ	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	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
	1,1,2-TRICHLOROETHANE	100	N/A	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
	1,1-DICHLOROETHANE	25	N/A	25	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
	1,1-DICHLOROETHENE	5	N/A	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
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	ND	U	1	ND	UJ	1	ND	U	1	ND	UJ	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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	UJ	1
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	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-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**0.333**	J	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	ND	U	0.031	ND	U	0.0289	ND	U	0.0282	ND	U	0.0282	ND	U	0.0284	0.0319	J+	0.029	**0.237**	J+	0.028	**0.45**	J+	0.0284	**0.588**	J+	0.0284
	1,2-DICHLOROBENZENE	N/A	N/A	600	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-DICHLOROETHANE	10	N/A	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
	1,2-DICHLOROPROPANE	N/A	N/A	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
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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
	1,4-DICHLOROBENZENE	N/A	N/A	75	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
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	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
	2-HEXANONE	N/A	N/A	N/A	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
	4-CHLOROTOLUENE	N/A	N/A	N/A	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
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	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
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	3.29	J	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	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
	BROMOBENZENE	N/A	N/A	N/A	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
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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
	BROMODICHLOROMETHANE	N/A	N/A	N/A	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
	BROMOFORM	N/A	N/A	N/A	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
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	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	UJ	1
	CARBON TETRACHLORIDE	10	N/A	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
	CHLOROBENZENE	N/A	N/A	100	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
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	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
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	0.325	J-	1	ND	UJ	1	ND	UJ	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	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
	DIBROMOMETHANE	N/A	N/A	N/A	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
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	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
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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
	ISOPROPYLBENZENE	N/A	N/A	N/A	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
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	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
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2
	N-BUTYLBENZENE	N/A	N/A	N/A	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-PROPYLBENZENE	N/A	N/A	N/A	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
	O-XYLENE	620	N/A	10,000	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
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	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
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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
	STYRENE	N/A	N/A	100	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
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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
	TETRACHLOROETHENE	N/A	N/A	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
	TOLUENE	750	N/A	750	ND	U	1	ND	U	1	0.327		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.332	J	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	TRICHLOROETHENE	N/A	N/A	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
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	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	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106029			KAFB-106030			KAFB-106031			KAFB-106032			KAFB-106033			KAFB-106034			KAFB-106035			KAFB-106036			KAFB-106037		
			SAMPLE NO		GW0157			GW0158			GW0159			GW0160			GW0161			GW0162			GW0163			GW0164			GW0165		
			SAMPLE DATE		19-Jul-11			20-Jul-11			20-Jul-11			10-Aug-11			10-Aug-11			9-Aug-11			13-Sep-11			13-Sep-11			14-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		450-470 ft			469-484 ft			495-509 ft			456-475 ft			477-492 ft			502-517 ft			452-482 ft			481-496 ft			507-522 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	UJ	4.9	ND	U	4.9	ND	UJ	4.81
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	UJ	4.9	ND	U	4.9	ND	UJ	4.81
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	U	19.6	ND	U	19.6	ND	U	19.2
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	U	49	ND	U	48.1	ND	UJ	47.2	ND	UJ	48.1	ND	U	52.1	ND		49	ND	U	49	ND		48.1
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	U	19.6	ND	U	19.6	ND	U	19.2
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	U	19.6	ND	U	19.6	ND	U	19.2
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	UJ	19.6	ND	U	19.6	ND	UJ	19.2
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	U	19.6	ND	U	19.6	ND	U	19.2
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	U	19.6	ND	U	19.6	ND	U	19.2
	ACETOPHENONE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	ATRAZINE	N/A	N/A	N/A	ND	UJ	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZALDEHYDE	N/A	N/A	N/A	ND	UJ	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	49	ND	U	48.1	ND	U	47.2	ND	U	48.1	ND	U	52.1	ND	U	49	ND	U	49	ND	U	48.1
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	U	49	ND	U	48.1	ND	UJ	47.2	ND	UJ	48.1	ND	U	52.1	ND	U	49	ND	U	49	ND	U	48.1
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	UJ	4.9	ND	UJ	4.9	ND	UJ	4.81
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	5	1.35	J+	4.9	1.84	J+	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	5	ND	UJ	4.9	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5.21	ND	UJ	4.9	ND	UJ	4.9	ND	UJ	4.81
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	UJ	5	ND	UJ	4.9	ND	UJ	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	UJ	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	UJ	5	ND	UJ	4.9	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	ISOPHORONE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20.8	ND	UJ	19.6	ND	U	19.6	ND	UJ	19.2
	PHENOL	N/A	N/A	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	1	ND	UJ	1	ND	UJ	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5.21	ND	U	4.9	ND	U	4.9	ND	U	4.81

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106029			KAFB-106030			KAFB-106031			KAFB-106032			KAFB-106033			KAFB-106034			KAFB-106035			KAFB-106036			KAFB-106037		
			SAMPLE NO		GW0157			GW0158			GW0159			GW0160			GW0161			GW0162			GW0163			GW0164			GW0165		
			SAMPLE DATE		19-Jul-11			20-Jul-11			20-Jul-11			10-Aug-11			10-Aug-11			9-Aug-11			13-Sep-11			13-Sep-11			14-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		450-470 ft			469-484 ft			495-509 ft			456-475 ft			477-492 ft			502-517 ft			452-482 ft			481-496 ft			507-522 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	61.3		5	60.6		5	63.8		5	50.9		5	80.6		5	93		5	38.8		5	68.1		5	49.9		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	8.23		5	7.91		5	8.36		5	6.98		5	11.8		5	12.7		5	5.17		5	8.95		5	6.53		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	ND	U	0.015	0.0307		0.015	0.0118		0.015	0.0403		0.015	0.0362		0.015	**0.0522**		0.015	**0.0657**		0.015	0.0486		0.015	ND	U	0.015
	POTASSIUM	N/A	N/A	N/A	3.12		5	2.89		5	3.13		5	2.72	J	5	3.19	J	5	3.69	J	5	2.17	J	5	2.9	J	5	2.53	J	5
	SODIUM	N/A	N/A	N/A	33.2		5	26.7		5	27.5		5	23.9		5	29.3		5	32.2		5	27.3		5	33.1		5	28.5		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	0.134	J	0.3	ND	U	0.3	ND	U	0.3
Method E300.0	CHLORIDE	250	N/A	250	57.9		2.5	57.6		1	51.4		1	25.2		1	67.9		1	77.5		1	11.3		1	41.6		1	18.5		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	2.03		1.5	1.78		1.5	1.65		1.5	0.589	J	1.5	1.98		1.5	2.28		1.5	ND	U	1.5	0.852	J	1.5	0.39	J	1.5
	SULFATE	600	N/A	250	55.9		2.5	49.7		2.5	60.3		2.5	55.5		2.5	111		2.5	111		2	29.4	J-	2	68.5		4	42.9	J-	2
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.7	ND	U	3.45	ND	U	3.45	ND	U	3.7	0.678	J	3.39	0.741	J	3.7	ND	U	3.7	ND	U	3.7	ND	U	3.7
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	14.4	R	1	79.8		1	87		1	94.8		1	89.4		1	84.5		1	107		1	125		1	109		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	31.9	R	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.83			20.51			20.34			19.56			19.78			19.55			19.63			19.70			19.57		
	pH (S.U.)	N/A	N/A	N/A	7.74			7.69			7.65			7.68			7.64			7.55			7.70			7.62			7.68		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	507.3			496.4			493.8			323.0			523.2			574.0			315.7			485.2			361.4		
	DO (mg/L)	N/A	N/A	N/A	8.64			9.04			9.03			8.18			10.78			12.94			7.15			9.45			12.36		
	ORP (mV)	N/A	N/A	N/A	197			175			212			246			329			229			196			188			175		
	Turbidity (NTU)	N/A	N/A	N/A	0.63			0.48			0.79			1.15			0.69			0.87			1.07			1.23			0.95		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	99			95			96			110			98			93			109			112			102		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106038			KAFB-106039			KAFB-106040			KAFB-106042			KAFB-106042			KAFB-106043			KAFB-106044			KAFB-106045			KAFB-106046		
			SAMPLE NO		GW0166			GW0167			GW0168			GW0170			GW0171			GW0172			GW0174			GW0175			GW0176		
			SAMPLE DATE		8-Sep-11			8-Sep-11			9-Sep-11			27-Jul-11			27-Jul-11			18-Jul-11			26-Jul-11			26-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			FD			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		478-508 ft			508-523 ft			530-545 ft			469-483 ft			469-483 ft			543-554 ft			504-519 ft			528-543 ft			490-510 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	100	ND	U	98	ND	U	96.2	118		111	127		111	ND	U	92.6	ND	U	96.2	ND	U	100	ND	U	94.3
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	51.9	J	150	ND	U	150	ND	U	150	224	J+	150	205	J+	150	ND	UJ	150	ND	U	150	ND	U	150	90	J	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.259		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	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
	1,1-DICHLOROETHANE	25	N/A	25	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
	1,1-DICHLOROETHENE	5	N/A	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
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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-TRIMETHYLBENZENE	N/A	N/A	N/A	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-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	ND	U	1	ND	U	1	ND	U	1	**1.02**		1	**0.989**		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	ND	U	0.0284	ND	U	0.0279	0.0425		0.028	**0.845**	J+	0.0284	**0.952**	J+	0.029	ND	U	0.0313	ND	UJ	0.0284	ND	UJ	0.0282	ND	U	0.0282
	1,2-DICHLOROBENZENE	N/A	N/A	600	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-DICHLOROETHANE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	0.442		1	0.438		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	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
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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
	1,4-DICHLOROBENZENE	N/A	N/A	75	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
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	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
	2-HEXANONE	N/A	N/A	N/A	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
	4-CHLOROTOLUENE	N/A	N/A	N/A	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
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	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
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	4.67		10	4.75		10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	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
	BROMOBENZENE	N/A	N/A	N/A	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
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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
	BROMODICHLOROMETHANE	N/A	N/A	N/A	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
	BROMOFORM	N/A	N/A	N/A	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
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	U	2	ND	UJ	2	ND	U	2	ND	U	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	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
	CARBON TETRACHLORIDE	10	N/A	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
	CHLOROBENZENE	N/A	N/A	100	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
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	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
	CHLOROMETHANE	N/A	N/A	N/A	ND	UJ	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
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	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
	DIBROMOMETHANE	N/A	N/A	N/A	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
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	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
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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
	ISOPROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.447		1	0.437		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	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
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	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-PROPYLBENZENE	N/A	N/A	N/A	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
	O-XYLENE	620	N/A	10,000	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
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	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
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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
	STYRENE	N/A	N/A	100	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
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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
	TETRACHLOROETHENE	N/A	N/A	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
	TOLUENE	750	N/A	750	ND	U	1	0.269	J	1	0.453	J	1	0.407		1	0.398		1	0.387		1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	TRICHLOROETHENE	N/A	N/A	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
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	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	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106038			KAFB-106039			KAFB-106040			KAFB-106042			KAFB-106042			KAFB-106043			KAFB-106044			KAFB-106045			KAFB-106046		
			SAMPLE NO		GW0166			GW0167			GW0168			GW0170			GW0171			GW0172			GW0174			GW0175			GW0176		
			SAMPLE DATE		8-Sep-11			8-Sep-11			9-Sep-11			27-Jul-11			27-Jul-11			18-Jul-11			26-Jul-11			26-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			FD			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		478-508 ft			508-523 ft			530-545 ft			469-483 ft			469-483 ft			543-554 ft			504-519 ft			528-543 ft			490-510 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	U	48.1	ND	U	55.6	ND	U	49
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2-NITROANILINE	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	3-NITROANILINE	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.81	ND	U	5.56	ND	U	4.9
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	4-NITROANILINE	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	UJ	20	ND	UJ	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	ACETOPHENONE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	ATRAZINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	UJ	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	UJ	4.81	ND	U	5	ND	U	5	ND	UJ	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZIDINE	N/A	N/A	N/A	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	U	48.1	ND	U	55.6	ND	U	49
	BENZOIC ACID	N/A	N/A	N/A	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	UJ	48.1	ND	U	55.6	ND	U	49
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.72	ND	UJ	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.81	ND	U	5.56	ND	U	4.9
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	4.81	ND	UJ	5.56	ND	U	4.9
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	4.81	ND	UJ	5.56	ND	UJ	4.9
	CARBAZOLE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	UJ	5	ND	U	4.81	ND	UJ	5.56	ND	U	4.9
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	UJ	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	UJ	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	ISOPHORONE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.81	ND	U	5.56	ND	U	4.9
	NITROBENZENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.2	ND	U	22.2	ND	U	19.6
	PHENOL	N/A	N/A	5	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	ANTHRACENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	CHRYSENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.81	ND	U	5.56	ND	U	4.9
	FLUORANTHENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	FLUORENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	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
	PHENANTHRENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9
	PYRENE	N/A	N/A	N/A	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.81	ND	U	5.56	ND	U	4.9

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106038			KAFB-106039			KAFB-106040			KAFB-106042			KAFB-106042			KAFB-106043			KAFB-106044			KAFB-106045			KAFB-106046		
			SAMPLE NO		GW0166			GW0167			GW0168			GW0170			GW0171			GW0172			GW0174			GW0175			GW0176		
			SAMPLE DATE		8-Sep-11			8-Sep-11			9-Sep-11			27-Jul-11			27-Jul-11			18-Jul-11			26-Jul-11			26-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			FD			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		478-508 ft			508-523 ft			530-545 ft			469-483 ft			469-483 ft			543-554 ft			504-519 ft			528-543 ft			490-510 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	38.5		5	38.2		5	36.4		5	64.8		5	67.1		5	41.2		5	33.7		5	33.6		5	64.4		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	5.14		5	4.98	J	5	4.76	J	5	8.34		5	8.55		5	5.26		5	4.72		5	4.67		5	8.44		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.0815**		0.015	**0.118**		0.015	**0.0885**		0.015	0.0175		0.015	0.0174		0.015	0.0338		0.015	0.0032		0.015	ND	U	0.015	0.022		0.015
	POTASSIUM	N/A	N/A	N/A	2.4	J	5	2.49	J	5	2.26	J	5	3.39		5	3.56		5	2.46		5	2.17		5	2.07		5	2.86	J	5
	SODIUM	N/A	N/A	N/A	26.1		5	25.5		5	24.1		5	29.7		5	30.8		5	23.4		5	21.3		5	21.2		5	31.1		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	8.92		1	7.7		1	7.81		1	52.5		1	52.4		1	10.9		2.5	6.88		1	6.37		1	8.44		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.944		1.5	0.973		1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.455	J	1.5
	SULFATE	600	N/A	250	25.2		2	24.9		2	27.2		2	47.5		2.5	47.5		2.5	34.7		2.5	26.5		2.5	25.9		2.5	25.5		2
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.7	ND	U	3.7	ND	U	3.45	ND	U	3.7	ND	U	3.7	ND	U	3.7	ND	U	3.7	ND	U	3.7	ND	U	3.39
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	109		1	110		1	110		1	95.4		1	98.8		1	ND	UR	1	102		1	102		1	202		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UR	1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.60			19.23			19.29			19.41			19.41			20.13			19.78			19.42			20.33		
	pH (S.U.)	N/A	N/A	N/A	7.82			7.69			7.72			7.57			7.57			7.80			7.86			7.85			7.43		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	309.2			300.5			298.6			483.4			483.4			328.6			286.9			281.3			464.9		
	DO (mg/L)	N/A	N/A	N/A	5.11			5.34			7.52			6.91			6.91			12.46			11.10			11.58			5.22		
	ORP (mV)	N/A	N/A	N/A	212			236			237			212			212			196			176			203			149		
	Turbidity (NTU)	N/A	N/A	N/A	0.43			1.20			0.96			0.99			0.99			0.42			0.96			0.58			0.52		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	98			102			104			128			128			114			81			92			168		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106047			KAFB-106048			KAFB-106049			KAFB-106050			KAFB-106050			KAFB-106051			KAFB-106052			KAFB-106053			KAFB-106054		
			SAMPLE NO		GW0177			GW0178			GW0179			GW0180			GW0181			GW0182			GW0183			GW0184			GW0185		
			SAMPLE DATE		11-Aug-11			11-Aug-11			12-Aug-11			11-Aug-11			11-Aug-11			25-Aug-11			7-Sep-11			12-Sep-11			1-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		512-527 ft			535-550 ft			456-476 ft			475-489 ft			475-489 ft			502-515 ft			450-479 ft			479-493 ft			504-514 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	UJ	96.2	ND	UJ	94.3	ND	UJ	100	ND	UJ	96.2	ND	UJ	96.2	ND	U	98	ND	U	96.2	122	J-	93.5	ND	UJ	94.3
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150	63.4	J	150	ND	U	150	ND	UJ	150	ND	U	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	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
	1,1,2-TRICHLOROETHANE	100	N/A	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
	1,1-DICHLOROETHANE	25	N/A	25	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
	1,1-DICHLOROETHENE	5	N/A	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
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	UJ	1	ND	UJ	1	ND	U	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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-TRIMETHYLBENZENE	N/A	N/A	N/A	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-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	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, Method 8011)	0.1	N/A	0.05	ND	U	0.0283	ND	U	0.028	ND	U	0.0288	ND	U	0.0282	ND	U	0.0283	ND	U	0.0285	ND	U	0.0282	ND	U	0.0282	ND	U	0.0285
	1,2-DICHLOROBENZENE	N/A	N/A	600	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-DICHLOROETHANE	10	N/A	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
	1,2-DICHLOROPROPANE	N/A	N/A	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
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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
	1,4-DICHLOROBENZENE	N/A	N/A	75	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
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	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
	2-HEXANONE	N/A	N/A	N/A	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
	4-CHLOROTOLUENE	N/A	N/A	N/A	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
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	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
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	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
	BROMOBENZENE	N/A	N/A	N/A	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
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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
	BROMODICHLOROMETHANE	N/A	N/A	N/A	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
	BROMOFORM	N/A	N/A	N/A	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
	BROMOMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	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
	CARBON TETRACHLORIDE	10	N/A	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
	CHLOROBENZENE	N/A	N/A	100	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
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	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
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.298	J	1	ND	U	1	ND	UJ	1	ND	UJ	1	0.406	J-	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	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
	DIBROMOMETHANE	N/A	N/A	N/A	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
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	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
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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
	ISOPROPYLBENZENE	N/A	N/A	N/A	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
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	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
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	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-PROPYLBENZENE	N/A	N/A	N/A	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
	O-XYLENE	620	N/A	10,000	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
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	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
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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
	STYRENE	N/A	N/A	100	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
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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
	TETRACHLOROETHENE	N/A	N/A	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
	TOLUENE	750	N/A	750	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
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	TRICHLOROETHENE	N/A	N/A	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
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	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	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106047			KAFB-106048			KAFB-106049			KAFB-106050			KAFB-106050			KAFB-106051			KAFB-106052			KAFB-106053			KAFB-106054		
			SAMPLE NO		GW0177			GW0178			GW0179			GW0180			GW0181			GW0182			GW0183			GW0184			GW0185		
			SAMPLE DATE		11-Aug-11			11-Aug-11			12-Aug-11			11-Aug-11			11-Aug-11			25-Aug-11			7-Sep-11			12-Sep-11			1-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		512-527 ft			535-550 ft			456-476 ft			475-489 ft			475-489 ft			502-515 ft			450-479 ft			479-493 ft			504-514 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	UJ	18.9	ND	U	19.2
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	UJ	48.1	ND	UJ	47.2	ND	UJ	48.1	ND	UJ	50	ND	UJ	46.7	ND	U	50	ND	U	48.1	ND	UJ	47.2	ND	UJ	48.1
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	2-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	2-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	18.9	ND	U	19.2
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	3-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	18.9	ND	U	19.2
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	UJ	18.9	ND	UJ	19.2
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	UJ	4.81
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	4-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	U	18.9	ND	U	19.2
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	UJ	18.9	ND	U	19.2
	ACETOPHENONE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	ATRAZINE	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	UJ	4.81
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZIDINE	N/A	N/A	N/A	ND	U	48.1	ND	U	47.2	ND	U	48.1	ND	U	50	ND	U	46.7	ND	U	50	ND	U	48.1	ND	U	47.2	ND	U	48.1
	BENZOIC ACID	N/A	N/A	N/A	ND	UJ	48.1	ND	U	47.2	ND	U	48.1	ND	U	50	ND	UJ	46.7	ND	U	50	ND	U	48.1	ND	UJ	47.2	ND	U	48.1
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	UJ	5	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81
	CARBAZOLE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	ISOPHORONE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	NITROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	UJ	4.81
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	18.9	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	20	ND	U	19.2	ND	UJ	18.9	ND	UJ	19.2
	PHENOL	N/A	N/A	5	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	UJ	4.72	ND	U	4.81
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	CHRYSENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	FLUORENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.95	J	1	ND	U	1	ND	UJ	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81
	PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	4.72	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	5	ND	U	4.81	ND	U	4.72	ND	U	4.81

