

TABLES

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**Table 2-1. FFOR SVE System
Extraction Well Number and Depth of Screened Interval
January–March 2011**

Extraction Well	Depth of Screened Interval (ft bgs)	Active Extraction Well During January – March 2011
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
FFOR	Former Fuel Offloading Rack	
ft bgs	feet below ground surface	
SVE	soil-vapor extraction	
SVEW	soil-vapor extraction well	

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**Table 2-2. Cumulative Hydrocarbon Recovery, ST-106, FFOR
January–March 2011**

Field Parameter	Sample Date	
	N/A ^a	
Pressure (in H ₂ O)	--	
HC (ppmv)	--	
O ₂ (percent)	--	
CO (percent)	--	
CO ₂ (percent)	--	
Active Wells	SVEW-01 and 05	
Engine	E1	E2
Well Gas Inlet Flow Rate (scfm)	29	48
Well Gas Inlet Flow Rate (m ³ /hr)	49	82
Hours of Operation	1,992.19	2,080.13
Hydrocarbon Recovery (gallons equivalent)	2,044	4,527
Estimated Hydrocarbon Biodegradation for Quarter (gallons equivalent)	2,123	
Cumulative Hydrocarbon Recovery ^b (gallons equivalent)	6,571 ^c	
	+ 2,123 ^d	
	Cumulative Total = 8,695	
^a Sample and flow measurements taken from PLC-Analyzer-recorded data over performance period. ^b Starting January 1, 2011. ^c Total from SVE system. ^d Total from biodegradation. -- Not available CO carbon monoxide CO ₂ carbon dioxide H ₂ O water HC hydrocarbon O ₂ oxygen m ³ /hr cubic meter per hour scfm standard cubic feet per minute SVE soil-vapor extraction system		

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**Table 2-3. KAFB-1065, KAFB-1066, and KAFB-1068 SVE and Treatment Systems
Extraction Well Number and Depth of Screened Interval
January–March 2011**

Extraction Well	Depth of Screened Interval (ft bgs)	Active Extraction Well January 2011 – March 2011
KAFB-1065	484 - top of water table	Yes
KAFB-1066	483.5 - top of water table	Yes
KAFB-1068	486 - top of water table	Yes
ft bgs	feet below ground surface	
SVE	soil-vapor extraction	

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**Table 2-4. Cumulative Hydrocarbon Recovery
KAFB-1065 SVE and Treatment System
January–March 2011**

Field Parameter	Sample Date		Sample Date		Sample Date	
	1/31/2011		2/28/2011		3/31/2011	
Engine	E1	E2	E1	E2	E1	E2
Pounds Removed	1,026.75	3,024.45	738.46	1,064.68	1,268.45	2,606.02
Hydrocarbon Recovery (gallons equivalent)	165.57	487.73	119.12	171.69	204.59	420.28
Estimated Hydrocarbon Biodegradation for Quarter (gallons equivalent)	See column to right. One value is calculated for the entire quarter.		See column to right. One value is calculated for the entire quarter.		823	
Cumulative Hydrocarbon Recovery ^a (gallons equivalent)	653 ^b		944 ^b		1,569 ^b	
					+ 823 ^c	
					Cumulative Total = 2,392	
^a Starting January 1, 2011. ^b Total from SVE system. ^c Total from biodegradation. -- Not available SVE soil-vapor extraction						

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**Table 2-5. Cumulative Hydrocarbon Recovery
KAFB-1066 SVE and Treatment System
January–March 2011**

Field Parameter	Sample Date		Sample Date		Sample Date	
	1/31/2011		2/28/2011		3/31/2011	
Engine	E1	E2	E1	E2	E1	E2
Pounds Removed	7,991.90	7,164.96	8,837.12	8,729.07	4,455.42	9,226.72
Hydrocarbon Recovery (gallons equivalent)	1,288.98	1,155.58	1,425.23	1,407.76	718.61	1,488.10
Estimated Hydrocarbon Biodegradation for Quarter (gallons equivalent)	See column to right. One value is calculated for the entire quarter.		See column to right. One value is calculated for the entire quarter.		1,646	
Cumulative Hydrocarbon Recovery ^a (gallons equivalent)	2,445 ^b		5,278 ^b		7,484 ^b	
					+ 1,646 ^c	
					Cumulative Total = 9,130	
^a Starting January 1, 2011. ^b Total from SVE system. ^c Total from biodegradation.						