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106047			KAFB-106048			KAFB-106049			KAFB-106050			KAFB-106050			KAFB-106051			KAFB-106052			KAFB-106053			KAFB-106054		
			SAMPLE NO		GW0177			GW0178			GW0179			GW0180			GW0181			GW0182			GW0183			GW0184			GW0185		
			SAMPLE DATE		11-Aug-11			11-Aug-11			12-Aug-11			11-Aug-11			11-Aug-11			25-Aug-11			7-Sep-11			12-Sep-11			1-Sep-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		512-527 ft			535-550 ft			456-476 ft			475-489 ft			475-489 ft			502-515 ft			450-479 ft			479-493 ft			504-514 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	47.6		5	36.5		5	174		5	62.9		5	65.7		5	52.1		5	55.1		5	50.5		5	47.9		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	6.17		5	4.65	J	5	23.6		5	8.19		5	8.62		5	7.29		5	7.36		5	6.72		5	6.38		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.387**		0.015	0.00415	J	0.015	0.0376		0.015	ND	U	0.015	ND	U	0.015	0.0038	J	0.015	0.00476	J	0.015	0.0241		0.015	0.0146	J	0.015
	POTASSIUM	N/A	N/A	N/A	2.6	J	5	2.14	J	5	4.28	J	5	3.11	J	5	3.2	J	5	2.72	J	5	2.92	J	5	2.77	J	5	2.61	J	5
	SODIUM	N/A	N/A	N/A	26.2		5	23.1		5	36.4		5	27.5		5	28.6		5	25.5		5	25.8		5	25.4		5	24.2		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	7.87		1	6.71		1	98.9		1	46.3		1	46.8		1	29		1	34.5		1	29.5		1	21.4	J-	2.5
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	3.19		1.5	1.11	J	1.5	1.11	J	1.5	0.83	J	1.5	1.03	J	1.5	0.854	J	1.5	0.506	J	1.5
	SULFATE	600	N/A	250	21.5		2.5	26.6		2.5	**361**		10	73.3		2.5	74.3		2.5	51.6		2.5	57.7		40	48.2		2	51.6		25
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.45	ND	U	3.7	ND	U	3.7	ND	U	3.39	ND	U	3.7	ND	U	3.7	ND	U	3.45	ND	U	3.39	ND	U	4
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	155		1	105		1	65.5		1	89		1	85.3		1	103		1	89		1	94.3		1	96.8		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	20.62			19.96			19.25			19.01			19.01			18.94			19.31			19.08			19.58		
	pH (S.U.)	N/A	N/A	N/A	7.48			7.80			7.56			7.76			7.76			7.70			7.68			7.71			7.74		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	365.4			283.5			1133.0			428.6			428.6			358.9			440.8			355.0			330.1		
	DO (mg/L)	N/A	N/A	N/A	2.91			10.71			7.80			NR-EF			NR-EF			10.29			5.22			10.91			11.74		
	ORP (mV)	N/A	N/A	N/A	-3			228			183			335			335			178			231			208			186		
	Turbidity (NTU)	N/A	N/A	N/A	3.35			0.69			0.61			1.01			1.01			1.75			1.60			0.99			3.02		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	112			112			73			112			112			109			NR			112			109		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106055			KAFB-106057			KAFB-106058			KAFB-106059			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063		
			SAMPLE NO		GW0186			GW0187			GW0188			GW0189			GW0190			GW0191			GW0192			GW0193			GW0194		
			SAMPLE DATE		25-Aug-11			23-Aug-11			26-Aug-11			28-Sep-11			30-Aug-11			10-Aug-11			1-Aug-11			1-Aug-11			1-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			FD			REG		
			SAMPLE DEPTH		465-484 ft			486-499 ft			511-526 ft			483-503 ft			503-518 ft			573-588 ft			475-590 ft			475-590 ft			505-520 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	98	ND	U	96.2	ND	U	97.1	20500		4900	ND	UJ	96.2	ND	UJ	96.2	ND	U	100	ND	U	100	ND	U	100
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	U	150	ND	U	150	53.8	J	150	35000		3750	ND	U	150	ND	U	150	ND	U	150	ND	U	150	ND	U	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.485	J	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	UJ	1	ND	U	1	ND	UJ	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	0.458	J	1	ND	U	1	471		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**1.28**		1	**1.42**		1	**0.845**	J	1	**134**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**1.44**	J+	0.0573	**1.16**	J+	0.06	**0.713**	J	0.0287	**91.8**	J+	2.86	0.0107	J	0.0284	ND	U	0.0286	ND	U	0.0279	ND	U	0.0282	**0.067**		0.0281
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROETHANE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	0.277	J	1	ND	U	1	159		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	193	J	500	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	272		250	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	130	J	250	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	1190		500	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	5	ND	U	1	0.424	J	1	ND	U	1	**2580**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	2	ND	U	2	ND	UJ	2	ND	UJ	100	ND	U	2	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	18.5	J	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	UJ	1	ND	U	1	ND	UJ	1	ND	UJ	50	0.302	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	0.668	J	2
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	**1040**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	ND	U	1	0.557	J	1	ND	U	1	111		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	ND	U	2	0.614	J	2	ND	U	2	2780		100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	24.6	J	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-PROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	133		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	1110		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	15.9	J	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	22.9	J	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.486	J	1
	TOLUENE	750	N/A	750	ND	U	1	ND	U	1	ND	U	1	**8150**		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.605	J	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	1	ND	U	1	ND	U	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106055			KAFB-106057			KAFB-106058			KAFB-106059			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063		
			SAMPLE NO		GW0186			GW0187			GW0188			GW0189			GW0190			GW0191			GW0192			GW0193			GW0194		
			SAMPLE DATE		25-Aug-11			23-Aug-11			26-Aug-11			28-Sep-11			30-Aug-11			10-Aug-11			1-Aug-11			1-Aug-11			1-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			FD			REG		
			SAMPLE DEPTH		465-484 ft			486-499 ft			511-526 ft			483-503 ft			503-518 ft			573-588 ft			475-590 ft			475-590 ft			505-520 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	3.32	J+	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	UJ	46.3	ND	U	49	ND	U	49	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	49	ND	U	50
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	UJ	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	UJ	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	15.7		4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	UJ	18.5	ND	U	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	ACETOPHENONE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	3560		490	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	ATRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	UJ	4.9	ND	U	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	49	ND	UJ	49	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	49	ND	U	50
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	UJ	46.3	ND	UJ	49	ND	UJ	49	ND	U	47.2	ND	U	47.2	ND	U	48.1	ND	U	49	ND	U	50
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	5	1.64	J	4.63	ND	U	4.9	ND	UJ	4.9	ND	U	4.72	1.66	J+	4.72	ND	UJ	4.81	ND	UJ	4.9	ND	UJ	5
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	5	ND	UJ	4.63	ND	UJ	4.9	ND	UJ	4.9	ND	UJ	4.72	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	4.9	ND	UJ	5
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	UJ	4.81	ND	UJ	4.9	ND	UJ	5
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	UJ	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	ISOPHORONE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	UJ	18.5	ND	UJ	19.6	ND	U	19.6	ND	U	18.9	ND	U	18.9	ND	U	19.2	ND	U	19.6	ND	U	20
	PHENOL	N/A	N/A	5	ND	U	5	ND	UJ	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	4.63	ND	U	4.9	**60.1**		4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	4.63	ND	U	4.9	**66.9**		4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	UJ	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	**188**	J+	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	4.9	ND	U	4.9	ND	U	4.72	ND	U	4.72	ND	U	4.81	ND	U	4.9	ND	U	5

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106055			KAFB-106057			KAFB-106058			KAFB-106059			KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106062			KAFB-106063		
			SAMPLE NO		GW0186			GW0187			GW0188			GW0189			GW0190			GW0191			GW0192			GW0193			GW0194		
			SAMPLE DATE		25-Aug-11			23-Aug-11			26-Aug-11			28-Sep-11			30-Aug-11			10-Aug-11			1-Aug-11			1-Aug-11			1-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			FD			REG		
			SAMPLE DEPTH		465-484 ft			486-499 ft			511-526 ft			483-503 ft			503-518 ft			573-588 ft			475-590 ft			475-590 ft			505-520 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	43.6		5	41.3		5	39.3		5	69.8		5	38.8		5	33		5	36.6		5	35.6		5	45.1		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	0.183		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	6.05		5	5.8		5	5.42		5	10.1		5	5.48		5	4.26	J	5	4.78	J	5	4.63	J	5	5.95		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	0.0354		0.015	0.0341		0.015	0.0067	J	0.015	**0.727**		0.015	0.0142	J	0.015	0.00306	J	0.015	0.00733	J+	0.015	0.00715	J+	0.015	0.00848	J+	0.015
	POTASSIUM	N/A	N/A	N/A	2.43	J	5	2.4	J	5	2.34	J	5	3.19	J	5	2.28	J	5	2.04	J	5	2.15	J+	5	2.09	J+	5	2.5	J+	5
	SODIUM	N/A	N/A	N/A	26.8		5	25.2		5	25.5		5	30.1		5	22.6		5	21.1		5	22.8		5	22.3		5	25.5		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	0.127	J-	0.3	ND	UJ	0.3	ND	UJ	0.3
Method E300.0	CHLORIDE	250	N/A	250	17.5		1	10.9		1	9.38		1	22.4		20	12.5		1	6.72		1	7.07		1	7.06		1	12.3		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	0.72	J	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.542	J	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.788	J	1.5
	SULFATE	600	N/A	250	34.4		2.5	34.2		2.5	31.9		2.5	40.6		40	31		2.5	26.6		2.5	27.1		2.5	27.1		2.5	32.9		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.7	ND	U	3.7	ND	U	3.7	ND	U	3.45	1	J	3.7	0.69	J	3.45	ND	U	3.45	ND	U	3.45	0.741	J	3.7
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	112		1	124		1	117		1	178		1	107		1	92.7		1	106		1	106		1	124		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.69			20.40			20.11			19.90			19.56			20.56			19.99			19.99			20.19		
	pH (S.U.)	N/A	N/A	N/A	7.75			7.76			7.80			7.33			7.80			7.82			7.76			7.76			7.68		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	347.7			331.5			316.4			562.9			318.8			272.9			298.0			298.0			361.0		
	DO (mg/L)	N/A	N/A	N/A	6.37			9.74			8.16			3.83			7.64			4.36			11.78			11.78			9.08		
	ORP (mV)	N/A	N/A	N/A	155			309			211			-59			163			195			218			218			170		
	Turbidity (NTU)	N/A	N/A	N/A	0.61			0.56			0.34			2.17			0.97			0.57			0.44			0.44			0.42		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	100			124			114			174			116			108			106			106			126		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106064			KAFB-106065			KAFB-106066			KAFB-106067			KAFB-106067			KAFB-106068			KAFB-106069			KAFB-106070			KAFB-106071		
			SAMPLE NO		GW0195			GW0197			GW0198			GW0199			GW0200			GW0201			GW0202			GW0203			GW0204		
			SAMPLE DATE		17-Aug-11			16-Aug-11			15-Aug-11			12-Jul-11			12-Jul-11			11-Jul-11			12-Jul-11			14-Jul-11			13-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		485-505 ft			484-504 ft			575-590 ft			485-505 ft			485-505 ft			580-595 ft			506-521 ft			460-480 ft			548-563 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	9340		980	8720		980	ND	U	98	1130	J	93.5	1380	J	92.6	ND	UJ	93.5	ND	UJ	92.6	282	J	92.6	ND	UJ	93.5
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	11300		1500	6760		750	ND	U	150	1370		150	1450		150	ND	U	150	98	J	150	229		150	ND	U	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	10	ND	U	25	ND	U	1	0.747	J	2	0.742	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	40.6		10	71.3		25	ND	U	1	42		2	42		2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**57.6**		10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	**0.338**	J	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**147**	J+	5.73	**2.19**	J+	0.157	ND	U	0.0283	**0.137**	J+	0.0309	**0.145**	J+	0.0307	ND	U	0.032	**0.245**	J+	0.0313	**0.162**	J+	0.0325	ND	U	0.0301
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROETHANE	10	N/A	5	ND	U	10	ND	U	25	ND	U	1	0.831	J	2	0.829	J	2	ND	U	1	ND	U	1	1.26		1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	13.2		10	36.5		25	ND	U	1	12.8		2	12.9		2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	159		100	ND	U	250	ND	U	10	ND	U	20	ND	U	20	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	52.9		50	ND	U	125	ND	U	5	ND	U	10	ND	U	10	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	17.9	J	50	ND	U	125	ND	U	5	ND	U	10	ND	U	10	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	553	J+	100	89.6	J+	250	5.42	J+	10	22.7		20	20.4		20	ND	U	10	7.3	J	10	10.2		10	ND	U	10
	BENZENE	10	N/A	5	**956**	J+	10	**2060**		25	ND	U	1	**313**		2	**297**		2	ND	U	1	4.3		1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	U	20	ND	UJ	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	4.8	J+	10	ND	U	25	ND	U	1	0.89	J	2	1.64	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	6.33	J	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	0.579	J	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	123		10	88.2		25	ND	U	1	85.5		2	83.1		2	ND	U	1	0.758	J	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	10.1		10	16.8	J	25	ND	U	1	12.2		2	11.8		2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	367		20	193		50	ND	U	2	87.6		4	84.9		4	ND	U	2	0.893	J	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	0.857	J	2	0.944	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-PROPYLBENZENE	N/A	N/A	N/A	8.89	J	10	11.1	J	25	ND	U	1	7.11		2	7.21		2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	177		10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	0.679	J	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	0.879	J	2	0.875	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	1.06	J	2	1.13	J	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	0.333	J	1	ND	U	1	ND	U	1
	TOLUENE	750	N/A	750	**1780**		10	10.6	J	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	9.68		1	ND	U	1	0.762	J	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	20	ND	U	50	ND	U	2	ND	U	4	ND	U	4	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	10	ND	U	25	ND	U	1	ND	U	2	ND	U	2	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106064			KAFB-106065			KAFB-106066			KAFB-106067			KAFB-106067			KAFB-106068			KAFB-106069			KAFB-106070			KAFB-106071		
			SAMPLE NO		GW0195			GW0197			GW0198			GW0199			GW0200			GW0201			GW0202			GW0203			GW0204		
			SAMPLE DATE		17-Aug-11			16-Aug-11			15-Aug-11			12-Jul-11			12-Jul-11			11-Jul-11			12-Jul-11			14-Jul-11			13-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		485-505 ft			484-504 ft			575-590 ft			485-505 ft			485-505 ft			580-595 ft			506-521 ft			460-480 ft			548-563 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
SVOCs (µg/L)	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
Method 8270C	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.67	ND	UJ	4.63
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	UJ	18.5
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	50	ND	U	46.3	ND	U	46.3	ND	UJ	47.2	ND	U	46.7	ND	U	46.7	ND	UJ	46.3
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	2-METHYLPHENOL	N/A	N/A	N/A	4.5	J	5	ND	U	4.63	ND	UJ	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	U	18.5
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	24.1		5	ND	U	4.63	ND	U	5	5.65		4.63	6.44		4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	U	18.5
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	UJ	18.5
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	UJ	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	U	18.5
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	UJ	18.5
	ACETOPHENONE	N/A	N/A	N/A	1030		125	123		23.1	ND	U	5	3.25	J	4.63	2.81	J	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	ATRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	50	ND	U	46.3	ND	U	46.3	ND	UJ	47.2	ND	U	46.7	ND	U	46.7	ND	U	46.3
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	U	46.3	ND	U	50	ND	U	46.3	ND	U	46.3	ND	UJ	47.2	ND	U	46.7	ND	U	46.7	ND	UJ	46.3
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	1.46	J	4.63	2.39	J	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.67	ND	UJ	4.63
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	CAPROLACTAM	N/A	N/A	N/A	ND	U	5	ND	UJ	4.63	ND	UJ	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.67	ND	UJ	4.63
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	10.1		4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.67	ND	UJ	4.63
	ISOPHORONE	N/A	N/A	N/A	ND	U	5	2.35	J	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.67	ND	UJ	4.63
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	UJ	4.63	ND	UJ	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	18.5	ND	U	20	ND	U	18.5	ND	U	18.5	ND	UJ	18.9	ND	U	18.7	ND	U	18.7	ND	UJ	18.5
	PHENOL	N/A	N/A	5	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	UJ	4.63
PAHs (µg/L)	1-METHYL NAPHTHALENE	N/A	N/A	30	4.09	J	5	6.32		4.63	ND	U	5	1.82	J	4.63	1.74	J	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	2.95	J	5	5.08		4.63	ND	U	5	1.34	J	4.63	1.36	J	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	23.4		10	**46.8**		25	ND	U	1	7.34		2	7.7		2	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	4.63	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.67	ND	U	4.63

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106064			KAFB-106065			KAFB-106066			KAFB-106067			KAFB-106067			KAFB-106068			KAFB-106069			KAFB-106070			KAFB-106071		
			SAMPLE NO		GW0195			GW0197			GW0198			GW0199			GW0200			GW0201			GW0202			GW0203			GW0204		
			SAMPLE DATE		17-Aug-11			16-Aug-11			15-Aug-11			12-Jul-11			12-Jul-11			11-Jul-11			12-Jul-11			14-Jul-11			13-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		485-505 ft			484-504 ft			575-590 ft			485-505 ft			485-505 ft			580-595 ft			506-521 ft			460-480 ft			548-563 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	58		5	105		5	39.9		5	62.6		5	60.8		5	36.6		5	41.6		5	63.9		5	42.4		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	0.291		0.1	**2.82**		0.1	ND	U	0.1	0.0688	J	0.1	0.0718	J	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	7.78		5	15.6		5	5.08		5	9.02		5	8.83		5	4.8	J	5	5.46		5	8.52		5	5.53		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**0.514**		0.015	**3.09**		0.015	0.0041	J	0.015	**0.641**		0.015	**0.666**		0.015	0.00912	J	0.015	**0.0841**		0.015	**0.23**		0.015	**0.0743**		0.015
	POTASSIUM	N/A	N/A	N/A	2.6	J	5	3.49	J+	5	2.13	J+	5	2.66	J	5	2.56	J	5	2.16	J	5	2.34	J	5	3.35	J	5	2.5	J	5
	SODIUM	N/A	N/A	N/A	28.7		5	41.9	J+	5	25	J+	5	30.1		5	29.3		5	22.8		5	23.3		5	29.9		5	23.8		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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	UJ	0.3	ND	U	0.3
Method E300.0	CHLORIDE	250	N/A	250	13		1	74.5		1	7.58		1	11.3		1	11.3		1	8.35		1	11.4		1	43.6		2.5	9.7		2.5
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.421	J	1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	29.8		2	87.8		2	28		2.5	20.5		2.5	20.5		2.5	28.6		2.5	30.8		2.5	58.1		2.5	30.8		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.39	ND	U	3.39	ND	U	3.7	ND	U	3.45	ND	U	3.39	ND	U	3.39	ND	U	3.45	ND	UJ	3.39	ND	U	3.45
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	174		1	207		1	113		1	200		1	205		1	101		1	114		1	120		1	109		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	2.28		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.34			18.90			18.83			19.13			19.13			19.41			19.95			19.47			20.24		
	pH (S.U.)	N/A	N/A	N/A	7.45			7.25			7.70			7.46			7.46			7.79			7.55			7.48			7.68		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	421.7			704.8			272.8			713.8			713.8			297.2			534.9			517.0			328.2		
	DO (mg/L)	N/A	N/A	N/A	1.07			0.01			14.79			1.78			1.78			13.48			5.72			2.19			8.91		
	ORP (mV)	N/A	N/A	N/A	-75			-1			203			-8			-8			79			187			58			314		
	Turbidity (NTU)	N/A	N/A	N/A	0.53			1.84			1.11			0.93			0.93			1.82			5.22			0.40			0.82		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	176			200			116			245			245			110			110			151			145		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106072			KAFB-106073			KAFB-106074			KAFB-106075			KAFB-106075			KAFB-106076			KAFB-106077			KAFB-106078			KAFB-106079		
			SAMPLE NO		GW0205			GW0206			GW0207			GW0208			GW0209			GW0210			GW0211			GW0212			GW0213		
			SAMPLE DATE		15-Jul-11			22-Jul-11			25-Jul-11			22-Jul-11			22-Jul-11			29-Sep-11			6-Sep-11			26-Aug-11			22-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		475-495 ft			500-514 ft			570-584 ft			480-500 ft			480-500 ft			480-500 ft			504-519 ft			573-588 ft			485-504 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	811	J	93.5	ND	U	96.2	ND	U	96.2	1170		100	1190		100	49100		4810	ND	UJ	96.2	ND	U	93.5	22400	J-	962
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	426		150	ND	U	150	ND	U	150	308	J+	150	352	J+	150	44100		3750	133	J	150	ND	U	150	22200	J+	1500
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	UJ	1	ND	U	50
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	0.436	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	643		100	ND	U	1	ND	U	1	22.6		50
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**1.04**		1	ND	U	1	ND	U	1	**0.42**	J	1	**0.411**		1	**175**		100	ND	U	1	ND	U	1	**32.6**		50
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**1.02**	J+	0.0307	0.0302		0.0282	ND	U	0.0284	**0.301**	J	0.0283	**0.353**		0.0281	**314**	J+	14.3	**0.0665**	J+	0.028	ND	U	0.0287	**9.94**	J	0.0283
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,2-DICHLOROETHANE	10	N/A	5	2.02		1	ND	U	1	ND	U	1	1.13		1	1.15		1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	0.776	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	182		100	ND	U	1	ND	U	1	ND	U	50
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	305	J	1000	ND	U	10	ND	U	10	224	J+	500
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	2-HEXANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	282	J	500	ND	U	5	ND	U	5	111	J+	250
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	157	J	500	ND	U	5	ND	U	5	142		250
	ACETONE	N/A	N/A	N/A	8.01	J	10	ND	U	10	ND	U	10	7.12		10	7.43		10	2470		1000	ND	U	10	ND	U	10	887		500
	BENZENE	10	N/A	5	0.287	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**5170**		100	ND	U	1	ND	U	1	**3450**		50
	BROMOBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	BROMODICHLOROMETHANE	N/A	N/A	N/A	5.19		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	BROMOFORM	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	BROMOMETHANE	N/A	N/A	N/A	ND	U	2	ND	UJ	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	UJ	200	ND	UJ	2	ND	UJ	2	ND	UJ	100
	CARBON DISULFIDE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	219		50
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	CHLOROBENZENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	CHLOROFORM	100	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	UJ	100	ND	UJ	1	ND	UJ	1	ND	U	50
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**895**		100	ND	U	1	ND	U	1	143		50
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	ISOPROPYLBENZENE	N/A	N/A	N/A	0.342	J	1	ND	U	1	ND	U	1	4.02		1	4.08		1	91.3	J	100	ND	U	1	ND	U	1	26.9		50
	M,P-XYLENES	620	N/A	10,000	2.1		2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	2650		200	ND	U	2	ND	U	2	193		100
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.331		1	0.316		1	45.9	J	100	ND	U	1	ND	U	1	ND	U	50
	N-PROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	1.39		1	1.33		1	125		100	ND	U	1	ND	U	1	17.5		50
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	1150		100	ND	U	1	ND	U	1	145		50
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	0.278	J	1	ND	U	1	ND	U	1	0.746		1	0.895		1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.377		1	0.34		1	31.7	J	100	ND	U	1	ND	U	1	ND	U	50
	STYRENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TOLUENE	750	N/A	750	2.71		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**8740**		100	ND	U	1	ND	U	1	**963**		50
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TRICHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	200	ND	U	2	ND	U	2	ND	U	100
	VINYL CHLORIDE	1	N/A	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	100	ND	U	1	ND	U	1	ND	U	50

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106072			KAFB-106073			KAFB-106074			KAFB-106075			KAFB-106075			KAFB-106076			KAFB-106077			KAFB-106078			KAFB-106079		
			SAMPLE NO		GW0205			GW0206			GW0207			GW0208			GW0209			GW0210			GW0211			GW0212			GW0213		
			SAMPLE DATE		15-Jul-11			22-Jul-11			25-Jul-11			22-Jul-11			22-Jul-11			29-Sep-11			6-Sep-11			26-Aug-11			22-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		475-495 ft			500-514 ft			570-584 ft			480-500 ft			480-500 ft			480-500 ft			504-519 ft			573-588 ft			485-504 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	U	19.2	99.1		20
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	47.2	ND	U	55.6	ND	U	50	ND	U	55.6	ND	U	55.6	ND	U	4720	ND	U	48.1	ND	U	48.1	ND	U	50
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	46.2		5
	2-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	UJ	19.2	ND	U	20
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	1.95		5.56	1.82		5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	22.1		5
	3-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	U	19.2	ND	U	20
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	U	19.2	ND	U	20
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	UJ	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	4-CHLOROANILINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	4-NITROANILINE	N/A	N/A	N/A	ND	UJ	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	UJ	1890	ND	U	19.2	ND	U	19.2	ND	U	20
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	U	19.2	ND	U	20
	ACETOPHENONE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	7380		943	ND	U	4.81	ND	U	4.81	1630		125
	ATRAZINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	UJ	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	BENZALDEHYDE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	UJ	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BENZIDINE	N/A	N/A	N/A	ND	UJ	47.2	ND	U	55.6	ND	U	50	ND	U	55.6	ND	U	55.6	ND	UJ	4720	ND	U	48.1	ND	U	48.1	ND	U	50
	BENZOIC ACID	N/A	N/A	N/A	ND	U	47.2	ND	U	55.6	ND	UJ	50	ND	U	55.6	ND	U	55.6	ND	UJ	4720	ND	U	48.1	ND	UJ	48.1	ND	U	50
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	UJ	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	UJ	4.81	ND	U	4.81	ND	U	5
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	UJ	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	UJ	472	ND	U	4.81	ND	U	4.81	ND	U	5
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	5.56	ND	UJ	5	ND	UJ	5.56	ND	UJ	5.56	ND	UJ	472	ND	UJ	4.81	ND	UJ	4.81	ND	UJ	5
	CARBAZOLE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	DIBENZOFURAN	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	31.1		5
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	5.56	ND	U	5	ND	UJ	5.56	ND	UJ	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	UJ	5
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	UJ	4.72	ND	UJ	5.56	ND	U	5	ND	UJ	5.56	ND	UJ	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	UJ	5
	ISOPHORONE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	UJ	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	5.68		5
	NITROBENZENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	18.9	ND	U	22.2	ND	U	20	ND	U	22.2	ND	U	22.2	ND	U	1890	ND	U	19.2	ND	UJ	19.2	ND	U	20
	PHENOL	N/A	N/A	5	ND	U	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	**133**	J	472	ND	U	4.81	ND	U	4.81	9.13		5
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	**131**	J	472	ND	U	4.81	ND	U	4.81	7.85		5
	ACENAPHTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	CHRYSENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	UJ	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	FLUORANTHENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	UJ	4.81	ND	U	5
	FLUORENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	UJ	472	ND	U	4.81	ND	U	4.81	ND	U	5
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**471**	J+	100	ND	U	1	ND	U	1	**60.4**		50
	PHENANTHRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5
	PYRENE	N/A	N/A	N/A	ND	UJ	4.72	ND	U	5.56	ND	U	5	ND	U	5.56	ND	U	5.56	ND	U	472	ND	U	4.81	ND	U	4.81	ND	U	5

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106072			KAFB-106073			KAFB-106074			KAFB-106075			KAFB-106075			KAFB-106076			KAFB-106077			KAFB-106078			KAFB-106079		
			SAMPLE NO		GW0205			GW0206			GW0207			GW0208			GW0209			GW0210			GW0211			GW0212			GW0213		
			SAMPLE DATE		15-Jul-11			22-Jul-11			25-Jul-11			22-Jul-11			22-Jul-11			29-Sep-11			6-Sep-11			26-Aug-11			22-Jul-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		475-495 ft			500-514 ft			570-584 ft			480-500 ft			480-500 ft			480-500 ft			504-519 ft			573-588 ft			485-504 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	63.3		5	38.9		5	34.3		5	64.4		5	62.6		5	85		5	40.9		5	35.4		5	123		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	0.0508	J	0.1	ND	U	0.1	ND	U	0.1	**2.18**		0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	8.74		5	5.2		5	4.61		5	8.93		5	8.71		5	12.7		5	5.75		5	5.04		5	17.9		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	0.0242		0.015	ND	U	0.015	0.00943		0.015	**0.105**		0.015	**0.104**		0.015	**0.847**		0.015	ND	U	0.015	0.0181		0.015	**2.21**		0.015
	POTASSIUM	N/A	N/A	N/A	3.07	J	5	2.41		5	2.16		5	3.17		5	3.07		5	3.41	J	5	2.24	J	5	2.15	J	5	4.05		5
	SODIUM	N/A	N/A	N/A	30.1		5	22.7		5	22.1		5	29.1		5	28.3		5	33.8		5	23.6		5	23.4		5	44		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	U	0.3	ND	U	0.3	0.638		0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
Method E300.0	CHLORIDE	250	N/A	250	29.9		2.5	9.65		1	7.13		1	24.5		1	24.5		1	15.5	J	20	7.71		1	7.24		1	87.7		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	49.6		2.5	28.4		2.5	26.8		2.5	41.5		2.5	41.5		2.5	21.6	J	40	24.8		2	25.9		2.5	18.4		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.39	0.741		3.7	ND	U	3.45	ND	U	3.7	ND	U	3.7	ND	U	3.45	ND	U	4	ND	U	3.39	ND	U	4
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	135		1	98.4		1	101		1	151		1	141		1	286		1	121		1	100		1	236		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.72			19.60			19.45			19.32			19.32			19.58			20.18			20.27			19.71		
	pH (S.U.)	N/A	N/A	N/A	7.48			7.74			7.82			7.47			7.47			7.17			7.68			7.79			7.06		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	441.5			301.1			1104.0			478.6			478.6			620.8			328.7			254.2			875.2		
	DO (mg/L)	N/A	N/A	N/A	4.67			10.92			14.51			2.98			2.98			1.58			6.41			5.91			0.04		
	ORP (mV)	N/A	N/A	N/A	187			273			311			225			225			139			171			181			-68		
	Turbidity (NTU)	N/A	N/A	N/A	0.51			0.92			0.74			0.91			0.91			3.15			0.40			1.17			1.36		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	171			150			108			164			164			314			124			98			298		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106085			KAFB-106086			KAFB-106087			KAFB-106088		
			SAMPLE NO		GW0214			GW0215			GW0216			GW0217			GW0218			GW0219			GW0220			GW0221			GW0222		
			SAMPLE DATE		22-Jul-11			17-Aug-11			7-Jul-11			7-Jul-11			8-Jul-11			31-Aug-11			31-Aug-11			29-Aug-11			2-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		504-519 ft			575-589 ft			472-492 ft			495-510 ft			566-581 ft			446-476 ft			476-491 ft			546-561 ft			460-480 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	13100	J-	980	ND	U	97.1	3100	J-	93.5	491	J-	92.6	ND	UJ	96.2	ND	UJ	93.5	322	J-	94.3	ND	UJ	96.2	ND	U	111
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	17200	J+	1500	ND	U	150	1010	J-	150	485	J-	150	ND	U	150	89.1	J	150	309		150	ND	U	150	ND	U	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	50	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-TRIMETHYLBENZENE	N/A	N/A	N/A	14.2		50	ND	U	1	20		1	2.46		1	ND	U	1	ND	U	1	1.63		1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	ND	U	50	ND	U	1	**1.4**		1	**0.833**	J	1	ND	U	1	ND	U	1	**0.765**	J	1	ND	U	1	**0.398**	J	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**0.351**	J	0.0281	ND	U	0.0286	**2.52**	J+	0.112	**1.18**	J+	0.0278	ND	U	0.0282	**0.0532**	J	0.0288	**0.75**		0.0286	ND	U	0.0284	**0.578**	J+	0.0282
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	50	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-DICHLOROETHANE	10	N/A	5	ND	U	50	ND	U	1	3.22		1	0.9	J	1	ND	U	1	0.389	J	1	1.29		1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	14.6		50	ND	U	1	7.68		1	2.88		1	ND	U	1	ND	U	1	1		1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	ND	U	500	ND	U	10	7.17	J	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	68.1	J+	250	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	73.4		250	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	277		500	ND	U	10	37		10	6.64	J	10	ND	U	10	4.58	J	10	6.44	J	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	5	**2940**		50	ND	U	1	4.74		1	0.639	J	1	ND	U	1	ND	U	1	0.703	J	1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	100	ND	UJ	2	ND	U	2	ND	U	2	ND	U	2	ND	UJ	2	ND	U	2	ND	U	2	ND	U	2
	CARBON DISULFIDE	N/A	N/A	N/A	75.6		50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.323	J	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	493		50	ND	U	1	0.461	J	1	0.279	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	65.8		50	ND	U	1	2.04		1	3.96		1	ND	U	1	ND	U	1	3.27		1	ND	U	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	ND	U	100	ND	U	2	64.1		2	31.6		2	ND	U	2	ND	U	2	3.38		2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	50	ND	U	1	0.539	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	50	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-PROPYLBENZENE	N/A	N/A	N/A	53.4		50	ND	U	1	0.301	J	1	0.884	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	80.7		50	ND	U	1	3.15		1	0.277	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	50	ND	U	1	4.27		1	2.67		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	0.324	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TOLUENE	750	N/A	750	174		50	ND	U	1	0.329	J	1	0.325	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	100	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	50	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106085			KAFB-106086			KAFB-106087			KAFB-106088		
			SAMPLE NO		GW0214			GW0215			GW0216			GW0217			GW0218			GW0219			GW0220			GW0221			GW0222		
			SAMPLE DATE		22-Jul-11			17-Aug-11			7-Jul-11			7-Jul-11			8-Jul-11			31-Aug-11			31-Aug-11			29-Aug-11			2-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		504-519 ft			575-589 ft			472-492 ft			495-510 ft			566-581 ft			446-476 ft			476-491 ft			546-561 ft			460-480 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	U	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	U	46.3	ND	U	46.3	ND	U	47.2	ND	UJ	46.7	ND	U	47.2	ND	U	48.1	ND	U	50
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	UJ	4.72	ND	UJ	4.81	ND	U	5
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	U	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	U	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	UJ	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	U	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	U	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	ACETOPHENONE	N/A	N/A	N/A	251		25	ND	U	5	3.73	J	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	ATRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	UJ	5
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	UJ	5
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	UJ	46.3	ND	UJ	46.3	ND	U	47.2	ND	U	46.7	ND	U	47.2	ND	U	48.1	ND	U	50
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	U	46.3	ND	U	46.3	ND	U	47.2	ND	U	46.7	ND	U	47.2	ND	U	48.1	ND	U	50
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	UJ	5
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	5	ND	UJ	5	ND	U	4.63	ND	U	4.63	ND	UJ	4.72	ND	UJ	4.67	ND	UJ	4.72	ND	UJ	4.81	ND	UJ	5
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	1.38	J	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	UJ	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	UJ	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	ISOPHORONE	N/A	N/A	N/A	2.52		5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	UJ	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	18.5	ND	U	18.5	ND	U	18.9	ND	UJ	18.7	ND	U	18.9	ND	U	19.2	ND	U	20
	PHENOL	N/A	N/A	5	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	22		5	ND	U	5	1.32	J	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	2-METHYLNAPHTHALENE	N/A	N/A	30	24.5		5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	**116**		50	ND	U	1	1.05		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	4.63	ND	U	4.63	ND	U	4.72	ND	U	4.67	ND	U	4.72	ND	U	4.81	ND	U	5

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106080			KAFB-106081			KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106085			KAFB-106086			KAFB-106087			KAFB-106088		
			SAMPLE NO		GW0214			GW0215			GW0216			GW0217			GW0218			GW0219			GW0220			GW0221			GW0222		
			SAMPLE DATE		22-Jul-11			17-Aug-11			7-Jul-11			7-Jul-11			8-Jul-11			31-Aug-11			31-Aug-11			29-Aug-11			2-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			REG			REG			REG			REG			REG		
			SAMPLE DEPTH		504-519 ft			575-589 ft			472-492 ft			495-510 ft			566-581 ft			446-476 ft			476-491 ft			546-561 ft			460-480 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	158		5	36.2		5	63		5	50		5	33.8		5	68		5	55.4		5	35.1		5	47.6		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	**3.39**		0.1	ND	U	0.1	**0.462**		0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	23.4		5	4.79	J	5	8.85		5	6.78		5	4.43	J	5	9.11		5	7.32		5	4.71	J	5	6.28		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	**3.16**		0.015	**0.0622**		0.015	**0.611**		0.015	0.0118	J	0.015	ND	U	0.015	**0.0951**		0.015	**0.0578**		0.015	ND	U	0.015	0.0192		0.015
	POTASSIUM	N/A	N/A	N/A	4.4		5	2.1	J	5	2.8	J	5	2.46	J	5	2.14	J	5	3.25	J	5	3.01	J	5	2.14	J	5	2.38	J	5
	SODIUM	N/A	N/A	N/A	47.1		5	23.1		5	28		5	24.7		5	21.9		5	29.3		5	27.5		5	21.8		5	25.5		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	117		1	8.1		1	30.7		1	36		1	7.04		1	62.6	J-	2.5	33	J-	2.5	7.06		1	22		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	0.451	J	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	27.8		2.5	27.6		2	54.1		2.5	46.9		2.5	27		2.5	40.9		25	34.8		25	26.2		2.5	32.7		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.7	ND	U	3.39	ND	UJ	3.39	ND	U	3.39	ND	U	3.45	ND	U	4	ND	U	3.39	1	J	3.7	ND	U	3.45
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	325		1	116		1	134		1	97.3		1	98.8		1	118		1	121		1	105		1	131		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.66			19.61			19.51			20.21			20.02			20.11			19.66			20.34			19.20		
	pH (S.U.)	N/A	N/A	N/A	6.93			7.76			NR-EF			NR-EF			7.84			7.51			7.56			7.79			7.78		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	1035.0			385.3			506.3			385.8			285.6			458.6			348.7			290.1			355.3		
	DO (mg/L)	N/A	N/A	N/A	0.06			5.31			0.54			8.53			12.22			2.25			6.20			8.69			8.16		
	ORP (mV)	N/A	N/A	N/A	-59			166			-111			66			195			156			166			322			243		
	Turbidity (NTU)	N/A	N/A	N/A	1.44			0.90			0.62			0.52			0.71			1.43			1.21			1.05			1.05		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	269			91			160			124			131			115			130			100			148		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106088			KAFB-106089			KAFB-106090			KAFB-106091			KAFB-106092			KAFB-106093			KAFB-106094			KAFB-106095			KAFB-106095		
			SAMPLE NO		GW0223			GW0224			GW0225			GW0226			GW0227			GW0228			GW0229			GW0230			GW0231		
			SAMPLE DATE		2-Aug-11			3-Aug-11			1-Aug-11			4-Aug-11			4-Aug-11			3-Aug-11			25-Aug-11			16-Aug-11			16-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		460-480 ft			481-496 ft			555-570 ft			454-474 ft			474-487 ft			544-557 ft			484-504 ft			504-519 ft			504-519 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	111	ND	U	96.2	ND	U	111	1090		100	838		96.2	ND	U	100	7570		500	624		97.1	627		97.1
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	U	150	ND	U	150	ND	U	150	576		150	949		150	ND	U	150	2200	J+	150	278		150	293		150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	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
	1,1,2-TRICHLOROETHANE	100	N/A	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
	1,1-DICHLOROETHANE	25	N/A	25	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
	1,1-DICHLOROETHENE	5	N/A	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
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.863	J	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	**0.397**	J	1	**0.636**	J	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	**1.14**		1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	**0.616**	J+	0.0282	**0.523**	J+	0.0284	ND	U	0.0286	**0.142**	J+	0.0286	**0.47**	J+	0.0284	ND	U	0.0285	**0.745**		0.0286	**0.192**	J+	0.0282	**0.101**	J+	0.0285
	1,2-DICHLOROBENZENE	N/A	N/A	600	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-DICHLOROETHANE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	2.03		1	2.25		1	ND	U	1	1.67		1	1.19		1	1.13		1
	1,2-DICHLOROPROPANE	N/A	N/A	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
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	1.14		1	2.7		1	ND	U	1	1.01		1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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
	1,4-DICHLOROBENZENE	N/A	N/A	75	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
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	5.04	J	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	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
	2-HEXANONE	N/A	N/A	N/A	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
	4-CHLOROTOLUENE	N/A	N/A	N/A	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
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	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
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	9.21	J	10	8.32	J	10	ND	U	10	68.5		10	7.88	J+	10	5.99	J+	10
	BENZENE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.518	J	1	ND	U	1	**44.5**		1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	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
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	6.63		1	4.31		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	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
	BROMOMETHANE	N/A	N/A	N/A	ND	U	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	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
	CARBON TETRACHLORIDE	10	N/A	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
	CHLOROBENZENE	N/A	N/A	100	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
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	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
	CHLOROMETHANE	N/A	N/A	N/A	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
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	2.63		1
	DIBROMOMETHANE	N/A	N/A	N/A	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
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	11		1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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
	ISOPROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	1.15		1	12.5		1	ND	U	1	0.892	J	1	0.444	J	1	0.44	J	1
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	1.77	J	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.274	J	1	ND	U	1	ND	U	1	0.411	J	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	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-PROPYLBENZENE	N/A	N/A	N/A	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
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.356	J	1	ND	U	1	1.46		1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	0.706	J	1	2.86		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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
	STYRENE	N/A	N/A	100	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
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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
	TETRACHLOROETHENE	N/A	N/A	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
	TOLUENE	750	N/A	750	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.299	J	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	TRICHLOROETHENE	N/A	N/A	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
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	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	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106088			KAFB-106089			KAFB-106090			KAFB-106091			KAFB-106092			KAFB-106093			KAFB-106094			KAFB-106095			KAFB-106095		
			SAMPLE NO		GW0223			GW0224			GW0225			GW0226			GW0227			GW0228			GW0229			GW0230			GW0231		
			SAMPLE DATE		2-Aug-11			3-Aug-11			1-Aug-11			4-Aug-11			4-Aug-11			3-Aug-11			25-Aug-11			16-Aug-11			16-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		460-480 ft			481-496 ft			555-570 ft			454-474 ft			474-487 ft			544-557 ft			484-504 ft			504-519 ft			504-519 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	U	50	ND	U	50	ND	U	47.2	ND	U	47.6
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	2-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	12		5	ND	U	4.72	ND	U	4.76
	3-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	4-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	ACETOPHENONE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	84.9		5	ND	U	4.72	ND	U	4.76
	ATRAZINE	N/A	N/A	N/A	ND	UJ	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZALDEHYDE	N/A	N/A	N/A	ND	UJ	4.81	ND	U	5	ND	U	5	ND	U	5	ND	UJ	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZIDINE	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	U	50	ND	U	50	ND	U	47.2	ND	U	47.6
	BENZOIC ACID	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	U	50	ND	U	50	ND	U	47.2	ND	U	47.6
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	4.9	ND	UJ	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	4.9	ND	UJ	5	ND	UJ	5	ND	UJ	4.72	ND	UJ	4.76
	CARBAZOLE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	UJ	5	ND	UJ	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	ISOPHORONE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	3.92	J	5	ND	U	4.72	ND	U	4.76
	NITROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	20	ND	U	20	ND	U	18.9	ND	U	19
	PHENOL	N/A	N/A	5	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	2.79	J	5	ND	U	4.72	ND	U	4.76
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	1.45	J	5	ND	U	4.72	ND	U	4.76
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	CHRYSENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	FLUORENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	5.91		1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76
	PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	5	ND	U	5	ND	U	4.72	ND	U	4.76

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106088			KAFB-106089			KAFB-106090			KAFB-106091			KAFB-106092			KAFB-106093			KAFB-106094			KAFB-106095			KAFB-106095		
			SAMPLE NO		GW0223			GW0224			GW0225			GW0226			GW0227			GW0228			GW0229			GW0230			GW0231		
			SAMPLE DATE		2-Aug-11			3-Aug-11			1-Aug-11			4-Aug-11			4-Aug-11			3-Aug-11			25-Aug-11			16-Aug-11			16-Aug-11		
			SAMPLE PURPOSE		FD			REG			REG			REG			REG			REG			REG			REG			FD		
			SAMPLE DEPTH		460-480 ft			481-496 ft			555-570 ft			454-474 ft			474-487 ft			544-557 ft			484-504 ft			504-519 ft			504-519 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	49.3		5	50.4		5	39		5	61.4		5	58.2		5	36.4		5	66.6		5	52.2		5	51.8		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	**0.724**	J+	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	6.47		5	6.4		5	5		5	7.77		5	7.27		5	4.55	J	5	9.82		5	7.39		5	7.3		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	0.0191		0.015	0.0065	J+	0.015	0.0267	J+	0.015	0.0232	J+	0.015	0.0415	J+	0.015	0.0131	J+	0.015	**0.683**		0.015	**0.206**		0.015	**0.201**		0.015
	POTASSIUM	N/A	N/A	N/A	2.49	J	5	2.83	J+	5	2.51	J+	5	3.42	J+	5	3.34	J+	5	2.5	J+	5	3.21	J	5	2.74	J	5	2.7	J	5
	SODIUM	N/A	N/A	N/A	26.6		5	27.2		5	25.2		5	29.1		5	28.6		5	22.6		5	30.1		5	26		5	25.8		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	U	0.3	ND	UJ	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
Method E300.0	CHLORIDE	250	N/A	250	21.7		1	15.1		1	8.01		1	27		1	29.2		1	7.04		1	39.2		1	17.2		1	17.2		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5
	SULFATE	600	N/A	250	32.6		2.5	31.7		2.5	27.9		2.5	43.8		2.5	46		2.5	27.3		2.5	54.9		2.5	36.3		2	36.3		2
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.39	ND	U	3.7	ND	U	3.7	ND	U	3.39	0.741	J	3.7	0.741	J	3.7	ND	U	3.45	ND	U	3.39	ND	U	3.39
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	129		1	132		1	112		1	131		1	115		1	101		1	134		1	134		1	136		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	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
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.20			19.44			20.07			19.95			19.67			19.99			19.98			20.12			20.12		
	pH (S.U.)	N/A	N/A	N/A	7.78			7.74			7.81			7.65			7.62			7.79			7.50			7.39			7.39		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	355.3			337.2			277.7			391.3			383.0			252.8			515.2			347.2			347.2		
	DO (mg/L)	N/A	N/A	N/A	8.16			9.32			14.17			7.50			8.37			12.99			1.22			5.41			5.41		
	ORP (mV)	N/A	N/A	N/A	243			291			314			312			210			269			-100			131			131		
	Turbidity (NTU)	N/A	N/A	N/A	1.05			0.48			1.79			0.70			1.13			1.12			2.63			1.37			1.37		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	148			158			122			177			123			124			140			151			151		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106096			KAFB-106097			KAFB-106098			KAFB-106099			KAFB-106099			KAFB-106100			KAFB-106101			KAFB-106102			KAFB-106103		
			SAMPLE NO		GW0232			GW0234			GW0235			GW0237			GW0238			GW0239			GW0241			GW0242			GW0244		
			SAMPLE DATE		18-Aug-11			21-Jul-11			21-Jul-11			28-Jul-11			28-Jul-11			26-Jul-11			29-Jul-11			25-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		576-591 ft			506-521 ft			531-546 ft			501-516 ft			501-516 ft			526-541 ft			496-511 ft			521-535 ft			485-500 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
TPH (µg/L)	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	98	ND	U	100	ND	U	100	ND	U	100	ND	U	111	ND	U	100	ND	U	96.2	ND	U	94.3	ND	U	111
Method 8015B	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	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	150
VOCs (µg/L)	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	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
Method 8260B	1,1,1-TRICHLOROETHANE	60	N/A	60	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
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	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
	1,1,2-TRICHLOROETHANE	100	N/A	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
	1,1-DICHLOROETHANE	25	N/A	25	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
	1,1-DICHLOROETHENE	5	N/A	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
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	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
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	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-TRIMETHYLBENZENE	N/A	N/A	N/A	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-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	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, Method 8011)	0.1	N/A	0.05	ND	U	0.0287	ND	U	0.0279	ND	U	0.0281	ND	U	0.0281	ND	U	0.0284	ND	UJ	0.0284	ND	U	0.028	ND	U	0.0296	ND	U	0.0283
	1,2-DICHLOROBENZENE	N/A	N/A	600	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-DICHLOROETHANE	10	N/A	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
	1,2-DICHLOROPROPANE	N/A	N/A	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
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	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
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	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
	1,4-DICHLOROBENZENE	N/A	N/A	75	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
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	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
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	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
	2-HEXANONE	N/A	N/A	N/A	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
	4-CHLOROTOLUENE	N/A	N/A	N/A	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
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	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
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	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
	BROMOBENZENE	N/A	N/A	N/A	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
	BROMOCHLOROMETHANE	N/A	N/A	N/A	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
	BROMODICHLOROMETHANE	N/A	N/A	N/A	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
	BROMOFORM	N/A	N/A	N/A	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
	BROMOMETHANE	N/A	N/A	N/A	ND	U	2	ND	UJ	2	ND	U	2	ND	U	2	ND	U	2	ND	UJ	2	ND	UJ	2	ND	U	2	ND	UJ	2
	CARBON DISULFIDE	N/A	N/A	N/A	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
	CARBON TETRACHLORIDE	10	N/A	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
	CHLOROBENZENE	N/A	N/A	100	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
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	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
	CHLOROMETHANE	N/A	N/A	N/A	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	UJ	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	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
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	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
	DIBROMOMETHANE	N/A	N/A	N/A	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
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	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
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	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
	ISOPROPYLBENZENE	N/A	N/A	N/A	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
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	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
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	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-PROPYLBENZENE	N/A	N/A	N/A	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
	O-XYLENE	620	N/A	10,000	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
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	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
	SEC-BUTYLBENZENE	N/A	N/A	N/A	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
	STYRENE	N/A	N/A	100	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
	TERT-BUTYLBENZENE	N/A	N/A	N/A	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
	TETRACHLOROETHENE	N/A	N/A	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
	TOLUENE	750	N/A	750	ND	U	1	0.436		1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1	0.262	J	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	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
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	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
	TRICHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	0.41		1	0.394		1	0.357		1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	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	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106096			KAFB-106097			KAFB-106098			KAFB-106099			KAFB-106099			KAFB-106100			KAFB-106101			KAFB-106102			KAFB-106103		
			SAMPLE NO		GW0232			GW0234			GW0235			GW0237			GW0238			GW0239			GW0241			GW0242			GW0244		
			SAMPLE DATE		18-Aug-11			21-Jul-11			21-Jul-11			28-Jul-11			28-Jul-11			26-Jul-11			29-Jul-11			25-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		576-591 ft			506-521 ft			531-546 ft			501-516 ft			501-516 ft			526-541 ft			496-511 ft			521-535 ft			485-500 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	U	48.1	ND	U	49
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	3-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	UJ	4.81	ND	U	4.9
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	4-NITROANILINE	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	UJ	20	ND	UJ	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	ACETOPHENONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	ATRAZINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZIDINE	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	U	48.1	ND	U	49
	BENZOIC ACID	N/A	N/A	N/A	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	50	ND	U	49	ND	UJ	48.1	ND	U	49
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	UJ	4.81	ND	U	4.9
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	U	5	1.38	J+	5	1.66	J+	5	ND	UJ	5	ND	UJ	5	ND	UJ	5	1.81	J+	4.9	ND	U	4.81	ND	U	4.9
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	5	ND	UJ	4.9	ND	UJ	4.81	ND	UJ	4.9
	CARBAZOLE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	5	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	5	ND	UJ	5	ND	UJ	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	ISOPHORONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	UJ	4.81	ND	U	4.9
	NITROBENZENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	20	ND	U	19.6	ND	U	19.2	ND	U	19.6
	PHENOL	N/A	N/A	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	CHRYSENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	UJ	4.81	ND	U	4.9
	FLUORANTHENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	FLUORENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	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
	PHENANTHRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9
	PYRENE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	5	ND	U	4.9	ND	U	4.81	ND	U	4.9