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**Table 2-6. Cumulative Hydrocarbon Recovery
KAFB-1068 SVE and Treatment System
January–March 2011**

Field Parameter	Sample Date 1/31/2011		Sample Date 2/28/2011		Sample Date 3/31/2011	
	E1	E2	E1	E2	E1	E2
Engine						
Pounds Removed	4,606.32	2,833.62	4,093.28	2,945.94	4,144.66	1,298.54
Hydrocarbon Recovery (gallons equivalent)	742.96	457.01	660.24	475.24	668.54	209.43
Estimated Hydrocarbon Biodegradation for Quarter (gallons equivalent)	See column to right. One value is calculated for the entire quarter.		See column to right. One value is calculated for the entire quarter.		2,795	
Cumulative Hydrocarbon Recovery ^a (gallons equivalent)	1,200 ^b		2,335 ^b		3,213 ^b	
					+ 2,795 ^c	
					Cumulative Total = 6,008	
^a Starting January 1, 2011. ^b Total from SVE system. ^c Total from biodegradation. SVE soil vapor extraction						

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**Table 3-1. Geophysical Well Logging Details
January–March 2011**

KAFB Well #	Well Type	Tools Used	Shaw QC
10624	GW	neutron, dual induction, natural gamma	yes
106044	GW	neutron, dual induction, natural gamma	yes
106045	GW	neutron, dual induction, natural gamma	yes
106101	GW	neutron, dual induction, natural gamma	yes
106102	GW	neutron, dual induction, natural gamma	yes
106108	SVM	neutron, dual induction, natural gamma	yes
106109	SVM	neutron, dual induction, natural gamma	yes
106110	SVM	neutron, dual induction, natural gamma	yes
106111	SVM	neutron, dual induction, natural gamma	yes
106112	SVM	neutron, dual induction, natural gamma	yes
106113	SVM	neutron, dual induction, natural gamma	yes
106114	SVM	neutron, dual induction, natural gamma	yes
106115	SVM	neutron, dual induction, natural gamma	yes
106116	SVM	neutron, dual induction, natural gamma	yes
106117	SVM	neutron, dual induction, natural gamma	yes
106118	SVM	neutron, dual induction, natural gamma	yes
106119	SVM	neutron, dual induction, natural gamma	yes
106128	SVM	neutron, dual induction, natural gamma	yes
106129	SVM	neutron, dual induction, natural gamma	yes
106130	SVM	neutron, dual induction, natural gamma	yes
106131	SVM	neutron, dual induction, natural gamma	yes
106132	SVM	neutron, dual induction, natural gamma	yes
106133	SVM	neutron, dual induction, natural gamma	yes
106134	SVM	neutron, dual induction, natural gamma	yes
106135	SVM	neutron, dual induction, natural gamma	yes
106136	SVM	neutron, dual induction, natural gamma	yes
106137	SVM	neutron, dual induction, natural gamma	yes
106139	SVM	neutron, dual induction, natural gamma	yes
106140	SVM	neutron, dual induction, natural gamma	yes
GW	groundwater		
QC	quality control		
SVM	soil-vapor monitoring		

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Table 3-2. Groundwater Well Construction Details