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106096			KAFB-106097			KAFB-106098			KAFB-106099			KAFB-106099			KAFB-106100			KAFB-106101			KAFB-106102			KAFB-106103		
			SAMPLE NO		GW0232			GW0234			GW0235			GW0237			GW0238			GW0239			GW0241			GW0242			GW0244		
			SAMPLE DATE		18-Aug-11			21-Jul-11			21-Jul-11			28-Jul-11			28-Jul-11			26-Jul-11			29-Jul-11			25-Jul-11			8-Aug-11		
			SAMPLE PURPOSE		REG			REG			REG			REG			FD			REG			REG			REG			REG		
			SAMPLE DEPTH		576-591 ft			506-521 ft			531-546 ft			501-516 ft			501-516 ft			526-541 ft			496-511 ft			521-535 ft			485-500 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	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	36.3		5	47		5	34.7		5	58.8		5	54.9		5	41.1		5	99.4		5	36.1		5	34.5		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	4.74	J	5	6.37		5	4.64		5	8.23		5	7.7		5	5.81		5	15		5	5.19		5	4.27	J	5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	0.0246		0.015	0.00349		0.015	ND	U	0.015	0.0263		0.015	0.0262		0.015	0.0134		0.015	0.00609		0.015	ND	U	0.015	0.0043	J	0.015
	POTASSIUM	N/A	N/A	N/A	2.14	J	5	2.38		5	2.26		5	3.05		5	2.88		5	2.59		5	3.78		5	2.43		5	2.1	J	5
	SODIUM	N/A	N/A	N/A	23.2		5	23.7		5	20.9		5	26.8		5	25		5	22.5		5	43.2		5	27.2		5	25.2		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	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
Method E300.0	CHLORIDE	250	N/A	250	7.79		1	20.1		1	6.7		1	32.2		1	32.2		1	14.8		1	97.9		2	13.9		1	9.4		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	ND	U	1.5	2.03		1.5	1.99		1.5	0.829		1.5	3.26		1.5	0.768		1.5	ND	U	1.5
	SULFATE	600	N/A	250	27.3		2	45		2.5	26.6		2.5	65.2		2.5	65		2.5	34.6		2.5	154		5	34.8		2.5	27.4		2
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	ND	U	3.39	ND	U	3.45	0.946		3.39	ND	U	3.39	ND	U	3.39	ND	U	3.7	ND	U	3.39	ND	U	3.7	ND	U	3.39
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	106		1	113		1	101		1	76		1	80.6		1	96.1		1	82		1	95.3		1	114		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	8.32		1	ND	U	1	ND	U	1	4.99		1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	20.48			20.00			19.74			20.02			20.02			19.56			19.41			19.72			19.61		
	pH (S.U.)	N/A	N/A	N/A	7.83			7.68			7.80			7.75			7.75			7.81			7.64			7.82			7.86		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	291.5			376.8			277.5			410.7			410.7			313.0			829.9			319.2			259.5		
	DO (mg/L)	N/A	N/A	N/A	8.67			11.24			10.58			10.45			10.45			14.62			10.21			5.79			11.87		
	ORP (mV)	N/A	N/A	N/A	244			272			242			265			265			306			215			170			258		
	Turbidity (NTU)	N/A	N/A	N/A	0.51			1.35			0.97			2.27			2.27			2.14			0.36			0.48			0.90		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	105			117			112			100			100			103			77			118			132		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Me
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106104			KAFB-106104			KAFB3411			ST106-VA2		
			SAMPLE NO		GW0245			GW0246			GW0131			GW0128		
			SAMPLE DATE		5-Aug-11			5-Aug-11			13-Jul-11			6-Jul-11		
			SAMPLE PURPOSE		REG			FD			REG			REG		
			SAMPLE DEPTH		510-525 ft			510-525 ft			477-502 ft			0-0 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
TPH (µg/L) Method 8015B	DIESEL RANGE ORGANICS	N/A	N/A	N/A	ND	U	96.2	ND	U	96.2	ND	UJ	926	ND	UJ	92.6
	GASOLINE RANGE ORGANICS	N/A	N/A	N/A	ND	U	150	ND	U	150	205		150	ND	UJ	150
VOCs (µg/L) Method 8260B	1,1,1,2-TETRACHLOROETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,1-TRICHLOROETHANE	60	N/A	60	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2,2-TETRACHLOROETHANE	10	N/A	10	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1,2-TRICHLOROETHANE	100	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHANE	25	N/A	25	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROETHENE	5	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,1-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,3-TRICHLOROPROPANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2,4-TRICHLOROBENZENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2,4-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMO-3-CHLOROPROPANE	N/A	N/A	0.2	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	1,2-DIBROMOETHANE (EDB)	0.1	N/A	0.05	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DIBROMOETHANE (EDB, Method 8011)	0.1	N/A	0.05	ND	U	0.0283	ND	U	0.0284	ND	U	0.0308	ND	U	0.0277
	1,2-DICHLOROBENZENE	N/A	N/A	600	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROETHANE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,2-DICHLOROPROPANE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3,5-TRIMETHYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,3-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	1,4-DICHLOROBENZENE	N/A	N/A	75	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2,2-DICHLOROPROPANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-BUTANONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	2-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	2-HEXANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	4-CHLOROTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	4-METHYL-2-PENTANONE	N/A	N/A	N/A	ND	U	5	ND	U	5	ND	U	5	ND	U	5
	ACETONE	N/A	N/A	N/A	ND	U	10	ND	U	10	ND	U	10	ND	U	10
	BENZENE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMODICHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOFORM	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	BROMOMETHANE	N/A	N/A	N/A	ND	UJ	2	ND	UJ	2	ND	UJ	2	ND	U	2
	CARBON DISULFIDE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CARBON TETRACHLORIDE	10	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROBENZENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	CHLOROFORM	100	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,2-DICHLOROETHENE	N/A	N/A	70	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	CIS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOCHLOROMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DIBROMOMETHANE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	DICHLORODIFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	ETHYLBENZENE	750	N/A	700	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	ISOPROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	0.96	J	1	ND	U	1
	M,P-XYLENES	620	N/A	10,000	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	METHYL TERT-BUTYL ETHER	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	METHYLENE CHLORIDE	100	N/A	5	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	N-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	N-PROPYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	O-XYLENE	620	N/A	10,000	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	P-ISOPROPYLTOLUENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	SEC-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	STYRENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TERT-BUTYLBENZENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TETRACHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TOLUENE	750	N/A	750	0.36	J	1	0.369	J	1	ND	U	1	ND	U	1
	TRANS-1,2-DICHLOROETHENE	N/A	N/A	100	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRANS-1,3-DICHLOROPROPENE	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROETHENE	N/A	N/A	5	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	TRICHLOROFLUOROMETHANE	N/A	N/A	N/A	ND	U	2	ND	U	2	ND	U	2	ND	U	2
	VINYL CHLORIDE	1	N/A	1	ND	U	1	ND	U	1	ND	U	1	ND	U	1

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106104			KAFB-106104			KAFB3411			ST106-VA2		
			SAMPLE NO		GW0245			GW0246			GW0131			GW0128		
			SAMPLE DATE		5-Aug-11			5-Aug-11			13-Jul-11			6-Jul-11		
			SAMPLE PURPOSE		REG			FD			REG			REG		
			SAMPLE DEPTH		510-525 ft			510-525 ft			477-502 ft			0-0 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
SVOCs (µg/L) Method 8270C	1,1-BIPHENYL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	1,2-DIPHENYLHYDRAZINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	UJ	4.67	ND	U	4.67
	2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	2,4-DICHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	2,4-DIMETHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	UJ	18.7
	2,4-DINITROPHENOL	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	46.7	ND	UJ	46.7
	2,4-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	2,6-DINITROTOLUENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	2-CHLORONAPHTHALENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	2-CHLOROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	2-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	2-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	18.7
	2-NITROPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	3-METHYLPHENOL AND 4-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	3-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	18.7
	4,6-DINITRO-2-METHYLPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	UJ	18.7
	4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	4-CHLOROANILINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	4-NITROANILINE	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	U	18.7
	4-NITROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	UJ	18.7
	ACETOPHENONE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	ATRAZINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
	BENZALDEHYDE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZIDINE	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	46.7	ND	UJ	46.7
	BENZOIC ACID	N/A	N/A	N/A	ND	U	48.1	ND	U	50	ND	U	46.7	ND	U	46.7
	BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BIS(2-CHLOROETHYL)ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BIS(2-CHLOROISOPROPYL)ETHER	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BIS(2-ETHYLHEXYL)PHTHALATE	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	U	4.67
	BUTYL BENZYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	CAPROLACTAM	N/A	N/A	N/A	ND	UJ	4.81	ND	UJ	5	ND	UJ	4.67	ND	UJ	4.67
	CARBAZOLE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DIBENZOFURAN	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DIETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DIMETHYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DI-N-BUTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DI-N-OCTYL PHTHALATE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	HEXACHLOROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	HEXACHLOROBUTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	HEXACHLOROCYCLOPENTADIENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	HEXACHLOROETHANE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	UJ	4.67	ND	U	4.67
	ISOPHORONE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	NITROBENZENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	UJ	4.67	ND	U	4.67
	N-NITROSO-DI-N-PROPYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	N-NITROSODIPHENYLAMINE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	PENTACHLOROPHENOL	N/A	N/A	N/A	ND	U	19.2	ND	U	20	ND	U	18.7	ND	UJ	18.7
	PHENOL	N/A	N/A	5	ND	U	4.81	ND	U	5	ND	U	4.67	ND	UJ	4.67
PAHs (µg/L) Method 8270C	1-METHYL NAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	2-METHYLNAPHTHALENE	N/A	N/A	30	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	ACENAPHTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	ACENAPHTHYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZO(A)PYRENE	0.7	N/A	0.2	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	CHRYSENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	FLUORANTHENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	FLUORENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	NAPHTHALENE (Method 8260B)	N/A	N/A	30	ND	U	1	ND	U	1	ND	U	1	ND	U	1
	PHENANTHRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67
	PYRENE	N/A	N/A	N/A	ND	U	4.81	ND	U	5	ND	U	4.67	ND	U	4.67

Table 5-2
Groundwater Analytical Results, July - September 2011

			LOCATION CODE		KAFB-106104			KAFB-106104			KAFB3411			ST106-VA2		
			SAMPLE NO		GW0245			GW0246			GW0131			GW0128		
			SAMPLE DATE		5-Aug-11			5-Aug-11			13-Jul-11			6-Jul-11		
			SAMPLE PURPOSE		REG			FD			REG			REG		
			SAMPLE DEPTH		510-525 ft			510-525 ft			477-502 ft			0-0 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
PAHs (µg/L)	1-METHYL NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
Method 8270C	2-METHYLNAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
Low detection limit	ACENAPHTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	ACENAPHTHYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	BENZO(A)PYRENE	0.7	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	CHRYSENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	FLUORANTHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	FLUORENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0495	J	0.187
	INDENO(1,2,3-CD)PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	NAPHTHALENE	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	PHENANTHRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
	PYRENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND	U	0.187
Metals (mg/L)	CALCIUM	N/A	N/A	N/A	36.2		5	35.8		5	64.4		5	37.6		5
Method 6010B	IRON, DISSOLVED	1	N/A	0.3	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
	LEAD	0.05	0.01	0.015	ND	U	0.003	ND	U	0.003	ND	U	0.003	ND	U	0.003
	MAGNESIUM	N/A	N/A	N/A	4.5	J	5	4.51	J	5	10		5	7.26		5
	MANGANESE, DISSOLVED	0.2	N/A	0.05	ND	U	0.015	ND	U	0.015	0.0337		0.015	ND	U	0.015
	POTASSIUM	N/A	N/A	N/A	2.3	J	5	2.23	J	5	2.71	J	5	3.37	J	5
	SODIUM	N/A	N/A	N/A	26		5	25.6		5	28		5	22.9		5
Anions (mg/L)	AMMONIA (AS N) (Meth. SM4500NH3BG)	N/A	N/A	N/A	ND	U	0.3	ND	U	0.3	ND	U	0.3	ND	U	0.3
Method E300.0	CHLORIDE	250	N/A	250	7.55		1	7.55		1	28.6		1	29.4		1
	NITROGEN, NITRATE-NITRITE (Method E353.2)	N/A	4	N/A	ND	U	1.5	ND	U	1.5	0.313	J	1.5	ND	U	1.5
	SULFATE	600	N/A	250	27.2		1	27.2		1	30		2.5	24.8		2.5
	SULFIDE, TOTAL (Method 4500SC2F)	N/A	N/A	N/A	0.741	J	3.7	ND	U	3.45	ND	U	3.39	ND	U	3.7
Alkalinity (mg/L)	ALKALINITY, BICARBONATE (AS CACO3)	N/A	N/A	N/A	108		1	107		1	191		1	91.2		1
Method SM2320B	ALKALINITY, CARBONATE (AS CACO3)	N/A	N/A	N/A	ND	U	1	ND	U	1	ND	U	1	ND	U	1
Field Parameters	Temperature (°C)	N/A	N/A	N/A	19.70			19.70			20.49			22.23		
	pH (S.U.)	N/A	N/A	N/A	7.76			7.76			7.38			7.80		
	Spec Cond (µS/cm2)	N/A	N/A	N/A	265.6			265.6			531.5			357.1		
	DO (mg/L)	N/A	N/A	N/A	11.54			11.54			0.93			6.00		
	ORP (mV)	N/A	N/A	N/A	271			271			39			192		
	Turbidity (NTU)	N/A	N/A	N/A	1.58			1.58			0.37			0.87		
	Alkalinity (mg/L as CaCO3)	N/A	N/A	N/A	111			111			188			110		

The NMWQCC standard and EPA MCL for m,p- xylene and o-xylene is for total xylenes.
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. Conc
c EPA National Primary Drinking Water Standards - Maximum Contaminant Levels (MCLs), or if more stringent, New Mex
d The WQCC regulation for PAHs of 30 ug/L is a total of the concentrations of naphthalene, 1-methylnaphthalene, and 2-
Shading indicates the analyte was detected.
Bold indicated analyte detected greater than regulatory standard
J = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL).
J+ = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high
J- = estimated value, concentration is less than RL but greater than laboratory method detection limit (MDL); biased high.
U = Analyte was not detected. The reported numerical value is at or below the RL .
UJ = Analyte was *tentatively* not detected. The reported numerical value is at or below the RL.
N/A = Not applicable
ND = Not detected
NM = Not measured due to equipment malfunction.
NR = Not recorded or reported due to operational error
NR-EF = Not recorded due to equipment malfunction or failure
Blank cell = No results or no data