Well ID	NMED ID	Date Installed	Easting ^a	Northing ^b	Ground Elevation (FAMSL)	Top Outer Casing Elevation	MP Elevation (FAMSL)	Stickup (ft above ground surface)	Well Depth (ft bgs)	Boring Diameter (in)	Casing Diameter (in)	Casing Type	Screened Interval (ft bgs)	Screen Slot Size	Filter Pack Interval (ft bgs)
KAFB-106044	GWM-06	01/07/2011	1,541,447.9	1,472,372.0	5,345.7	5,348.8	5,349.2	3.17	524	10.00	5.00	PVC/PVC screen	504-519	0.010	499-524
KAFB-106045	GWM-06	01/17/2011	1,541,418.0	1,472,400.6	5,345.3	5,348.5	5,348.8	3.16	548	10.00	5.00	PVC/PVC screen	528-543	0.010	523-548
KAFB-106101	GWM-26	02/21/2011	1,540,432.8	1,474,037.5	5,337.3	5,340.3	5,340.9	2.99	520	10.00	5.00	PVC/PVC screen	496-511	0.010	491-515
KAFB-106102	GWM-26	03/03/2011	1,540,402.1	1,474,038.7	5,337.4	5,340.3	5,340.8	2.88	550	10.00	5.00	PVC/PVC screen	520-535	0.010	518-542
^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 MP measuring point elevation PVC polyvinyl chloride ft bgs feet below ground surface in inches															

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Table 3-3. SVMW Construction Details (concluded)