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Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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, static	7/1/2011			544.00		4815.75	4815.75	4815.75		Yes
KAFB-3	Regional, pumping	7/1/2011			552.00		4807.75	4807.75	4807.75		Yes
KAFB-3	Regional, static	8/1/2011			544.00		4815.75	4815.75	4815.75		Yes
KAFB-3	Regional, pumping	8/1/2011			552.00		4807.75	4807.75	4807.75		Yes
KAFB-0118		9/26/2011	756		461.44		4859.31	4859.31	4859.31		Yes
KAFB-0119		9/26/2011	803		457.01		4858.81	4858.81	4858.81		Yes
KAFB-0121		9/26/2011	814		448.52		4856.41	4856.41	4856.41		Yes
KAFB-15	Regional, static	7/1/2011			483.00		4856.24	4856.24	4856.24		Yes
KAFB-15	Regional, pumping	7/1/2011			508.00		4831.24	4831.24	4831.24		Yes
KAFB-15	Regional, static	8/1/2011			483.00		4856.24	4856.24	4856.24		Yes
KAFB-15	Regional, pumping	8/1/2011			508.00		4831.24	4831.24	4831.24		Yes
KAFB-16	Regional, static	7/1/2011			518.00		4852.48	4852.48	4852.48		Yes
KAFB-16	Regional, pumping	7/1/2011			536.00		4834.48	4834.48	4834.48		Yes
KAFB-16	Regional, static	8/1/2011			520.00		4850.48	4850.48	4850.48		Yes
KAFB-16	Regional, pumping	8/1/2011			541.00		4829.48	4829.48	4829.48		Yes
KAFB-3411	Shallow	7/27/2011	1047		486.47		4857.19	4857.19	4857.19		Yes
KAFB-3411	Shallow	8/30/2011	1440		486.78		4856.88	4856.88	4856.88		Yes
KAFB-3411	Shallow	9/29/2011	1018		487.16		4856.50	4856.50	4856.50		Yes
KAFB-0510-MW		9/26/2011	729		515.18		4747.00	4747.00	4747.00		Yes
KAFB-1061	Shallow	7/27/2011	1424		488.04		4856.95	4856.95	4856.95		Yes
KAFB-1061	Shallow	8/31/2011	818		488.54		4856.45	4856.45	4856.45		Yes
KAFB-1061	Shallow	9/29/2011	830		488.92		4856.07	4856.07	4856.07		Yes
KAFB-1062	Shallow	7/28/2011	950		485.30		4856.95	4856.95	4856.95		Yes
KAFB-1062	Shallow	8/31/2011	1101		485.79		4856.46	4856.46	4856.46		Yes
KAFB-1062	Shallow	9/29/2011	1457		486.08		4856.17	4856.17	4856.17		Yes
KAFB-1063	Shallow	7/28/2011	1003		483.04		4857.18	4857.18	4857.18		Yes
KAFB-1063	Shallow	8/31/2011	1125		483.58		4856.64	4856.64	4856.64		Yes
KAFB-1063	Shallow	9/29/2011	1440		483.73		4856.49	4856.49	4856.49		Yes
KAFB-1064	Shallow	7/28/2011	950		489.26		4856.52	4856.52	4856.52		Yes
KAFB-1064	Shallow	8/30/2011	932		489.60		4856.18	4856.18	4856.18		Yes
KAFB-1064	Shallow	9/27/2011	1343		489.84		4855.94	4855.94	4855.94		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-1065	Shallow	7/28/2011	1450		490.04		4856.99	4856.99	4856.99		Yes
KAFB-1065	Shallow	8/31/2011	1225		490.58		4856.45	4856.45	4856.45		Yes
KAFB-1065	Shallow	9/29/2011	1250	490.17	491.03	0.86	4856.86	4856.00	4856.72	4856.86	Yes
KAFB-1066	Shallow	7/28/2011	1504	494.1	494.95	0.85	4857.50	4856.65	4857.36	4857.50	Yes
KAFB-1066	Shallow	8/31/2011	1215	494.58	495.67	1.09	4857.02	4855.93	4856.85	4857.02	Yes
KAFB-1066	Shallow	9/29/2011	1544	495.11	495.91	0.8	4856.49	4855.69	4856.36	4856.49	Yes
KAFB-1067	Shallow	7/27/2011	1515		492.24		4857.33	4857.33	4857.33		Yes
KAFB-1067	Shallow	8/30/2011	1308		492.63		4856.94	4856.94	4856.94		Yes
KAFB-1067	Shallow	9/29/2011	843		493.06		4856.51	4856.51	4856.51		Yes
KAFB-1068	Shallow	7/28/2011	1433	494.69	494.86	0.17	4857.21	4857.04	4857.18	4857.21	Yes
KAFB-1068	Shallow	8/31/2011	1237	495.21	495.26	0.05	4856.69	4856.64	4856.68	4856.69	Yes
KAFB-1068	Shallow	9/29/2011	1519	495.61	496.26	0.65	4856.29	4855.64	4856.19	4856.29	Yes
KAFB-1069	Shallow	7/27/2011	1537		488.18		4856.70	4856.70	4856.70		Yes
KAFB-1069	Shallow	8/31/2011	1048	486.62	489.04	2.42	4858.26	4855.84	4857.87	4858.26	Yes
KAFB-1069	Shallow	9/29/2011	1245	488.97	489.3	0.33	4855.91	4855.58	4855.86	4855.91	Yes
KAFB-10610	Shallow	7/28/2011	821		487.35		4855.94	4855.94	4855.94		Yes
KAFB-10610	Shallow	8/31/2011	1048		487.77		4855.52	4855.52	4855.52		Yes
KAFB-10610	Shallow	9/27/2011	957		488.22		4855.07	4855.07	4855.07		Yes
KAFB-10611	Shallow	7/27/2011	1428		496.63		4856.56	4856.56	4856.56		Yes
KAFB-10611	Shallow	8/30/2011	1003		492.79		4860.40	4860.40	4860.40		Yes
KAFB-10611	Shallow	9/29/2011	1140		497.40		4855.79	4855.79	4855.79		Yes
KAFB-10612	Shallow	7/28/2011	940		489.5		4855.90	4855.90	4855.90		Yes
KAFB-10612	Shallow	8/31/2011	1113		490.02		4855.38	4855.38	4855.38		Yes
KAFB-10612	Shallow	9/29/2011	1507		490.28		4855.12	4855.12	4855.12		Yes
KAFB-10613	Shallow	7/28/2011	1045		494.1		4856.64	4856.64	4856.64		Yes
KAFB-10613	Shallow	9/27/2011	1307		495.39		4855.35	4855.35	4855.35		Yes
KAFB-10614	Shallow	7/27/2011	1401		493.72		4856.57	4856.57	4856.57		Yes
KAFB-10614	Shallow	8/31/2011	1011		493.2		4857.09	4857.09	4857.09		Yes
KAFB-10614	Shallow	9/29/2011	1149		494.53		4855.76	4855.76	4855.76		Yes
KAFB-10615	Shallow	7/27/2011	1455		488.8		4853.78	4853.78	4853.78		Yes
KAFB-10615	Shallow	8/30/2011	1625		489.65		4852.93	4852.93	4852.93		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-10615	Shallow	9/29/2011	1123		490.43		4852.15	4852.15	4852.15		Yes
KAFB-10616	Shallow	7/27/2011	1028		484.94		4857.57	4857.57	4857.57		Yes
KAFB-10616	Shallow	8/30/2011	1425		485.3		4857.21	4857.21	4857.21		Yes
KAFB-10616	Shallow	9/29/2011	1030		485.55		4856.96	4856.96	4856.96		Yes
KAFB-10617	Shallow	7/27/2011	1100		487.06		4855.46	4855.46	4855.46		Yes
KAFB-10617	Shallow	8/31/2011	900		487.64		4854.88	4854.88	4854.88		Yes
KAFB-10617	Shallow	9/27/2011	1151		488.14		4854.38	4854.38	4854.38		Yes
KAFB-10618	Shallow	7/27/2011	805		480.75		4855.53	4855.53	4855.53		Yes
KAFB-10618	Shallow	8/30/2011	1537		481		4855.28	4855.28	4855.28		Yes
KAFB-10618	Shallow	9/27/2011	1242		481.63		4854.65	4854.65	4854.65		Yes
KAFB-10619	Shallow	7/27/2011	1132		498.97		4855.66	4855.66	4855.66		Yes
KAFB-10619	Shallow	8/30/2011	1509		499.38		4855.25	4855.25	4855.25		Yes
KAFB-10619	Shallow	9/27/2011	1255		499.86		4854.77	4854.77	4854.77		Yes
KAFB-10620	Shallow	7/28/2011	920		485.31		4855.77	4855.77	4855.77		Yes
KAFB-10620	Shallow	8/30/2011	1010		485.78		4855.30	4855.30	4855.30		Yes
KAFB-10620	Shallow	9/27/2011	1420		486.10		4854.98	4854.98	4854.98		Yes
KAFB-10621	Shallow	7/27/2011	1544		458.99		4855.41	4855.41	4855.41		Yes
KAFB-10621	Shallow	8/31/2011	830		459.74		4854.66	4854.66	4854.66		Yes
KAFB-10621	Shallow	9/27/2011	835		460.15		4854.25	4854.25	4854.25		Yes
KAFB-10622	Shallow	7/27/2011	1311		463.3		4854.71	4854.71	4854.71		Yes
KAFB-10622	Shallow	8/30/2011	1213		464.02		4853.99	4853.99	4853.99		Yes
KAFB-10622	Shallow	9/27/2011	1333		464.59		4853.42	4853.42	4853.42		Yes
KAFB-10623	Shallow	7/27/2011	1358		473.52		4855.29	4855.29	4855.29		Yes
KAFB-10623	Shallow	8/30/2011	1340		474.21		4854.60	4854.60	4854.60		Yes
KAFB-10623	Shallow	9/26/2011	1429		474.66		4854.15	4854.15	4854.15		Yes
KAFB-10624	Shallow	7/27/2011	1413		486.3		4857.17	4857.17	4857.17		Yes
KAFB-10624	Shallow	8/31/2011	827		486.79		4856.68	4856.68	4856.68		Yes
KAFB-10624	Shallow	9/29/2011	1532		487.12		4856.35	4856.35	4856.35		Yes
KAFB-10625	Shallow	7/27/2011	950		462.96		4854.34	4854.34	4854.34		Yes
KAFB-10625	Shallow	8/30/2011	936		463.2		4854.10	4854.10	4854.10		Yes
KAFB-10625	Shallow	9/26/2011	1152		464.17		4853.13	4853.13	4853.13		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-10626	Shallow	7/27/2011	828		469.51		4853.16	4853.16	4853.16		Yes
KAFB-10626	Shallow	8/30/2011	846		470.54		4852.13	4852.13	4852.13		Yes
KAFB-10626	Shallow	9/26/2011	930		471.20		4851.47	4851.47	4851.47		Yes
KAFB-10627	Shallow	7/27/2011	1012		490.54		4858.00	4858.00	4858.00		Yes
KAFB-10627	Shallow	8/30/2011	1349		490.88		4857.66	4857.66	4857.66		Yes
KAFB-10627	Shallow	9/29/2011	1005		491.14		4857.40	4857.40	4857.40		Yes
KAFB-10628-510	Shallow	7/28/2011	930		492.65		4856.41	4856.41	4856.41		Yes
KAFB-10628-510	Shallow	8/31/2011	1120	493.03	493.23	0.20	4856.03	4855.83	4856.00	4856.03	Yes
KAFB-10628-510	Shallow	9/27/2011	1511	493.42	493.46	0.04	4855.64	4855.6	4855.63	4855.64	Yes
KAFB-106029	Shallow	7/27/2011	1224		456.04		4854.92	4854.92	4854.92		Yes
KAFB-106029	Shallow	8/30/2011	1101		456.73		4854.23	4854.23	4854.23		Yes
KAFB-106029	Shallow	9/27/2011	912		457.38		4853.58	4853.58	4853.58		Yes
KAFB-106030	Intermediate	7/27/2011	1238		456.16		4854.86	4854.86	4854.86		Yes
KAFB-106030	Intermediate	8/30/2011	1111		456.86		4854.16	4854.16	4854.16		Yes
KAFB-106030	Intermediate	9/27/2011	924		457.51		4853.51	4853.51	4853.51		Yes
KAFB-106031	Deep	7/27/2011	1254		456.23		4854.83	4854.83	4854.83		Yes
KAFB-106031	Deep	8/30/2011	1121		456.94		4854.12	4854.12	4854.12		Yes
KAFB-106031	Deep	9/27/2011	935		457.62		4853.44	4853.44	4853.44		Yes
KAFB-106032	Shallow	7/27/2011	1559		461.89		4855.71	4855.71	4855.71		Yes
KAFB-106032	Shallow	8/30/2011	1551		462.41		4855.19	4855.19	4855.19		Yes
KAFB-106032	Shallow	9/27/2011	800		463.05		4854.55	4854.55	4854.55		Yes
KAFB-106033	Intermediate	7/27/2011	1610		462.94		4854.90	4854.90	4854.90		Yes
KAFB-106033	Intermediate	8/30/2011	1555		462.58		4855.26	4855.26	4855.26		Yes
KAFB-106033	Intermediate	9/27/2011	813		463.23		4854.61	4854.61	4854.61		Yes
KAFB-106034	Deep	7/27/2011	1622		462.1		4856.54	4856.54	4856.54		Yes
KAFB-106034	Deep	8/30/2011	1543		463.42		4855.22	4855.22	4855.22		Yes
KAFB-106034	Deep	9/27/2011	825		464.09		4854.55	4854.55	4854.55		Yes
KAFB-106035	Shallow	8/30/2011	1247		467.62		4854.02	4854.02	4854.02		Yes
KAFB-106035	Shallow	9/26/2011	1628		468.05		4853.59	4853.59	4853.59		Yes
KAFB-106036	Intermediate	8/30/2011	1237		467.92		4854.06	4854.06	4854.06		Yes
KAFB-106036	Intermediate	9/26/2011	1650		468.39		4853.59	4853.59	4853.59		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-106037	Deep	8/30/2011	1229		468.19		4853.97	4853.97	4853.97		Yes
KAFB-106037	Deep	9/26/2011	1640		468.65		4853.51	4853.51	4853.51		Yes
KAFB-106038	Shallow	8/31/2011	959		496.7		4854.95	4854.95	4854.95		Yes
KAFB-106039	Intermediate	8/31/2011	1015		496.53		4854.81	4854.81	4854.81		Yes
KAFB-106039	Intermediate	9/27/2011	1129		496.07		4855.27	4855.27	4855.27		Yes
KAFB-106040	Deep	8/31/2011	1004		495.42		4854.87	4854.87	4854.87		Yes
KAFB-106040	Deep	9/27/2011	1140		495.99		4854.30	4854.30	4854.30		Yes
KAFB-106042	Shallow	7/27/2011	839		470.33		4853.81	4853.81	4853.81		Yes
KAFB-106042	Shallow	8/30/2011	825		471.2		4852.94	4852.94	4852.94		Yes
KAFB-106042	Shallow	9/26/2011	953		471.85		4852.29	4852.29	4852.29		Yes
KAFB-106043	Deep	7/27/2011	854		470.59		4853.79	4853.79	4853.79		Yes
KAFB-106043	Deep	8/30/2011	836		471.45		4852.93	4852.93	4852.93		Yes
KAFB-106043	Deep	9/26/2011	934		472.10		4852.28	4852.28	4852.28		Yes
KAFB-106044	Intermediate	7/27/2011	819		490.73		4858.11	4858.11	4858.11		Yes
KAFB-106044	Intermediate	8/30/2011	1402		490.99		4857.85	4857.85	4857.85		Yes
KAFB-106044	Intermediate	9/29/2011	952		491.32		4857.52	4857.52	4857.52		Yes
KAFB-106045	Deep	7/27/2011	959		490.42		4858.06	4858.06	4858.06		Yes
KAFB-106045	Deep	8/30/2011	1414		490.7		4857.78	4857.78	4857.78		Yes
KAFB-106045	Deep	9/29/2011	935		491.05		4857.43	4857.43	4857.43		Yes
KAFB-106046	Shallow	7/28/2011	851		496.13		4856.79	4856.79	4856.79		Yes
KAFB-106046	Shallow	8/31/2011	901		496.64		4856.28	4856.28	4856.28		Yes
KAFB-106046	Shallow	9/29/2011	1342		496.91		4856.01	4856.01	4856.01		Yes
KAFB-106047	Intermediate	7/28/2011	841		496.41		4856.41	4856.41	4856.41		Yes
KAFB-106047	Intermediate	8/31/2011	911		496.89		4855.93	4855.93	4855.93		Yes
KAFB-106047	Intermediate	9/29/2011	1320		497.16		4855.66	4855.66	4855.66		Yes
KAFB-106048	Deep	7/28/2011	830		496.05		4856.54	4856.54	4856.54		Yes
KAFB-106048	Deep	8/31/2011	919		496.52		4856.07	4856.07	4856.07		Yes
KAFB-106048	Deep	9/29/2011	1323		496.92		4855.67	4855.67	4855.67		Yes
KAFB-106049	Shallow	7/27/2011	937		461.74		4854.41	4854.41	4854.41		Yes
KAFB-106049	Shallow	8/30/2011	1042		462.63		4853.52	4853.52	4853.52		Yes
KAFB-106049	Shallow	9/26/2011	1115		463.22		4852.93	4852.93	4852.93		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-106050	Intermediate	7/27/2011	949		461.25		4854.33	4854.33	4854.33		Yes
KAFB-106050	Intermediate	8/30/2011	1027		461.95		4853.63	4853.63	4853.63		Yes
KAFB-106050	Intermediate	9/26/2011	1127		462.54		4853.04	4853.04	4853.04		Yes
KAFB-106051	Deep	7/27/2011	1001		461.52		4854.36	4854.36	4854.36		Yes
KAFB-106051	Deep	8/30/2011	1033		462.22		4853.66	4853.66	4853.66		Yes
KAFB-106051	Deep	9/26/2011	1139		462.78		4853.10	4853.10	4853.10		Yes
KAFB-106052	Shallow	7/27/2011	922		464.79		4854.15	4854.15	4854.15		Yes
KAFB-106052	Shallow	8/30/2011	913		465.56		4853.38	4853.38	4853.38		Yes
KAFB-106052	Shallow	9/26/2011	1041		466.15		4852.79	4852.79	4852.79		Yes
KAFB-106053	Intermediate	7/27/2011	915		464.73		4853.98	4853.98	4853.98		Yes
KAFB-106053	Intermediate	8/30/2011	903		465.5		4853.21	4853.21	4853.21		Yes
KAFB-106053	Intermediate	9/26/2011	1052		466.09		4852.62	4852.62	4852.62		Yes
KAFB-106054	Deep	7/27/2011	908		464.45		4853.98	4853.98	4853.98		Yes
KAFB-106054	Deep	8/30/2011	858		465.26		4853.17	4853.17	4853.17		Yes
KAFB-106054	Deep	9/26/2011	1103		465.83		4852.60	4852.60	4852.60		Yes
KAFB-106055	Shallow	7/27/2011	1037		471.03		4854.13	4854.13	4854.13		Yes
KAFB-106055	Shallow	8/30/2011	804		471.83		4853.33	4853.33	4853.33		Yes
KAFB-106055	Shallow	9/26/2011	1205		472.41		4852.75	4852.75	4852.75		Yes
KAFB-106057	Intermediate	7/27/2011	1028		471.39		4854.14	4854.14	4854.14		Yes
KAFB-106057	Intermediate	8/30/2011	800		472.23		4853.30	4853.30	4853.30		Yes
KAFB-106057	Intermediate	9/26/2011	1217		472.80		4852.73	4852.73	4852.73		Yes
KAFB-106058	Deep	7/27/2011	1014		471.95		4854.15	4854.15	4854.15		Yes
KAFB-106058	Deep	8/30/2011	815		472.79		4853.31	4853.31	4853.31		Yes
KAFB-106058	Deep	9/26/2011	1231		472.67		4853.43	4853.43	4853.43		Yes
KAFB-106059	Shallow	7/27/2011	1141		487.81		4856.99	4856.99	4856.99		Yes
KAFB-106059	Shallow	8/31/2011	835	488.08	489.33	1.25	4856.72	4855.47	4856.52	4856.72	Yes
KAFB-106059	Shallow	9/29/2011	908	488.54	489.69	1.15	4856.26	4855.11	4856.08	4856.26	Yes
KAFB-106060	Intermediate	7/27/2011	1127		488.58		4856.76	4856.76	4856.76		Yes
KAFB-106060	Intermediate	8/31/2011	842		489.03		4856.31	4856.31	4856.31		Yes
KAFB-106060	Intermediate	9/29/2011	902		488.41		4856.93	4856.93	4856.93		Yes
KAFB-106061	Deep	7/27/2011	1113		488.34		4856.89	4856.89	4856.89		Yes

Table 5-3. Groundwater and NAPL Depths and Elevations
July-September 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-106061	Deep	8/31/2011	849		488.79		4856.44	4856.44	4856.44		Yes
KAFB-106061	Deep	9/29/2011	852		489.22		4856.01	4856.01	4856.01		Yes
KAFB-106062	Deep	7/28/2011	915		494.65		4856.56	4856.56	4856.56		Yes
KAFB-106062	Deep	8/31/2011	932		495.25		4855.96	4855.96	4855.96		Yes
KAFB-106062	Deep	9/29/2011	1354		495.38		4855.83	4855.83	4855.83		Yes
KAFB-106063	Intermediate	7/28/2011	905		495.2		4856.68	4856.68	4856.68		Yes
KAFB-106063	Intermediate	8/31/2011	941		495.68		4856.20	4856.20	4856.20		Yes
KAFB-106063	Intermediate	9/29/2011	1402		495.94		4855.94	4855.94	4855.94		Yes

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Table 5-4. EDB Data Used in Plume Analysis

LOCATION CODE	LOCATION ID	EASTING	NORTHING	GROUND ELEVATION	AQUIFER	LAB METHOD	PARAMETER	RESULT	VALIDATION QUALIFIER	QUALIFIER	SAMPLE NO	CASNO	RESULT TYPE
KAFB-106031	KAFB-106031	1542388.114	1477132.355	5311.015	Deep	SW8011	1,2-Dibromoethane	0.0282	U	U	GW0159	106-93-4	TRG
KAFB-106034	KAFB-106034	1541580.023	1476152.015	5318.58	Deep	SW8011	1,2-Dibromoethane	0.0319	J+	XQ	GW0162	106-93-4	TRG
KAFB-106037	KAFB-106037	1543685.531	1476440.703	5321.95	Deep	SW8011	1,2-Dibromoethane	0.588	J+	PQX	GW0165	106-93-4	TRG
KAFB-106040	KAFB-106040	1543322.36	1475087.887	5347.2	Deep	SW8011	1,2-Dibromoethane	0.0425		XQ	GW0168	106-93-4	TRG
KAFB-106043	KAFB-106043	1543616.108	1477951.991	5324.37	Deep	SW8011	1,2-Dibromoethane	0.0313	U	QU	GW0172	106-93-4	TRG
KAFB-106045	KAFB-106045	1541417.961	1472400.649	5345.32	Deep	SW8011	1,2-Dibromoethane	0.0282	UJ	XQUH1	GW0175	106-93-4	TRG
KAFB-106048	KAFB-106048	1542804.553	1473620.546	5352.59	Deep	SW8011	1,2-Dibromoethane	0.028	U	U	GW0178	106-93-4	TRG
KAFB-106051	KAFB-106051	1542708.242	1477727.067	5315.82	Deep	SW8011	1,2-Dibromoethane	0.0285	U	U	GW0182	106-93-4	TRG
KAFB-106054	KAFB-106054	1543039.629	1477778.951	5318.46	Deep	SW8011	1,2-Dibromoethane	0.0285	U	U	GW0185	106-93-4	TRG
KAFB-106058	KAFB-106058	1543818.381	1477291.916	5326.09	Deep	SW8011	1,2-Dibromoethane	0.713	J	P	GW0188	106-93-4	TRG
KAFB-106061	KAFB-106061	1541758.464	1473682.368	5344.97	Deep	SW8011	1,2-Dibromoethane	0.0286	U	XU	GW0191	106-93-4	TRG
KAFB-106062	KAFB-106062	1542384.972	1473789.189	5348.1	Deep	SW8011	1,2-Dibromoethane	0.0279	U	XU	GW0192	106-93-4	TRG
KAFB-106066	KAFB-106066	1542329.234	1474375.417	5349.06	Deep	SW8011	1,2-Dibromoethane	0.0283	U	XU	GW0198	106-93-4	TRG
KAFB-106068	KAFB-106068	1542717.547	1474727.021	5347.19	Deep	SW8011	1,2-Dibromoethane	0.032	U	QU	GW0201	106-93-4	TRG
KAFB-106071	KAFB-106071	1542895.608	1475834.167	5320.795	Deep	SW8011	1,2-Dibromoethane	0.0301	U	QU	GW0204	106-93-4	TRG
KAFB-106074	KAFB-106074	1542169.663	1475243.539	5340.595	Deep	SW8011	1,2-Dibromoethane	0.0284	U	U	GW0207	106-93-4	TRG
KAFB-106078	KAFB-106078	1541775.226	1473218.095	5344.63	Deep	SW8011	1,2-Dibromoethane	0.0287	U	U	GW0212	106-93-4	TRG
KAFB-106081	KAFB-106081	1542190.575	1474076.871	5346.39	Deep	SW8011	1,2-Dibromoethane	0.0286	U	XU	GW0215	106-93-4	TRG
KAFB-106084	KAFB-106084	1542558.352	1475358.096	5334.03	Deep	SW8011	1,2-Dibromoethane	0.0282	U	XU	GW0218	106-93-4	TRG
KAFB-106087	KAFB-106087	1542551.206	1476002.267	5316.99	Deep	SW8011	1,2-Dibromoethane	0.0343	U	UY	GW0221	106-93-4	TRG
KAFB-106090	KAFB-106090	1543216.287	1475823.539	5322.905	Deep	SW8011	1,2-Dibromoethane	0.0286	U	XU	GW0225	106-93-4	TRG
KAFB-106093	KAFB-106093	1543042.376	1476828.177	5314.43	Deep	SW8011	1,2-Dibromoethane	0.0285	U	XQU	GW0228	106-93-4	TRG
KAFB-106096	KAFB-106096	1542080.535	1474708.51	5345.28	Deep	SW8011	1,2-Dibromoethane	0.0287	U	XU	GW0232	106-93-4	TRG
KAFB-106098	KAFB-106098	1541702.87	1474763.789	5347.98	Deep	SW8011	1,2-Dibromoethane	0.0281	U	U	GW0235	106-93-4	TRG
KAFB-106100	KAFB-106100	1541027.971	1474326.517	5342.75	Deep	SW8011	1,2-Dibromoethane	0.0284	UJ	XQUH1	GW0239	106-93-4	TRG
KAFB-106102	KAFB-106102	1540402.124	1474038.664	5337.4	Deep	SW8011	1,2-Dibromoethane	0.0296	U	U	GW0242	106-93-4	TRG
KAFB-106104	KAFB-106104	1543662.443	1475703.323	5328.09	Deep	SW8011	1,2-Dibromoethane	0.0283	U	XQU	GW0245	106-93-4	TRG
KAFB-106030	KAFB-106030	1542387.644	1477103.652	5310.96	Intermediate	SW8011	1,2-Dibromoethane	0.0289	U	U	GW0158	106-93-4	TRG
KAFB-106033	KAFB-106033	1541562.353	1476182.845	5317.75	Intermediate	SW8011	1,2-Dibromoethane	0.0284	U	U	GW0161	106-93-4	TRG
KAFB-106036	KAFB-106036	1543660.15	1476441.084	5321.87	Intermediate	SW8011	1,2-Dibromoethane	0.45	J+	PXQ	GW0164	106-93-4	TRG
KAFB-106039	KAFB-106039	1543339.758	1475066.184	5348.3	Intermediate	SW8011	1,2-Dibromoethane	0.0279	U	YU	GW0167	106-93-4	TRG
KAFB-106044	KAFB-106044	1541447.86	1472371.986	5345.67	Intermediate	SW8011	1,2-Dibromoethane	0.0284	UJ	XQUH1	GW0174	106-93-4	TRG
KAFB-106047	KAFB-106047	1542779.194	1473602.059	5352.78	Intermediate	SW8011	1,2-Dibromoethane	0.0283	U	U	GW0177	106-93-4	TRG
KAFB-106050	KAFB-106050	1542708.503	1477761.665	5315.69	Intermediate	SW8011	1,2-Dibromoethane	0.0282	U	U	GW0180	106-93-4	TRG
KAFB-106053	KAFB-106053	1543038.231	1477700.797	5318.74	Intermediate	SW8011	1,2-Dibromoethane	0.0282	U	U	GW0184	106-93-4	TRG
KAFB-106057	KAFB-106057	1543786.192	1477301.35	5325.47	Intermediate	SW8260B	1,2-Dibromoethane (EDB)	1.42			GW0187	106-93-4	TRG
KAFB-106060	KAFB-106060	1541743.263	1473661.596	5345.21	Intermediate	SW8011	1,2-Dibromoethane	0.0107	J	MPQJH1	GW0190	106-93-4	TRG
KAFB-106063	KAFB-106063	1542371.243	1473763.872	5348.5	Intermediate	SW8011	1,2-Dibromoethane	0.067			GW0194	106-93-4	TRG
KAFB-106065	KAFB-106065	1542287.644	1474324.697	5348.68	Intermediate	SW8011	1,2-Dibromoethane	2.19	J+	XP	GW0197	106-93-4	TRG
KAFB-106069	KAFB-106069	1542719.863	1474700.277	5347.2	Intermediate	SW8011	1,2-Dibromoethane	0.245	J+	Q	GW0202	106-93-4	TRG
KAFB-106072	KAFB-106072	1542890.785	1475908.889	5319.315	Intermediate	SW8260B	1,2-Dibromoethane (EDB)	1.04			GW0205	106-93-4	TRG
KAFB-106073	KAFB-106073	1542192.811	1475261.557	5339.69	Intermediate	SW8011	1,2-Dibromoethane	0.0302		Y	GW0206	106-93-4	TRG
KAFB-106077	KAFB-106077	1541790.459	1473203.057	5344.74	Intermediate	SW8011	1,2-Dibromoethane	0.0665	J+	XQ P	GW0211	106-93-4	TRG
KAFB-106080	KAFB-106080	1542217.403	1474030.316	5345.54	Intermediate	SW8011	1,2-Dibromoethane	0.351	J	P	GW0214	106-93-4	TRG
KAFB-106083	KAFB-106083	1542525.964	1475340.93	5334.51	Intermediate	SW8011	1,2-Dibromoethane	1.18	J+	XE	GW0217	106-93-4	TRG
KAFB-106086	KAFB-106086	1542551.828	1475969.463	5317.73	Intermediate	SW8011	1,2-Dibromoethane	0.75			GW0220	106-93-4	TRG
KAFB-106089	KAFB-106089	1543221.506	1475795.631	5323.575	Intermediate	SW8011	1,2-Dibromoethane	0.523	J+	XQ	GW0224	106-93-4	TRG
KAFB-106092	KAFB-106092	1543042.049	1476798.047	5314.47	Intermediate	SW8011	1,2-Dibromoethane	0.47	J+	XQ	GW0227	106-93-4	TRG
KAFB-106095	KAFB-106095	1542095.424	1474735.606	5344.64	Intermediate	SW8011	1,2-Dibromoethane	0.192	J+	X	GW0230	106-93-4	TRG
KAFB-106097	KAFB-106097	1541706.301	1474734.32	5347.73	Intermediate	SW8011	1,2-Dibromoethane	0.0279	U	U	GW0234	106-93-4	TRG
KAFB-106099	KAFB-106099	1541014.769	1474352.003	5342.79	Intermediate	SW8011	1,2-Dibromoethane	0.0281	U	XQU	GW0237	106-93-4	TRG
KAFB-106101	KAFB-106101	1540432.836	1474037.518	5337.345	Intermediate	SW8011	1,2-Dibromoethane	0.028	U	XU	GW0241	106-93-4	TRG
KAFB-106103	KAFB-106103	1543685.459	1475685.62	5328.54	Intermediate	SW8011	1,2-Dibromoethane	0.0283	U	XQU	GW0244	106-93-4	TRG
KAFB003	KAFB-3	1546761.602	1479150.908	5359	Regional Deep	SW8011	1,2-Dibromoethane	0.0279	U	XU	GW0118	106-93-4	TRG
KAFB015	KAFB-15	1539532.43	1474426.411	5339	Regional Deep	SW8011	1,2-Dibromoethane	0.0279	U	XU	GW0122	106-93-4	TRG
KAFB016	KAFB-16	1544875.51	1474164.014	5370	Regional Deep	SW8011	1,2-Dibromoethane	0.0279	U	XU	GW0125	106-93-4	TRG