Well ID	NMED ID and Location	Date Installed	Easting ^a	Northing ^b	Ground Elevation (FAMSL)	Top Outer Casing Elevation (FAMSL)	MP Elevation (FAMSL)	Stickup	Well Depth (ft)	Boring Diameter (in)	Casing Diameter (in)	Casing Type	Screened Interval (ft bgs)	Screen Slot Size (in)	Filter Pack Interval (ft bgs)
KAFB-106133															
KAFB-106133-025	SVM-26 (sampled)	02/16/2011	1,542,416.1	1,473,501.6	5,352.0	5,352.0	5,352.4	-0.01	25	12.00	0.75	PVC	15-25	0.050	13-26
KAFB-106133-050	Fuel Percolation Area		1,542,416.0	1,473,501.9	5,352.0	5,352.0	5,352.4	-0.01	50	12.00	0.75	PVC	40-50	0.050	38-52
KAFB-106133-170			1,542,416.3	1,473,502.1	5,352.0	5,352.0	5,352.5	-0.01	170	12.00	0.75	PVC	160-170	0.050	158-172
KAFB-106133-250			1,542,416.5	1,473,501.9	5,352.0	5,352.0	5,352.5	-0.01	250	10.00	0.75	PVC	240-250	0.050	238-252
KAFB-106133-350			1,542,416.5	1,473,501.6	5,352.0	5,352.0	5,352.5	-0.01	350	10.00	0.75	PVC	340-350	0.050	338-352
KAFB-106133-450			1,542,416.3	1,473,502.4	5,352.0	5,352.0	5,352.4	-0.01	450	10.00	3.00	PVC	440-450	0.050	438-460
KAFB-106134															
KAFB-106134-025	SVM-27 (sampled)	02/23/2011	1,542,371.3	1,473,809.9	5,347.8	5,348.0	5,348.4	0.17	25	12.00	0.75	PVC	15-25	0.050	13-26
KAFB-106134-050	Fuel Percolation Area		1,542,371.0	1,473,809.9	5,347.8	5,348.0	5,348.4	0.17	50	12.00	0.75	PVC	40-50	0.050	38-52
KAFB-106134-170			1,542,371.4	1,473,810.2	5,347.8	5,348.0	5,348.4	0.17	170	12.00	0.75	PVC	160-170	0.050	158-171
KAFB-106134-250			1,542,371.2	1,473,810.4	5,347.8	5,348.0	5,348.5	0.17	250	10.00	0.75	PVC	240-250	0.050	238-251
KAFB-106134-350			1,542,370.9	1,473,810.2	5,347.8	5,348.0	5,348.4	0.17	350	10.00	0.75	PVC	340-350	0.050	338-351
KAFB-106134-450			1,542,371.2	1,473,810.7	5,347.8	5,348.0	5,348.4	0.17	450	10.00	3.00	PVC	440-450	0.050	438-460
KAFB-106135															
KAFB-106135-025	SVM-01 (not sampled)	02/05/2011	1,542,905.1	1,474,068.9	5,351.1	5,351.4	5,350.9	0.30	25	12.00	0.75	PVC	15-25	0.050	13-27
KAFB-106135-050	Far Field		1,542,905.3	1,474,068.7	5,351.1	5,351.4	5,350.9	0.30	50	12.00	0.75	PVC	40-50	0.050	37-52
KAFB-106135-150			1,542,905.1	1,474,068.4	5,351.1	5,351.4	5,350.9	0.30	150	12.00	0.75	PVC	140-150	0.050	138-152
KAFB-106135-250			1,542,904.8	1,474,068.5	5,351.1	5,351.4	5,350.9	0.30	250	10.00	0.75	PVC	240-250	0.050	238-252
KAFB-106135-350			1,542,904.8	1,474,068.8	5,351.1	5,351.4	5,350.9	0.30	350	10.00	0.75	PVC	340-350	0.050	338-352
KAFB-106135-450			1,542,905.0	1,474,068.8	5,351.1	5,351.4	5,350.9	0.30	450	10.00	3.00	PVC	440-450	0.050	437-460
KAFB-106137															
KAFB-106137-025	SVM-03 (not sampled)	01/25/2011	1,542,321.6	1,474,077.4	5,347.3	5,347.4	5,348.0	0.14	25	12.00	0.75	PVC	15-25	0.050	13-26
KAFB-106137-050	Far Field		1,542,321.4	1,474,077.5	5,347.3	5,347.4	5,348.1	0.14	50	12.00	0.75	PVC	40-50	0.050	38-52
KAFB-106137-150			1,542,321.1	1,474,077.4	5,347.3	5,347.4	5,348.1	0.14	150	12.00	0.75	PVC	140-150	0.050	138-152
KAFB-106137-250			1,542,321.3	1,474,077.1	5,347.3	5,347.4	5,347.9	0.14	250	10.00	0.75	PVC	240-250	0.050	238-251
KAFB-106137-350			1,542,321.6	1,474,077.1	5,347.3	5,347.4	5,347.9	0.14	350	10.00	0.75	PVC	340-350	0.050	338-351
KAFB-106137-450			1,542,321.5	1,474,079.4	5,347.3	5,347.4	5,347.9	0.14	450	10.00	3.00	PVC	440-450	0.050	438-460
KAFB-106139															
KAFB-106139-025	SVM-05 (not sampled)	01/08/2011	1,541,248.3	1,474,049.9	5,341.3	5,341.6	5,342.0	0.28	25	12.00	0.75	PVC	15-25	0.050	13-26
KAFB-106139-050	Far Field		1,541,248.5	1,474,049.4	5,341.3	5,341.6	5,342.1	0.28	50	12.00	0.75	PVC	40-50	0.050	38-51
KAFB-106139-150			1,541,248.3	1,474,049.3	5,341.3	5,341.6	5,342.1	0.28	150	12.00	0.75	PVC	140-150	0.050	137-152
KAFB-106139-250			1,541,248.1	1,474,049.6	5,341.3	5,341.6	5,342.1	0.28	250	10.00	0.75	PVC	240-250	0.050	236-252
KAFB-106139-350			1,541,248.6	1,474,049.7	5,341.3	5,341.6	5,342.1	0.28	350	10.00	0.75	PVC	340-350	0.050	338-353
KAFB-106139-450			1,541,248.5	1,474,050.1	5,341.3	5,341.6	5,342.1	0.28	450	10.00	3.00	PVC	440-450	0.050	438-460
KAFB-106140															
KAFB-106140-025	SVM-06 (not sampled)	01/12/2011	1,542,236.6	1,472,632.5	5,345.3	5,345.4	5,345.7	0.06	25	12.00	0.75	PVC	15-25	0.050	13-26
KAFB-106140-050	Far Field and Fuel Tanks		1,542,237.0	1,472,632.4	5,345.3	5,345.4	5,345.7	0.06	50	12.00	0.75	PVC	40-50	0.050	38-51
KAFB-106140-150			1,542,236.7	1,472,632.9	5,345.3	5,345.4	5,345.7	0.06	150	12.00	0.75	PVC	142-152	0.050	138-153
KAFB-106140-250			1,542,237.0	1,472,632.9	5,345.3	5,345.4	5,345.7	0.06	250	10.00	0.75	PVC	240-250	0.050	237-256
KAFB-106140-350			1,542,237.2	1,472,632.7	5,345.3	5,345.4	5,345.6	0.06	350	10.00	0.75	PVC	340-350	0.050	338-352
KAFB-106140-450			1,542,236.9	1,472,632.8	5,345.3	5,345.4	5,345.7	0.06	450	10.00	3.00	PVC	440-450	0.050	437-458