Table 5-4. EDB Data Used in Plume Analysis

LOCATION CODE	LOCATION ID	EASTING	NORTHING	GROUND ELEVATION	AQUIFER	LAB METHOD	PARAMETER	RESULT	VALIDATION QUALIFIER	QUALIFIER	SAMPLE NO	CASNO	RESULT TYPE
ST106-VA2	VA HOSPITAL WELL	1540963.76	1474621.59	5344	Regional Deep	SW8011	1,2-Dibromoethane	0.0277	U	XU	GW0128	106-93-4	TRG
KAFB-106001	KAFB-1061	1541360.028	1473582.309	5341.76	Shallow	SW8260B	1,2-Dibromoethane (EDB)	0.579		J	GW0132	106-93-4	TRG
KAFB-106002	KAFB-1062	1541049.591	1474008.93	5339.75	Shallow	SW8011	1,2-Dibromoethane	0.0281	U	U	GW0133	106-93-4	TRG
KAFB-106003	KAFB-1063	1540417.675	1474017.012	5337.07	Shallow	SW8011	1,2-Dibromoethane	0.0281	U	U	GW0240	106-93-4	TRG
KAFB-106004	KAFB-1064	1541038.563	1474358.206	5343.01	Shallow	SW8011	1,2-Dibromoethane	0.0309	U	QU	GW0236	106-93-4	TRG
KAFB-106005	KAFB-1065	1541901.719	1473998.879	5343.995	Shallow	SW8260B	1,2-Dibromoethane (EDB)	75.5		D	GW0134	106-93-4	TRG
KAFB-106006	KAFB-1066	1542158.315	1473296.49	5348.715	Shallow	SW8260B	1,2-Dibromoethane (EDB)	19.3		D	GW0136	106-93-4	TRG
KAFB-106007	KAFB-1067	1542340.138	1472895.391	5344.15	Shallow	SW8011	1,2-Dibromoethane	0.0325	U	QU	GW0137	106-93-4	TRG
KAFB-106008	KAFB-1068	1542178.078	1473670.782	5348.9	Shallow	SW8260B	1,2-Dibromoethane (EDB)	101		D	GW0138	106-93-4	TRG
KAFB-106009	KAFB-1069	1541952.979	1474124.288	5344.79	Shallow	SW8011	1,2-Dibromoethane	3.22	J+	XDP	GW0139	106-93-4	TRG
KAFB-106010	KAFB-10610	1542451.04	1474761.254	5343.33	Shallow	SW8260B	1,2-Dibromoethane (EDB)	134		D	GW0140	106-93-4	TRG
KAFB-106011	KAFB-10611	1542812.941	1474019.801	5350.03	Shallow	SW8011	1,2-Dibromoethane	0.0283	U	U	GW0141	106-93-4	TRG
KAFB-106012	KAFB-10612	1541489.5	1474040.139	5342.23	Shallow	SW8011	1,2-Dibromoethane	0.0376			GW0143	106-93-4	TRG
KAFB-106013	KAFB-10613	1541681.491	1474735.647	5347.61	Shallow	SW8011	1,2-Dibromoethane	0.0287	U	XU	GW0233	106-93-4	TRG
KAFB-106014	KAFB-10614	1542413.971	1474017.743	5347.33	Shallow	SW8260B	1,2-Dibromoethane (EDB)	374		D	GW0144	106-93-4	TRG
KAFB-106015	KAFB-10615	1545222.617	1476461.562	5339.63	Shallow	SW8011	1,2-Dibromoethane	0.0288	U	UXN	GW0145	106-93-4	TRG
KAFB-106016	KAFB-10616	1540986.88	1473163.816	5339.23	Shallow	SW8011	1,2-Dibromoethane	0.0318	U	QU	GW0146	106-93-4	TRG
KAFB-106017	KAFB-10617	1542923.658	1475229.264	5339.16	Shallow	SW8011	1,2-Dibromoethane	0.909	J+	X	GW0147	106-93-4	TRG
KAFB-106018	KAFB-10618	1542426.035	1475430.571	5333.005	Shallow	SW8260B	1,2-Dibromoethane (EDB)	1.18			GW0148	106-93-4	TRG
KAFB-106019	KAFB-10619	1542975.542	1474712.991	5351.875	Shallow	SW8011	1,2-Dibromoethane	0.372	J+	XP	GW0149	106-93-4	TRG
KAFB-106020	KAFB-10620	1541869.242	1475368.872	5341.09	Shallow	SW8011	1,2-Dibromoethane	0.0286	U	XU	GW0150	106-93-4	TRG
KAFB-106021	KAFB-10621	1542387.318	1476082.836	5314.4	Shallow	SW8011	1,2-Dibromoethane	0.0321	U	QU	GW0151	106-93-4	TRG
KAFB-106022	KAFB-10622	1543365.243	1476499.154	5318.02	Shallow	SW8011	1,2-Dibromoethane	1		Q	GW0152	106-93-4	TRG
KAFB-106023	KAFB-10623	1543708.506	1475670.238	5328.9	Shallow	SW8011	1,2-Dibromoethane	0.0326	U	QU	GW0243	106-93-4	TRG
KAFB-106024	KAFB-10624	1541587.549	1473520.004	5343.26	Shallow	SW8011	1,2-Dibromoethane	0.0282	U	U	GW0154	106-93-4	TRG
KAFB-106025	KAFB-10625	1542975.314	1477299.558	5317.3	Shallow	SW8011	1,2-Dibromoethane	0.258	J+	XQ	GW0155-R	106-93-4	TRG
KAFB-106026	KAFB-10626	1543785.371	1478616.498	5322.67	Shallow	SW8011	1,2-Dibromoethane	0.0286	U	XQU	GW0156-R	106-93-4	TRG
KAFB-106027	KAFB-10627	1541442.496	1472401.266	5345.4	Shallow	SW8011	1,2-Dibromoethane	0.0288	U	XU	GW0173-R	106-93-4	TRG
KAFB-106028-510	KAFB-10628-510	1542329.535	1474330.943	5348.86	Shallow	SW8260B	1,2-Dibromoethane (EDB)	115		D	GW0196	106-93-4	TRG
KAFB-106029	KAFB-106029	1542386.202	1477074.406	5310.915	Shallow	SW8011	1,2-Dibromoethane	0.031	U	QU	GW0157	106-93-4	TRG
KAFB-106032	KAFB-106032	1541595.856	1476183.214	5317.53	Shallow	SW8011	1,2-Dibromoethane	0.0282	U	XQU	GW0160	106-93-4	TRG
KAFB-106035	KAFB-106035	1543635.857	1476440.55	5321.46	Shallow	SW8011	1,2-Dibromoethane	0.237	J+	PQX	GW0163	106-93-4	TRG
KAFB-106038	KAFB-106038	1543314.143	1475062.626	5348.38	Shallow	SW8011	1,2-Dibromoethane	0.0284	U	YU	GW0166	106-93-4	TRG
KAFB-106042	KAFB-106042	1543633.948	1477965.57	5324.08	Shallow	SW8260B	1,2-Dibromoethane (EDB)	1.02			GW0170	106-93-4	TRG
KAFB-106046	KAFB-106046	1542835.692	1473605.459	5352.83	Shallow	SW8011	1,2-Dibromoethane	0.0282	U	XQU	GW0176	106-93-4	TRG
KAFB-106049	KAFB-106049	1542707.55	1477682.534	5316.11	Shallow	SW8011	1,2-Dibromoethane	0.0288	U	XU	GW0179	106-93-4	TRG
KAFB-106052	KAFB-106052	1543037.59	1477669.514	5318.93	Shallow	SW8011	1,2-Dibromoethane	0.0282	U	YU	GW0183	106-93-4	TRG
KAFB-106055	KAFB-106055	1543756.997	1477302.338	5325.14	Shallow	SW8260B	1,2-Dibromoethane (EDB)	1.28			GW0186	106-93-4	TRG
KAFB-106059	KAFB-106059	1541720.889	1473683.677	5344.67	Shallow	SW8260B	1,2-Dibromoethane (EDB)	134		D	GW0189	106-93-4	TRG
KAFB-106064	KAFB-106064	1542358.774	1473788.674	5347.9	Shallow	SW8260B	1,2-Dibromoethane (EDB)	57.6		D	GW0195	106-93-4	TRG
KAFB-106067	KAFB-106067	1542741.507	1474717.467	5347.56	Shallow	SW8011	1,2-Dibromoethane	0.137	J+	Q	GW0199	106-93-4	TRG
KAFB-106070	KAFB-106070	1542890.624	1475942.55	5318.455	Shallow	SW8011	1,2-Dibromoethane	0.162	J+		GW0203	106-93-4	TRG
KAFB-106075	KAFB-106075	1542201.38	1475231.389	5340.51	Shallow	SW8011	1,2-Dibromoethane	0.353			GW0209	106-93-4	TRG
KAFB-106076	KAFB-106076	1541808.66	1473219.083	5344.82	Shallow	SW8260B	1,2-Dibromoethane (EDB)	175		D	GW0210	106-93-4	TRG
KAFB-106079	KAFB-106079	1542252.749	1474078.44	5346.64	Shallow	SW8260B	1,2-Dibromoethane (EDB)	32.6		DJ	GW0213	106-93-4	TRG
KAFB-106082	KAFB-106082	1542571.397	1475334.042	5334.79	Shallow	SW8260B	1,2-Dibromoethane (EDB)	1.4			GW0216	106-93-4	TRG
KAFB-106085	KAFB-106085	1542564.281	1475983.023	5317.29	Shallow	SW8011	1,2-Dibromoethane	0.0532	J	P	GW0219	106-93-4	TRG
KAFB-106088	KAFB-106088	1543228.947	1475764.101	5324.265	Shallow	SW8011	1,2-Dibromoethane	0.616	J+	X	GW0223	106-93-4	TRG
KAFB-106091	KAFB-106091	1543010.799	1476816.227	5314.275	Shallow	SW8011	1,2-Dibromoethane	0.142	J+	P	GW0226	106-93-4	TRG
KAFB-106094	KAFB-106094	1542110.363	1474711.234	5345.14	Shallow	SW8011	1,2-Dibromoethane	0.745			GW0229	106-93-4	TRG
KAFB3411	KAFB-3411	1541774.445	1473888.679	5340.35	Shallow	SW8011	1,2-Dibromoethane	0.0308	U	QU	GW0131	106-93-4	TRG

Table 5-4. EDB Data Used in Plume Analysis

LOCATION CODE	LOCATION ID	USER TEST PANEL	UNITS	DETECT LIMIT	DETECT	SAMPLE DATE	SAMPLE TYPE	LAB MATRIX	DILUTION FACTOR	METHOD DETECTION LIMIT	ANALYTICAL METHOD CODE	FILTERED
KAFB-106031	KAFB-106031	EDB	ug/L	0.0282	N	7/20/2011 0:00	WG	Water	1	0.0094	SW8011	N
KAFB-106034	KAFB-106034	EDB	ug/L	0.029	Y	8/9/2011 0:00	WG	Water	1	0.00967	SW8011	N
KAFB-106037	KAFB-106037	EDB	ug/L	0.0284	Y	9/14/2011 0:00	WG	Water	1	0.00947	SW8011	N
KAFB-106040	KAFB-106040	EDB	ug/L	0.028	Y	9/9/2011 0:00	WG	Water	1	0.00934	SW8011	N
KAFB-106043	KAFB-106043	EDB	ug/L	0.0313	N	7/18/2011 0:00	WG	Water	1	0.0104	SW8011	N
KAFB-106045	KAFB-106045	EDB	ug/L	0.0282	N	7/26/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106048	KAFB-106048	EDB	ug/L	0.028	N	8/11/2011 0:00	WG	Water	1	0.00935	SW8011	N
KAFB-106051	KAFB-106051	EDB	ug/L	0.0285	N	8/25/2011 0:00	WG	Water	1	0.0095	SW8011	N
KAFB-106054	KAFB-106054	EDB	ug/L	0.0285	N	9/1/2011 0:00	WG	Water	1	0.00951	SW8011	N
KAFB-106058	KAFB-106058	EDB	ug/L	0.0287	Y	8/26/2011 0:00	WG	Water	1	0.00957	SW8011	N
KAFB-106061	KAFB-106061	EDB	ug/L	0.0286	N	8/10/2011 0:00	WG	Water	1	0.00952	SW8011	N
KAFB-106062	KAFB-106062	EDB	ug/L	0.0279	N	8/1/2011 0:00	WG	Water	1	0.00931	SW8011	N
KAFB-106066	KAFB-106066	EDB	ug/L	0.0283	N	8/15/2011 0:00	WG	Water	1	0.00942	SW8011	N
KAFB-106068	KAFB-106068	EDB	ug/L	0.032	N	7/11/2011 0:00	WG	Water	1	0.0107	SW8011	N
KAFB-106071	KAFB-106071	EDB	ug/L	0.0301	N	7/13/2011 0:00	WG	Water	1	0.01	SW8011	N
KAFB-106074	KAFB-106074	EDB	ug/L	0.0284	N	7/25/2011 0:00	WG	Water	1	0.00945	SW8011	N
KAFB-106078	KAFB-106078	EDB	ug/L	0.0287	N	8/26/2011 0:00	WG	Water	1	0.00958	SW8011	N
KAFB-106081	KAFB-106081	EDB	ug/L	0.0286	N	8/17/2011 0:00	WG	Water	1	0.00955	SW8011	N
KAFB-106084	KAFB-106084	EDB	ug/L	0.0282	N	7/8/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106087	KAFB-106087	EDB	ug/L	0.0284	N	8/29/2011 0:00	WG	Water	1	0.00946	SW8011	N
KAFB-106090	KAFB-106090	EDB	ug/L	0.0286	N	8/1/2011 0:00	WG	Water	1	0.00953	SW8011	N
KAFB-106093	KAFB-106093	EDB	ug/L	0.0285	N	8/3/2011 0:00	WG	Water	1	0.00951	SW8011	N
KAFB-106096	KAFB-106096	EDB	ug/L	0.0287	N	8/18/2011 0:00	WG	Water	1	0.00957	SW8011	N
KAFB-106098	KAFB-106098	EDB	ug/L	0.0281	N	7/21/2011 0:00	WG	Water	1	0.00937	SW8011	N
KAFB-106100	KAFB-106100	EDB	ug/L	0.0284	N	7/26/2011 0:00	WG	Water	1	0.00945	SW8011	N
KAFB-106102	KAFB-106102	EDB	ug/L	0.0296	N	7/25/2011 0:00	WG	Water	1	0.00986	SW8011	N
KAFB-106104	KAFB-106104	EDB	ug/L	0.0283	N	8/5/2011 0:00	WG	Water	1	0.00942	SW8011	N
KAFB-106030	KAFB-106030	EDB	ug/L	0.0289	N	7/20/2011 0:00	WG	Water	1	0.00964	SW8011	N
KAFB-106033	KAFB-106033	EDB	ug/L	0.0284	N	8/10/2011 0:00	WG	Water	1	0.00947	SW8011	N
KAFB-106036	KAFB-106036	EDB	ug/L	0.0284	Y	9/13/2011 0:00	WG	Water	1	0.00947	SW8011	N
KAFB-106039	KAFB-106039	EDB	ug/L	0.0279	N	9/8/2011 0:00	WG	Water	1	0.00931	SW8011	N
KAFB-106044	KAFB-106044	EDB	ug/L	0.0284	N	7/26/2011 0:00	WG	Water	1	0.00948	SW8011	N
KAFB-106047	KAFB-106047	EDB	ug/L	0.0283	N	8/11/2011 0:00	WG	Water	1	0.00943	SW8011	N
KAFB-106050	KAFB-106050	EDB	ug/L	0.0282	N	8/11/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106053	KAFB-106053	EDB	ug/L	0.0282	N	9/12/2011 0:00	WG	Water	1	0.00941	SW8011	N
KAFB-106057	KAFB-106057	VOLATILES	ug/L	1	Y	8/23/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106060	KAFB-106060	EDB	ug/L	0.0284	Y	8/30/2011 0:00	WG	Water	1	0.00947	SW8011	N
KAFB-106063	KAFB-106063	EDB	ug/L	0.0281	Y	8/1/2011 0:00	WG	Water	1	0.00936	SW8011	N
KAFB-106065	KAFB-106065	EDB	ug/L	0.157	Y	8/16/2011 0:00	WG	Water	1	0.0523	SW8011	N
KAFB-106069	KAFB-106069	EDB	ug/L	0.0313	Y	7/12/2011 0:00	WG	Water	1	0.0104	SW8011	N
KAFB-106072	KAFB-106072	VOLATILES	ug/L	1	Y	7/15/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106073	KAFB-106073	EDB	ug/L	0.0282	Y	7/22/2011 0:00	WG	Water	1	0.00941	SW8011	N
KAFB-106077	KAFB-106077	EDB	ug/L	0.028	Y	9/6/2011 0:00	WG	Water	1	0.00933	SW8011	N
KAFB-106080	KAFB-106080	EDB	ug/L	0.0281	Y	7/22/2011 0:00	WG	Water	1	0.00936	SW8011	N
KAFB-106083	KAFB-106083	EDB	ug/L	0.0278	Y	7/7/2011 0:00	WG	Water	1	0.00927	SW8011	N
KAFB-106086	KAFB-106086	EDB	ug/L	0.0286	Y	8/31/2011 0:00	WG	Water	1	0.00954	SW8011	N
KAFB-106089	KAFB-106089	EDB	ug/L	0.0284	Y	8/3/2011 0:00	WG	Water	1	0.00948	SW8011	N
KAFB-106092	KAFB-106092	EDB	ug/L	0.0284	Y	8/4/2011 0:00	WG	Water	1	0.00946	SW8011	N
KAFB-106095	KAFB-106095	EDB	ug/L	0.0282	Y	8/16/2011 0:00	WG	Water	1	0.00941	SW8011	N
KAFB-106097	KAFB-106097	EDB	ug/L	0.0279	N	7/21/2011 0:00	WG	Water	1	0.0093	SW8011	N
KAFB-106099	KAFB-106099	EDB	ug/L	0.0281	N	7/28/2011 0:00	WG	Water	1	0.00938	SW8011	N
KAFB-106101	KAFB-106101	EDB	ug/L	0.028	N	7/29/2011 0:00	WG	Water	1	0.00933	SW8011	N
KAFB-106103	KAFB-106103	EDB	ug/L	0.0283	N	8/8/2011 0:00	WG	Water	1	0.00944	SW8011	N
KAFB003	KAFB-3	EDB	ug/L	0.0279	N	7/6/2011 0:00	WG	Water	1	0.00928	SW8011	N
KAFB015	KAFB-15	EDB	ug/L	0.0279	N	7/6/2011 0:00	WG	Water	1	0.00932	SW8011	N
KAFB016	KAFB-16	EDB	ug/L	0.0279	N	7/6/2011 0:00	WG	Water	1	0.00929	SW8011	N

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LOCATION CODE	LOCATION ID	USER TEST PANEL	UNITS	DETECT LIMIT	DETECT	SAMPLE DATE	SAMPLE TYPE	LAB MATRIX	DILUTION FACTOR	METHOD DETECTION LIMIT	ANALYTICAL METHOD CODE	FILTERED
ST106-VA2	VA HOSPITAL WELL	EDB	ug/L	0.0277	N	7/6/2011 0:00	WG	Water	1	0.00925	SW8011	N
KAFB-106001	KAFB-1061	VOLATILES	ug/L	1	Y	7/20/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106002	KAFB-1062	EDB	ug/L	0.0281	N	9/12/2011 0:00	WG	Water	1	0.00937	SW8011	N
KAFB-106003	KAFB-1063	EDB	ug/L	0.0281	N	7/21/2011 0:00	WG	Water	1	0.00937	SW8011	N
KAFB-106004	KAFB-1064	EDB	ug/L	0.0309	N	7/15/2011 0:00	WG	Water	1	0.0103	SW8011	N
KAFB-106005	KAFB-1065	VOLATILES	ug/L	50	Y	9/20/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106006	KAFB-1066	VOLATILES	ug/L	10	Y	9/15/2011 0:00	WG	Water	10	2.5	SW8260B	N
KAFB-106007	KAFB-1067	EDB	ug/L	0.0325	N	7/15/2011 0:00	WG	Water	1	0.0108	SW8011	N
KAFB-106008	KAFB-1068	VOLATILES	ug/L	20	Y	9/19/2011 0:00	WG	Water	20	5	SW8260B	N
KAFB-106009	KAFB-1069	EDB	ug/L	0.143	Y	9/28/2011 0:00	WG	Water	5	0.0477	SW8011	N
KAFB-106010	KAFB-10610	VOLATILES	ug/L	50	Y	7/13/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106011	KAFB-10611	EDB	ug/L	0.0283	N	7/21/2011 0:00	WG	Water	1	0.00943	SW8011	N
KAFB-106012	KAFB-10612	EDB	ug/L	0.0288	Y	7/29/2011 0:00	WG	Water	1	0.0096	SW8011	N
KAFB-106013	KAFB-10613	EDB	ug/L	0.0287	N	7/29/2011 0:00	WG	Water	1	0.00956	SW8011	N
KAFB-106014	KAFB-10614	VOLATILES	ug/L	50	Y	9/6/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106015	KAFB-10615	EDB	ug/L	0.0282	N	7/28/2011 0:00	WG	Water	1	0.0094	SW8011	N
KAFB-106016	KAFB-10616	EDB	ug/L	0.0318	N	7/19/2011 0:00	WG	Water	1	0.0106	SW8011	N
KAFB-106017	KAFB-10617	EDB	ug/L	0.0277	Y	7/7/2011 0:00	WG	Water	1	0.00922	SW8011	N
KAFB-106018	KAFB-10618	VOLATILES	ug/L	1	Y	7/8/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106019	KAFB-10619	EDB	ug/L	0.0282	Y	7/7/2011 0:00	WG	Water	1	0.0094	SW8011	N
KAFB-106020	KAFB-10620	EDB	ug/L	0.0286	N	7/29/2011 0:00	WG	Water	1	0.00952	SW8011	N
KAFB-106021	KAFB-10621	EDB	ug/L	0.0321	N	7/12/2011 0:00	WG	Water	1	0.0107	SW8011	N
KAFB-106022	KAFB-10622	EDB	ug/L	0.0315	Y	7/18/2011 0:00	WG	Water	1	0.0105	SW8011	N
KAFB-106023	KAFB-10623	EDB	ug/L	0.0326	N	7/18/2011 0:00	WG	Water	1	0.0109	SW8011	N
KAFB-106024	KAFB-10624	EDB	ug/L	0.0282	N	7/20/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106025	KAFB-10625	EDB	ug/L	0.0284	Y	8/8/2011 0:00	WG	Water	1	0.00947	SW8011	N
KAFB-106026	KAFB-10626	EDB	ug/L	0.0286	N	8/8/2011 0:00	WG	Water	1	0.00952	SW8011	N
KAFB-106027	KAFB-10627	EDB	ug/L	0.0288	N	8/15/2011 0:00	WG	Water	1	0.0096	SW8011	N
KAFB-106028-510	KAFB-10628-510	VOLATILES	ug/L	50	Y	8/24/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106029	KAFB-106029	EDB	ug/L	0.031	N	7/19/2011 0:00	WG	Water	1	0.0103	SW8011	N
KAFB-106032	KAFB-106032	EDB	ug/L	0.0282	N	8/10/2011 0:00	WG	Water	1	0.00941	SW8011	N
KAFB-106035	KAFB-106035	EDB	ug/L	0.028	Y	9/13/2011 0:00	WG	Water	1	0.00934	SW8011	N
KAFB-106038	KAFB-106038	EDB	ug/L	0.0284	N	9/8/2011 0:00	WG	Water	1	0.00946	SW8011	N
KAFB-106042	KAFB-106042	VOLATILES	ug/L	1	Y	7/27/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106046	KAFB-106046	EDB	ug/L	0.0282	N	8/8/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106049	KAFB-106049	EDB	ug/L	0.0288	N	8/12/2011 0:00	WG	Water	1	0.00959	SW8011	N
KAFB-106052	KAFB-106052	EDB	ug/L	0.0282	N	9/7/2011 0:00	WG	Water	1	0.00939	SW8011	N
KAFB-106055	KAFB-106055	VOLATILES	ug/L	1	Y	8/25/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106059	KAFB-106059	VOLATILES	ug/L	50	Y	9/28/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106064	KAFB-106064	VOLATILES	ug/L	10	Y	8/17/2011 0:00	WG	Water	10	2.5	SW8260B	N
KAFB-106067	KAFB-106067	EDB	ug/L	0.0309	Y	7/12/2011 0:00	WG	Water	1	0.0103	SW8011	N
KAFB-106070	KAFB-106070	EDB	ug/L	0.0325	Y	7/14/2011 0:00	WG	Water	1	0.0108	SW8011	N
KAFB-106075	KAFB-106075	EDB	ug/L	0.0281	Y	7/22/2011 0:00	WG	Water	1	0.00938	SW8011	N
KAFB-106076	KAFB-106076	VOLATILES	ug/L	100	Y	9/29/2011 0:00	WG	Water	100	25	SW8260B	N
KAFB-106079	KAFB-106079	VOLATILES	ug/L	50	Y	7/22/2011 0:00	WG	Water	50	12.5	SW8260B	N
KAFB-106082	KAFB-106082	VOLATILES	ug/L	1	Y	7/7/2011 0:00	WG	Water	1	0.25	SW8260B	N
KAFB-106085	KAFB-106085	EDB	ug/L	0.0288	Y	8/31/2011 0:00	WG	Water	1	0.00958	SW8011	N
KAFB-106088	KAFB-106088	EDB	ug/L	0.0282	Y	8/2/2011 0:00	WG	Water	1	0.00941	SW8011	N
KAFB-106091	KAFB-106091	EDB	ug/L	0.0286	Y	8/4/2011 0:00	WG	Water	1	0.00952	SW8011	N
KAFB-106094	KAFB-106094	EDB	ug/L	0.0286	Y	8/25/2011 0:00	WG	Water	1	0.00954	SW8011	N
KAFB3411	KAFB-3411	EDB	ug/L	0.0308	N	7/13/2011 0:00	WG	Water	1	0.0103	SW8011	N

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 5-6
Soil Sample Porosity Results

			Method:	Mod. ASTM D425	
Well	Sample ID	Depth	Sample Orientation	Total Porosity (%, V_b)	Effective Porosity (%, V_b)
KAFB-106029	106029-460	460	R	34.7	27.5
KAFB-106030	106030-475	475	R	33.8	28.8
KAFB-106031	106031-500	500	R	32.0	25.9
KAFB-106032	106032-465	465	R	35.4	30.3
KAFB-106033	106033-480	480	R	38.7	33.8
KAFB-106034	106034-505	505	R	34.2	27.5
KAFB-106035	106035-475	475	R	38.7	31.9
KAFB-106036	106036-490	490	R	48.4	41.0
KAFB-106037	106037-515	515	R	30.2	21.7
KAFB-106039	106039-520	520	R	30.4	23.5
KAFB-106040	106040-535	535	R	27.7	21.8
KAFB-106041	106041-460	460	R	37.2	22.6
KAFB-106042	106042-485	485	R	36.0	31.3
KAFB-106043	106043-540	540	R	34.2	29.7
KAFB-106046	106046-510	510	R	28.9	23.9
KAFB-106047	106047-520	520	R	27.0	21.8
KAFB-106048	106048-540	540	R	36.5	29.9
KAFB-106049	106049-470	470	R	35.0	29.6
KAFB-106050	106050-475	475	R	31.3	24.9
KAFB-106051	106051-505	505	R	32.8	22.2
KAFB-106052	106052-465	465	R	35.7	29.7
KAFB-106053	106053-480	480	R	36.4	32.7
KAFB-106054	106054-510	510	R	51.2	42.8
KAFB-106055	106055-465	465	R	37.4	32.5
KAFB-106057	106057-490	490	R	36.8	29.9
KAFB-106058	106058-515	515	R	31.4	25.2
KAFB-106059	106059-490	490	R	33.3	28.0
KAFB-106060	106060-515	515	R	32.4	23.5
KAFB-106063	106063-520	520	R	33.0	28.4
KAFB-106064	106064-505	505	R	31.0	26.7
KAFB-106065	106065-515	515	R	36.5	31.4
KAFB-106066	106066-585	585	R	31.9	27.0
KAFB-106067	106067-500	500	R	33.5	27.8
KAFB-106068	106068-590	590	R	49.9	40.1
KAFB-106069	106069-505	505	R	36.3	23.0
KAFB-106070	106070-460	460	R	33.2	27.5
KAFB-106071	106071-565	565	R	29.6	24.9
KAFB-106072	106072-475	475	R	30.5	20.8
KAFB-106073	106073-520	520	R	39.2	24.6
KAFB-106074	106074-570	570	R	31.1	25.9
KAFB-106075	106075-495	495	R	31.5	22.4
KAFB-106076	106076-490	490	R	35.7	30.5

Table 5-6
Soil Sample Porosity Results

			Method:	Mod. ASTM D425	
Well	**Sample ID**	**Depth**	**Sample Orientation**	**Total Porosity (%, V_b)**	**Effective Porosity (%, V_b)**
KAFB-106079	106079-490	490	R	36.1	29.0
KAFB-106080	106080-505	505	R	36.5	26.6
KAFB-106081	106081-580	580	R	31.3	27.3
KAFB-106082	106082-485	485	R	23.7	18.1
KAFB-106083	106083-477	477	R	36.2	29.0
KAFB-106083	106083-505	505	R	34.6	30.5
KAFB-106084	106084-570	570	R	31.8	25.8
KAFB-106085	106085-446	446	R	44.2	34.8
KAFB-106086	106086-477	477	R	31.6	27.0
KAFB-106087	106087-545	545	R	31.2	26.1
KAFB-106088	106088-475	475	R	34.6	29.1
KAFB-106089	106089-490	490	R	31.4	25.2
KAFB-106090	106090-560	560	R	32.7	28.0
KAFB-106091	106091-465	465	R	36.9	29.2
KAFB-106092	106092-480	480	R	33.0	27.0
KAFB-106093	106093-550	550	R	33.5	28.0
KAFB-106094	106094-500	500	R	32.6	24.4
KAFB-106095	106095-510	510	R	30.2	25.0
KAFB-106096	106096-585	585	R	41.1	33.1
KAFB-106097	106097-520	520	R	29.9	24.0
KAFB-106098	106098-535	535	R	23.3	13.2
KAFB-106099	106099-510	510	R	34.9	30.0
KAFB-106100	106100-535	535	R	32.1	27.7
KAFB-106103	106103-490	490	R	33.6	27.0
KAFB-106104	106104-515	515	R	34.4	27.0
KAFB-106105	106105-483	483	R	31.3	18.0
KAFB-106107	106107-515	515	R	32.5	27.5
			Average	**34.1**	**27.4**
			Std. Dev.	**4.85**	**4.87**

Note: R = remolded sample

Table 5-7
Soil Sample Laboratory Hydraulic Conductivity Results

			Method:	API RP 40; EPA 9100	
Well	Sample ID	Depth	Sample Orientation	Effective Permeability to Water (milliDarcy)	Effective Permeability to Water (cm/sec)
KAFB-106029	106029-460	460	R	17,000	1.7E-02
KAFB-106029	106030-475	475	R	13,000	1.2E-02
KAFB-106031	106031-500	500	R	5,800	5.7E-03
KAFB-106032	106032-465	465	R	14,000	1.4E-02
KAFB-106033	106033-480	480	R	11,000	1.1E-02
KAFB-106034	106034-505	505	R	11,000	1.1E-02
KAFB-106035	106035-475	475	R	1,300	1.2E-03
KAFB-106036	106036-490	490	R	15,000	1.5E-02
KAFB-106037	106037-515	515	R	210	2.1E-04
KAFB-106039	106039-520	520	R	8,000	7.8E-03
KAFB-106040	106040-535	535	R	9,700	9.5E-03
KAFB-106041	106041-460	460	R	3,900	3.8E-03
KAFB-106042	106042-485	485	R	15,000	1.5E-02
KAFB-106043	106043-540	540	R	14,000	1.4E-02
KAFB-106046	106046-510	510	V	8,500	8.2E-03
KAFB-106047	106047-520	520	V	4,300	4.2E-03
KAFB-106048	106048-540	540	V	3,100	3.1E-03
KAFB-106049	106049-470	470	R	11,000	1.0E-02
KAFB-106050	106050-475	475	R	8,400	8.2E-03
KAFB-106051	106051-505	505	R	88	8.6E-05
KAFB-106052	106052-465	465	R	11,000	1.1E-02
KAFB-106053	106053-480	480	R	19,000	2.0E-02
KAFB-106054	106054-510	510	R	16,000	1.6E-02
KAFB-106055	106055-465	465	R	8,800	8.7E-03
KAFB-106057	106057-490	490	R	9,700	9.6E-03
KAFB-106058	106058-515	515	R	4,400	4.4E-03
KAFB-106059	106059-490	490	V	15,000	1.5E-02
KAFB-106060	106060-515	515	V	760	7.5E-04
KAFB-106063	106063-520	520	V	26,000	2.6E-02
KAFB-106064	106064-505	505	V	8,100	7.9E-03
KAFB-106065	106065-515	515	R	14,000	1.4E-02
KAFB-106066	106066-585	585	R	6,900	6.8E-03
KAFB-106067	106067-500	500	R	4,900	4.9E-03
KAFB-106068	106068-590	590	R	1,400	1.4E-03
KAFB-106069	106069-505	505	V	730	7.2E-04
KAFB-106070	106070-460	460	R	2,200	2.1E-03
KAFB-106071	106071-565	565	R	7,700	7.6E-03
KAFB-106072	106072-475	475	R	340	3.3E-04
KAFB-106073	106073-520	520	R	3,200	3.1E-03
KAFB-106074	106074-570	570	R	16,000	1.6E-02

Table 5-7
Soil Sample Laboratory Hydraulic Conductivity Results

			Method:	API RP 40; EPA 9100	
Well	**Sample ID**	**Depth**	**Sample Orientation**	**Effective Permeability to Water (milliDarcy)**	**Effective Permeability to Water (cm/sec)**
KAFB-106075	106075-495	495	V	390	3.8E-04
KAFB-106076	106076-490	490	V	24,000	2.4E-02
KAFB-106079	106079-490	490	V	5,200	5.1E-03
KAFB-106080	106080-505	505	V	250	2.5E-04
KAFB-106081	106081-580	580	V	7,700	7.6E-03
KAFB-106082	106082-485	485	V	4,700	4.8E-03
KAFB-106083	106083-477	477	R	3,700	3.6E-03
KAFB-106083	106083-505	505	V	16,000	1.5E-02
KAFB-106084	106084-570	570	V	2,000	2.0E-03
KAFB-106085	106085-446	446	R	16,000	1.5E-02
KAFB-106086	106086-477	477	R	20,000	2.0E-02
KAFB-106087	106087-545	545	R	2,400	2.4E-03
KAFB-106088	106088-475	475	R	15,000	1.5E-02
KAFB-106089	106089-490	490	R	12,000	1.2E-02
KAFB-106090	106090-560	560	R	15,000	1.4E-02
KAFB-106091	106091-465	465	R	8,400	8.2E-03
KAFB-106092	106092-480	480	R	10,000	9.9E-03
KAFB-106093	106093-550	550	R	1,500	1.5E-03
KAFB-106094	106094-500	500	R	15,000	1.5E-02
KAFB-106095	106095-510	510	R	13,000	1.2E-02
KAFB-106096	106096-585	585	R	660	6.7E-04
KAFB-106097	106097-520	520	R	9,500	9.4E-03
KAFB-106098	106098-535	535	V	27	2.7E-05
KAFB-106099	106099-510	510	R	16,000	1.6E-02
KAFB-106100	106100-535	535	R	18,000	1.8E-02
KAFB-106103	106103-490	490	R	8,200	8.1E-03
KAFB-106104	106104-515	515	R	1,300	1.2E-03
KAFB-106105	106105-483	483	R	44	4.2E-05
KAFB-106107	106107-515	515	R	2,300	2.3E-03
			Geo. Mean	4,700	4.6E-03
			Median	8,400	8.2E-03
			Number	69	69

Notes:

1. R = remolded sample, V = vertical
2. Lab results rounded to 2 significant figures
3. Permeability to water and hydraulic conductivity measured at saturated conditions

Table 5-8
Soil Sample Grain Size Analysis Results

Well	Sample ID	Depth, ft.	Description USCS/ASTM	Median Grain Size (mm)	Particle Size Distribution, wt. percent				
					Gravel	Sand Size			Silt/Clay
						Coarse	Medium	Fine	
KAFB-106029	106029-460	460	Gravel	1.363	42.69	3.17	46.14	7.79	0.20
KAFB-106030	106030-475	475	Gravel	0.713	27.38	2.88	48.49	20.92	0.34
KAFB-106031	106031-500	500	Medium sand	0.807	18.09	13.40	43.77	22.04	2.70
KAFB-106032	106032-465	465	Medium sand	0.968	7.82	15.04	64.87	11.59	0.68
KAFB-106033	106033-480	480	Medium sand	0.427	0.00	0.27	51.05	48.20	0.48
KAFB-106034	106034-505	505	Medium sand	0.701	9.14	13.16	55.07	20.60	2.03
KAFB-106035	106035-475	475	Medium sand	0.428	0.00	0.00	50.84	42.33	6.83
KAFB-106036	106036-490	490	Coarse sand	1.775	15.96	29.14	49.05	5.25	0.60
KAFB-106037	106037-515	515	Medium sand	0.566	14.83	16.44	36.48	29.12	3.12
KAFB-106039	106039-520	520	Gravel	8.651	70.53	9.65	12.16	7.41	0.26
KAFB-106040	106040-535	535	Gravel	2.218	37.48	14.11	36.96	10.38	1.07
KAFB-106041	106041-460	460	Medium sand	1.702	11.39	32.40	38.81	16.59	0.82
KAFB-106042	106042-485	485	Medium sand	0.604	7.53	10.10	57.03	25.01	0.32
KAFB-106043	106043-540	540	Medium sand	1.278	32.90	7.70	53.62	5.46	0.31
KAFB-106046	106046-510	510	Coarse sand	1.659	39.46	8.45	33.44	18.38	0.27
KAFB-106047	106047-250	250	Medium sand	0.672	11.40	10.23	51.56	25.78	1.03
KAFB-106048	106048-540	540	Medium sand	0.404	4.27	4.85	38.16	50.37	2.35
KAFB-106049	106049-470	470	Medium sand	0.660	13.76	11.56	49.91	24.24	0.53
KAFB-106050	106050-475	475	Gravel	7.946	63.74	12.52	15.01	7.78	0.95
KAFB-106051	106051-505	505	Medium sand	1.178	8.63	25.18	37.41	25.65	3.13
KAFB-106052	106052-465	465	Medium sand	0.642	1.56	7.72	73.20	17.12	0.40
KAFB-106053	106053-480	480	Gravel	6.884	71.06	17.43	6.07	4.26	1.19
KAFB-106054	106054-510	510	Gravel	4.438	47.01	29.26	15.30	7.21	1.22
KAFB-106055	106055-465	465	Medium sand	0.399	1.77	2.71	42.28	52.63	0.62
KAFB-106057	106057-490	490	Coarse sand	1.052	32.05	10.32	41.18	15.81	0.65
KAFB-106058	106058-515	515	Medium sand	0.626	17.07	8.52	46.66	25.42	2.33
KAFB-106059	106059-490	490	Medium sand	0.599	12.28	3.84	55.15	27.83	0.90
KAFB-106060	106060-515	515	Medium sand	0.433	7.14	5.80	38.82	44.51	3.72

Table 5-8
Soil Sample Grain Size Analysis Results

Well	Sample ID	Depth, ft.	Description USCS/ASTM	Median Grain Size (mm)	Particle Size Distribution, wt. percent				
					Gravel	Sand Size			Silt/Clay
						Coarse	Medium	Fine	
KAFB-106063	106063-520	520	Coarse sand	1.793	6.41	39.08	52.20	1.89	0.42
KAFB-106064	106064-505	505	Medium sand	0.691	23.26	2.93	54.21	18.84	0.75
KAFB-106065	106065-515	515	Medium sand	0.546	0.00	5.47	61.31	32.16	1.06
KAFB-106066	106066-585	585	N/A	1.124	35.16	8.63	32.96	21.81	1.43
KAFB-106067	106067-500	500	Medium sand	1.482	13.99	27.76	42.40	15.60	0.25
KAFB-106068	106068-590	590	Gravel	1.142	32.33	8.38	39.36	18.51	1.42
KAFB-106069	106069-505	505	Medium sand	0.584	12.04	5.03	46.71	31.81	4.42
KAFB-106070	106070-460	460	Medium sand	0.540	0.00	2.24	58.62	34.82	4.32
KAFB-106071	106071-565	565	Medium sand	0.742	10.00	18.52	45.23	24.01	2.24
KAFB-106072	106072-475	475	Medium sand	0.635	6.62	5.44	61.98	21.85	4.12
KAFB-106073	106073-520	520	Medium sand	0.777	15.47	14.07	40.19	28.88	1.39
KAFB-106074	106074-570	570	Gravel	10.104	75.53	14.01	8.37	1.71	0.38
KAFB-106075	106075-495	495	Medium sand	0.462	17.89	0.48	38.72	39.45	3.46
KAFB-106076	106076-490	490	Medium sand	0.695	2.60	9.17	72.88	14.81	0.54
KAFB-106079	106079-490	490	Fine sand	0.372	0.64	2.14	39.18	51.98	6.06
KAFB-106080	106080-505	505	Medium sand	0.773	12.35	10.33	63.63	11.97	1.72
KAFB-106081	106081-580	580	Medium sand	0.546	1.13	4.71	60.63	31.44	2.09
KAFB-106082	106082-485	485	Gravel	5.763	54.72	14.29	22.86	7.27	0.86
KAFB-106083	106083-505	505	Medium sand	0.863	16.45	5.98	71.38	5.85	0.34
KAFB-106083	106083-477	477	Coarse sand	1.133	21.23	15.03	45.38	17.73	0.64
KAFB-106084	106084-570	570	Medium sand	0.483	6.49	6.03	46.19	39.14	2.15
KAFB-106085	106085-446	446	Coarse sand	3.300	29.69	41.50	18.05	9.51	1.26
KAFB-106086	106086-477	477	Coarse sand	1.982	32.60	17.13	47.09	2.73	0.44
KAFB-106087	106087-545	545	Gravel	0.733	31.49	5.68	30.45	30.69	1.70
KAFB-106088	106088-475	475	Medium sand	0.943	4.14	24.14	58.04	13.08	0.59
KAFB-106089	106089-490	490	Gravel	7.188	56.04	14.95	25.18	3.47	0.35
KAFB-106090	106090-560	560	Coarse sand	2.012	30.02	20.12	40.08	9.45	0.33
KAFB-106091	106091-465	465	Coarse sand	0.820	30.81	7.99	47.25	13.37	0.58
KAFB-106092	106092-480	480	Gravel	2.977	46.63	5.85	31.41	15.69	0.42

Table 5-8
Soil Sample Grain Size Analysis Results

Well	Sample ID	Depth, ft.	Description USCS/ASTM	Median Grain Size (mm)	Particle Size Distribution, wt. percent				
					Gravel	Sand Size			Silt/Clay
						Coarse	Medium	Fine	
KAFB-106093	106093-550	550	Fine sand	0.230	0.00	0.14	11.41	82.51	5.93
KAFB-106094	106094-500	500	Gravel	6.086	52.84	7.56	31.03	8.05	0.53
KAFB-106095	106095-510	510	Gravel	1.458	37.97	7.63	45.22	8.40	0.78
KAFB-106096	106096-585	585	Medium sand	0.650	12.10	6.08	53.30	25.53	3.00
KAFB-106097	106097-520	520	Gravel	1.804	42.18	6.79	38.75	10.70	1.58
KAFB-106098	106098-535	535	Medium sand	0.598	1.75	9.96	58.89	26.46	2.94
KAFB-106099	106099-510	510	Medium sand	0.876	8.74	19.40	62.11	9.04	0.71
KAFB-106100	106100-535	535	Coarse sand	2.866	32.01	28.43	35.17	3.98	0.40
KAFB-106103	106103-490	490	Coarse sand	1.292	26.42	17.94	29.85	25.30	0.49
KAFB-106104	106104-515	515	Medium sand	0.514	7.04	5.28	51.50	33.38	2.80
KAFB-106105	106105-483	483	Medium sand	0.612	14.74	4.31	53.64	23.87	3.44
KAFB-106107	106107-515	515	Medium sand	0.684	11.34	14.59	48.13	24.71	1.22

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Table 5-9
Soil Sample Total Organic Carbon Results

			Method:	WALKLEY-BLACK	
Well	**Sample ID**	**Depth**	**Sample Matrix**	**Total Organic Carbon (mg/Kg)**	**Total Organic Carbon (g/g)**
KAFB-106029	106029-460	460	Soil	190	1.90E-04
KAFB-106031	106031-500	500	Soil	310	3.10E-04
KAFB-106032	106032-465	465	Soil	330	3.30E-04
KAFB-106036	106036-490	490	Soil	160	1.60E-04
KAFB-106041	106041-460	460	Soil	250	2.50E-04
KAFB-106043	106043-540	540	Soil	130	1.30E-04
KAFB-106046	106046-510	510	Soil	<100	<1.00E-04
KAFB-106050	106050-475	475	Soil	190	1.90E-04
KAFB-106052	106052-465	465	Soil	300	3.00E-04
KAFB-106053	106053-480	480	Soil	350	3.50E-04
KAFB-106059	106059-490	490	Soil	<100	<1.00E-04
KAFB-106064	106064-505	505	Soil	170	1.70E-04
KAFB-106067	106067-500	500	Soil	380	3.80E-04
KAFB-106068	106068-590	590	Soil	170	1.70E-04
KAFB-106071	106071-565	565	Soil	180	1.80E-04
KAFB-106072	106072-475	475	Soil	230	2.30E-04
KAFB-106073	106073-520	520	Soil	310	3.10E-04
KAFB-106075	106075-495	495	Soil	180	1.80E-04
KAFB-106076	106076-490	490	Soil	370	3.70E-04
KAFB-106079	106079-490	490	Soil	240	2.40E-04
KAFB-106081	106081-580	580	Soil	<100	<1.00E-04
KAFB-106083	106083-505	505	Soil	100	1.00E-04
KAFB-106084	106084-570	570	Soil	<100	<1.00E-04
KAFB-106085	106085-446	446	Soil	170	1.70E-04
KAFB-106086	106086-477	477	Soil	170	1.70E-04
KAFB-106088	106088-475	475	Soil	200	2.00E-04
KAFB-106091	106091-465	465	Soil	290	2.90E-04
KAFB-106092	106092-480	480	Soil	260	2.60E-04
KAFB-106093	106093-550	550	Soil	200	2.00E-04
KAFB-106096	106096-585	585	Soil	160	1.60E-04
			Average	**230.4**	**2.30E-04**
			Std. Dev.	**77.54**	**7.75E-05**
			Median	**200**	**0.0002**

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Table 5-10
Soil Sample Air/NAPL/Water Capillary Test and Van Genuchten Results
Test Methods: ASTM D6836, API RP 40

Well	Sample ID	Test Type	Grain-size Classification	Median Grain-size (mm)	Medium-Sand Fraction (%)	alpha (1/cm)	alpha (1/ft)	n	m
KAFB-106059	106059-GEO2 at 304.5 ft.	Air/Water	Medium sand	0.599	55.2	0.02247	0.68	1.721	0.419
KAFB-106060	106060-GEO1 at 486.3 ft.	Air/Water	Medium sand	0.433	38.8	0.02900	0.88	2.300	0.565
KAFB-106063	106063-GEO1 at 490.2 ft.	Air/Water	Coarse sand	1.793	52.2	0.02800	0.85	2.021	0.505
KAFB-106063	106063-GEO2 at 335.3 ft.	Air/Water	Coarse sand	1.793	52.2	0.02302	0.70	2.005	0.501
KAFB-106078	106078-GEO1 at 488.4 ft.	Air/Water	Gravel	#N/A	#N/A	0.02298	0.70	2.094	0.523
KAFB-106078	106078-SAND at 489.4 ft.	Air/Water	Gravel	#N/A	#N/A	0.03191	0.97	2.153	0.535
KAFB-106080	106080-GEO2 at 427.4 ft.	Air/Water	Medium sand	0.773	63.6	0.02273	0.69	2.295	0.564
KAFB-106081	106081-GEO2 at 451.7 ft.	Air/Water	Medium sand	0.546	60.6	0.00193	0.06	2.238	0.553
KAFB-106059	106059-GEO2 at 304.3 ft.	NAPL/Water	Medium sand	0.599	55.2	0.07605	2.32	1.793	0.442
KAFB-106060	106060-GEO1 at 486.1 ft.	NAPL/Water	Medium sand	0.433	38.8	0.11000	3.35	2.300	0.565
KAFB-106063	106063-GEO1 at 489.8 ft.	NAPL/Water	Coarse sand	1.793	52.2	0.08000	2.44	2.300	0.565
KAFB-106063	106063-GEO2 at 335.1 ft.	NAPL/Water	Coarse sand	1.793	52.2	0.03579	1.09	1.815	0.449
KAFB-106078	106078-GEO1 at 488.7 ft.	NAPL/Water	Gravel	#N/A	#N/A	0.10142	3.09	2.050	0.512
KAFB-106078	106078-SAND at 489.1 ft.	NAPL/Water	Gravel	#N/A	#N/A	0.15000	4.57	1.550	0.355
KAFB-106080	106080-GEO2 at 427.2 ft.	NAPL/Water	Medium sand	0.773	63.6	0.11804	3.60	2.552	0.608
KAFB-106081	106081-GEO2 at 451.5 ft.	NAPL/Water	Medium sand	0.546	60.6	0.07000	2.13	1.350	0.259

Table 5-10
Soil Sample Air/NAPL/Water Capillary Test and Van Genuchten Results
Test Methods: ASTM D6836, API RP 40

Well	Sample ID	Test Type	Grain-size Classification	Residual Water	Total Water	Water Perm (milliDarcy)	Air Perm (milliDarcy)	NAPL Perm (milliDarcy)	R^2
KAFB-106059	106059-GEO2 at 304.5 ft.	Air/Water	Medium sand	0.180	1.014	320	4,300		0.999
KAFB-106060	106060-GEO1 at 486.3 ft.	Air/Water	Medium sand	0.090	1.050	11,283	16,350		0.996
KAFB-106063	106063-GEO1 at 490.2 ft.	Air/Water	Coarse sand	0.198	1.010	4,771	9,140		0.997
KAFB-106063	106063-GEO2 at 335.3 ft.	Air/Water	Coarse sand	0.208	1.040	4,316	11,700		0.994
KAFB-106078	106078-GEO1 at 488.4 ft.	Air/Water	Gravel	0.241	1.017	571	5,380		0.997
KAFB-106078	106078-SAND at 489.4 ft.	Air/Water	Gravel	0.209	1.012	1,382	9,710		0.993
KAFB-106080	106080-GEO2 at 427.4 ft.	Air/Water	Medium sand	0.112	1.023	1,715	11,300		0.995
KAFB-106081	106081-GEO2 at 451.7 ft.	Air/Water	Medium sand	0.448	1.003	3	24		0.998
KAFB-106059	106059-GEO2 at 304.3 ft.	NAPL/Water	Medium sand	0.141	1.010	371		535	0.999
KAFB-106060	106060-GEO1 at 486.1 ft.	NAPL/Water	Medium sand	0.080	1.020	9,190		4,036	0.990
KAFB-106063	106063-GEO1 at 489.8 ft.	NAPL/Water	Coarse sand	0.240	1.000	680		1,909	0.994
KAFB-106063	106063-GEO2 at 335.1 ft.	NAPL/Water	Coarse sand	0.378	1.003	292		576	0.999
KAFB-106078	106078-GEO1 at 488.7 ft.	NAPL/Water	Gravel	0.167	1.010	8,029		2,431	0.995
KAFB-106078	106078-SAND at 489.1 ft.	NAPL/Water	Gravel	0.210	1.020	255		745	0.997
KAFB-106080	106080-GEO2 at 427.2 ft.	NAPL/Water	Medium sand	0.119	1.011	897		3,582	0.998
KAFB-106081	106081-GEO2 at 451.5 ft.	NAPL/Water	Medium sand	0.587	1.005	5.5		262	0.981
					Geo. Mean	**700**	**4,300**	**1,200**	
					Median	**800**	**9,400**	**1,300**	

Table 5-11
NAPL Interfacial Tension, Density and Viscosity Results
ASTM Methods: D1481, D445, D971

Well	Sample ID	Media	TEMP. °F	SPECIFIC GRAVITY	DENSITY, g/cc	VISCOSITY centistokes	VISCOSITY centipoise
KAFB-106076	106076-LNAPL-PTS	Water	70	0.9996	0.9975	1.04	1.04
KAFB-106076	106076-LNAPL-PTS	NAPL	70	0.8029	0.8012	1.75	1.40

Well	PHASE PAIR Phase 1	PHASE PAIR Phase 2	TEMP. °F	INTERFACIAL TENSION, Dynes/cm
KAFB-106076	Water	Air	72.9	57.3
KAFB-106076	NAPL	Air	73.0	25.3
KAFB-106076	NAPL	Water	72.9	13.1

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Table 5-12
NAPL PIANO and Physical Properties Analytical Results

	KAFB-1066-LNAPL-GEO1			KAFB-106076-LNAPL-GEO1		
Total Component	**Weight %**	**Liquid Volume %**	**Mole %**	**Weight %**	**Liquid Volume %**	**Mole %**
Total Parafins	15.00	15.98	14.64	16.21	17.68	16.74
Total Isoparrafins	27.12	29.25	28.69	10.43	11.51	11.66
Total Aromatics	17.89	15.53	18.80	28.85	26.09	31.75
Total Naphthalenes	22.26	22.02	24.91	9.11	9.28	11.33
Total Olefins	0.01	0.01	0.02	-	-	-
Total Unclassified	17.72	17.21	12.94	35.41	35.44	28.52
Total	100.00	100.00	100.00	100.00	100.00	100.00
Analytical Tests	**Results**	**Units**	**Method**	**Results**	**Units**	**Method**
API Gravity	51.6	60 ºF	ASTM D-70	44.7	60/60 ºF	ASTM D-287
Density	0.77	gm/mL @ 60 ºF	ASTM D-4052	0.80	gm/mL @ 60 ºF	Calc. from API gravity
Flash Point	<70	ºF	ASTM D-93A	94	ºF	ASTM D-93A
1,2 Dibromoethane	<1	ppm	GCMS	<5	ppm	GCMS
1,2 Dichloroethane	<1	ppm	GCMS	<5	ppm	GCMS
Interfacial Tension	45.3	mN/m	ASTM D-971	31.2	mN/m	ASTM D-971
Kinematic Viscosity	1.07	cSt @ 20 ºC	ASTM D-445	1.84	cSt @ 20 ºC	ASTM D-445
Lead in Gasoline	<0.01	g/gal	ASTM D-3237	<0.01	g/gal	ASTM D-3237
Surface Tension	25	mN/m	ASTM D-1331A	32.6	mN/m	ASTM D-1331A

PIANO--Paraffins, Isoparaffins, Aromatics, Naphthalenes, and Olefins

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Table 6-1
IDW Roll-Off Bin Sampling and Disposal
July - September 2011

Rolloff #	Date Sampled	Sample ID	Well Location	Disposal
A20-067	7/6/2011	106054IDW1	KAFB-106054	Landfill
104050	7/6/2011	106054IDW1	KAFB-106054	Landfill
18	7/6/2011	106054IDW1	KAFB-106054	Landfill
DB481	7/6/2011	106085IDW1	KAFB-106085	Landfill
DB482	7/6/2011	106085IDW1	KAFB-106085	Landfill
15	7/6/2011	106085IDW1	KAFB-106085	Landfill
8	7/6/2011	106136IDW1	KAFB-106136	Landfill
A20-074	7/6/2011	106136IDW2	KAFB-106136	Landfill
104053	7/12/2011	106037IDW1	KAFB-106037	Landfill
22027	7/12/2011	106037IDW1	KAFB-106037	Landfill
19	7/12/2011	106037IDW1	KAFB-106037	Landfill
A20-024	7/12/2011	106040IDW1	KAFB-106040	Landfill
28	7/12/2011	106040IDW1	KAFB-106040	Landfill
33	7/12/2011	106040IDW1	KAFB-106040	Landfill
22	7/12/2011	106040IDW1	KAFB-106040	Landfill
22026	7/12/2011	106053IDW1	KAFB-106053	Landfill
21	7/12/2011	106053IDW1	KAFB-106053	Landfill
30	7/12/2011	106053IDW1	KAFB-106053	Landfill
20B-30	7/12/2011	106125IDW1	KAFB-106125	Landfill
104051	7/12/2011	106125IDW2	KAFB-106125	Landfill
22023	7/12/2011	106126IDW1	KAFB-106126	Landfill
17	7/22/2011	106052IDW1	KAFB-106052	Landfill
18	7/22/2011	106052IDW1	KAFB-106052	Landfill
DB482	7/22/2011	106052IDW1	KAFB-106052	Landfill
104059	7/22/2011	106126IDW2	KAFB-106126	Landfill
104052	7/25/2011	106036IDW1	KAFB-106036	Landfill
104055	7/25/2011	106036IDW1	KAFB-106036	Landfill
24	7/25/2011	106036IDW1	KAFB-106036	Landfill
33	7/25/2011	106036IDW1	KAFB-106036	Landfill
15	7/25/2011	106039IDW1	KAFB-106039	Landfill
16	7/25/2011	106039IDW1	KAFB-106039	Landfill
27	7/25/2011	106039IDW1	KAFB-106039	Landfill
6	7/25/2011	106127IDW1	KAFB-106127	Landfill
104050	7/25/2011	106127IDW2	KAFB-106127	Landfill
21	8/4/2011	106038IDW1	KAFB-106038	Landfill
29	8/4/2011	106038IDW1	KAFB-106038	Landfill
30	8/4/2011	106038IDW1	KAFB-106038	Landfill
104051	8/4/2011	106106IDW1	KAFB-106106	Landfill
25	8/4/2011	106106IDW1	KAFB-106106	Landfill
28	8/4/2011	106106IDW1	KAFB-106106	Landfill
15	8/31/2011	106035IDW1	KAFB-106035	Landfill
19	8/31/2011	106035IDW1	KAFB-106035	Landfill
27	8/31/2011	106035IDW1	KAFB-106035	Landfill
16	8/31/2011	106105IDW1	KAFB-106105	Landfill

Table 6-1
IDW Roll-Off Bin Sampling and Disposal
July - September 2011

Rolloff #	Date Sampled	Sample ID	Well Location	Disposal
17	8/31/2011	106105IDW1	KAFB-106105	Landfill
24	8/31/2011	106105IDW1	KAFB-106105	Landfill
33	8/31/2011	106105IDW1	KAFB-106105	Landfill
25	8/31/2011	106107IDW1	KAFB-106107	Landfill
28	8/31/2011	106107IDW1	KAFB-106107	Landfill
29	8/31/2011	106107IDW1	KAFB-106107	Landfill
6	9/21/2011	106148IDW1	KAFB-106148	Landfill
30	9/21/2011	106148IDW2	KAFB-106148	Landfill
32	9/21/2011	106149IDW1	KAFB-106149	Landfill
26	9/21/2011	106149IDW2	KAFB-106149	Landfill
15	9/27/2011	106150IDW1	KAFB-106150	Landfill
27	9/27/2011	106150IDW2	KAFB-106150	Pending Disposal Offsite
33	9/29/2011	106151IDW1	KAFB-106151	Landfill
25	9/29/2011	106151IDW2	KAFB-106151	Landfill

Table 6-2
Wastewater Sampling and Disposal
July - September 2011

Tank	Date Sampled	Sample ID	Type of Wastewater	Disposal
106070	7/7/2011	106070WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106071	7/7/2011	106071WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106072	7/7/2011	106072WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106073	7/7/2011	106073WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106033	7/13/2011	106033WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106034	7/13/2011	106034WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106042	7/13/2011	106042WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106043	7/13/2011	106043WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106103	7/13/2011	106103WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106104	7/13/2011	106104WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106032	7/14/2011	106032WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106051	7/14/2011	106051WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106065	7/14/2011	106065WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106092	7/14/2011	106092WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106094	7/14/2011	106094WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106095	7/14/2011	106095WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106096	7/14/2011	106096WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106100	7/14/2011	106100WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106086	8/16/2011	106086WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106087	8/16/2011	106087WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106120	8/16/2011	106120WW1	Decon Water	Discharged in Bulk Fuels Facility
106123	8/16/2011	106123WW1	Decon Water	Discharged in Bulk Fuels Facility
106125	8/16/2011	106125WW1	Decon Water	Discharged in Bulk Fuels Facility
106127	8/16/2011	106127WW1	Decon Water	Discharged in Bulk Fuels Facility
106041	9/22/2011	106041WW1	Decon Water	Discharged in Bulk Fuels Facility
106097	9/22/2011	106097WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106105	9/22/2011	106105WW1	Decon/Development Water	Pending Approval for Discharge
106106	9/22/2011	106106WW1	Decon/Development Water	Pending Approval for Discharge
106107	9/22/2011	106107WW1	Decon/Development Water	Pending Approval for Discharge
106124	9/22/2011	106124WW1	Decon Water	Pending Approval for Discharge
106035	9/27/2011	106035WW1	Decon/Development Water	Pending Approval for Discharge
106040	9/27/2011	106040WW1	Decon/Development Water	Pending Approval for Discharge
106052	9/27/2011	106052WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106085	9/27/2011	106085WW1	Decon/Development Water	Pending Approval for Discharge
106036	9/29/2011	106036WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106038	9/29/2011	106038WW1	Decon/Development Water	Pending Approval for Discharge
106039	9/29/2011	106039WW1	Decon/Development Water	Discharged in Bulk Fuels Facility
106053	9/29/2011	106053WW1	Decon/Development Water	Pending Approval for Discharge
106054	9/29/2011	106054WW1	Decon/Development Water	Pending Approval for Discharge
106055	9/29/2011	106055WW1	Decon/Development Water	Pending Approval for Discharge
106057	9/29/2011	106057WW1	Decon/Development Water	Pending Approval for Discharge
106058	9/29/2011	106058WW1	Decon/Development Water	Pending Approval for Discharge

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Table 6-3. IDW Groundwater Sampling Storage and Disposal, July – September 2011

Monitoring Well	IDW Purge Water (Gallons)	Storage/Disposal
KAFB3411	34	Well
KAFB-1061	37	BFF – NOI pending
KAFB-1062	34	BFF
KAFB-1065	34	Offsite
KAFB-1066	25	Offsite
KAFB-1067	39	Well – NOI pending
KAFB-1068	30	Offsite
KAFB-1069	34	Offsite
KAFB-10610	45	Offsite
KAFB-10611	37	Well – NOI pending
KAFB-10612	34	Well
KAFB-10614	35	Offsite
KAFB-10615	43	Well
KAFB-10616	39	Well
KAFB-10617	44	BFF – NOI pending
KAFB-10618	45	BFF – NOI pending
KAFB-10619	44	BFF – NOI pending
KAFB-10620	43	BFF
KAFB-10621	52	BFF – NOI pending
KAFB-10622	47	BFF – NOI pending
KAFB-10624	40	BFF – NOI pending
KAFB-10625	104	BFF
KAFB-10626	71	BFF
KAFB-106029	36	BFF
KAFB-106030	51	BFF
KAFB-106031	87	BFF
KAFB-106032	33	BFF
KAFB-106033	51	BFF
KAFB-106034	76	BFF – NOI pending
KAFB-106035	34	BFF – NOI pending
KAFB-106036	49	BFF – NOI pending
KAFB-106037	76	BFF – NOI pending
KAFB-106038	28	BFF – NOI pending
KAFB-106039	48	BFF – NOI pending
KAFB-106040	72	BFF – NOI pending
KAFB-106042	33	BFF – NOI pending
KAFB-106043	130	BFF
KAFB-106027	62	BFF
KAFB-106044	50	BFF
KAFB-106045	75	BFF
KAFB-106046	34	BFF
KAFB-106047	53	BFF – NOI pending
KAFB-106048	77	BFF
KAFB-106049	35	BFF
KAFB-106050	50	BFF
KAFB-106051	74	BFF
KAFB-106052	34	BFF
KAFB-106053	48	BFF
KAFB-106054	76	BFF
KAFB-106055	33	BFF – NOI pending
KAFB-106057	54	BFF – NOI pending
KAFB-106058	75	BFF – NOI pending
KAFB-106059	37	Offsite

Table 6-3. IDW Groundwater Sampling Storage and Disposal, July – September 2011 (Concluded)

Monitoring Well	IDW Purge Water (Gallons)	Storage/Disposal
KAFB-106060	51	BFF
KAFB-106061	133	BFF
KAFB-106062	118	BFF
KAFB-106063	47	BFF
KAFB-106064	27	BFF – NOI pending
KAFB-106028-510	37	Offsite
KAFB-106065	28	Offsite
KAFB-106066	121	BFF
KAFB-106067	36	BFF – NOI pending
KAFB-106068	131	BFF
KAFB-106069	60	BFF – NOI pending
KAFB-106070	43	BFF – NOI pending
KAFB-106071	124	BFF – NOI pending
KAFB-106072	61	BFF – NOI pending
KAFB-106073	52	BFF
KAFB-106074	121	BFF
KAFB-106075	37	BFF – NOI pending
KAFB-106076	30	Offsite
KAFB-106077	51	BFF – NOI pending
KAFB-106078	123	BFF
KAFB-106079	38	Offsite
KAFB-106080	49	Offsite
KAFB-106081	117	BFF – NOI pending
KAFB-106082	35	BFF – NOI pending
KAFB-106083	54	BFF – NOI pending
KAFB-106084	130	BFF
KAFB-106085	35	BFF – NOI pending
KAFB-106086	50	BFF – NOI pending
KAFB-106087	122	BFF
KAFB-106088	27	BFF – NOI pending
KAFB-106089	49	BFF – NOI pending
KAFB-106090	125	BFF
KAFB-106091	35	BFF – NOI pending
KAFB-106092	47	BFF – NOI pending
KAFB-106093	117	BFF
KAFB-106094	45	Offsite
KAFB-106095	52	BFF – NOI pending
KAFB-106096	126	BFF
KAFB-10613	34	BFF
KAFB-106097	52	BFF
KAFB-106098	77	BFF
KAFB-106004	42	BFF
KAFB-106099	52	BFF
KAFB-106100	78	BFF
KAFB-1063	32	BFF
KAFB-106101	49	BFF
KAFB-106102	71	BFF
KAFB-10623	48	BFF
KAFB-106103	48	BFF
KAFB-106104	74	BFF

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.