^aHorizontal Coordinate System: NM_NAD83_ST_PL_Central_FIPS_3002_Feet
^bVertical Coordinate System: NAVD88
ft bgs feet below ground surface
FAMSL feet above mean sea level
MP measuring point elevation
NMED New Mexico Environment Department
PVC polyvinyl chloride
in inches

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**Table 3-4. Bennett Pump Removal/Re-Installation Details
January–March 2011**

Monitoring Well	Bennett Pump Removed	Bennett Pump Re-installed
KAFB-1061	December 8, 2010	January 18, 2011
KAFB-1062	December 14, 2010	January 22, 2011
KAFB-1063	December 14, 2010	January 22, 2011
KAFB-1064	December 14, 2010	January 22, 2011
KAFB-1067	December 9, 2010	January 21, 2011
KAFB-10611	December 9, 2010	January 20, 2011
KAFB-10612	December 9, 2010	January 21, 2011
KAFB-10615	December 9, 2010	January 21, 2011
KAFB-10616	December 8, 2010	January 19, 2011
KAFB-3411	December 8, 2010	January 19, 2011

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**Table 3-5. Installation of New Bennett Pump Systems
January–March 2011**

Monitoring Well	New Bennett Sampling Pump System Installed
KAFB-10613	March 14, 2011
KAFB-1069	March 15, 2011
KAFB-10614	March 15, 2011
KAFB-10627	March 15, 2011
KAFB-10617	March 16, 2011
KAFB-10618	March 16, 2011
KAFB-10619	March 16, 2011
KAFB-10617	March 17, 2011
KAFB-10620	March 17, 2011

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**Table 4-1. Quarterly Soil-Vapor Monitoring Field Measurements
January–March 2011**

Sample Location	Screening Interval	Static Pressure (In. H ₂ O)	CO (%)	CO ₂ (%)	O ₂ (%)	HC (ppmv)
SVMW-01	50 - 52.5	-0.30	0	7.04	10.00	a 0
	100 - 102.5	-0.38	0	9.3	5.60	a 2640
	250.7 - 253.2	-1.80	0	1.02	19.50	a 7
	308.5 - 311	-2.00	0	0.74	19.20	a 332
SVMW-02	50 - 52.5	0.06	0	6.98	11.90	a 114
	97 - 99.5	0.12	0	8.98	10.60	a 4500
	150 - 152.5	0.08	0	1.58	15.90	a 1669
SVMW-03	50 - 52.5	-0.06	0	6.7	10.02	13
	100 - 102.5	-0.10	0	9.34	2.44	5880
	250 - 252.5	-0.70	0	0.02	21.37	295
	300 - 302.5	-0.90	0	0.62	19.43	3070
SVMW-04	50 - 52.5	0.36	0	8.22	7.90	a 576
	98 - 100.5	0.24	0	8.88	5.30	a 4980
	250 - 252.5	-1.20	0	1.44	18.40	a 695
	297.5 - 300	-1.40	0	0.74	19.00	a 83
SVMW-05	50 - 52.5	0.25	0	4.28	14.60	a 0
	100 - 102.5	0.41	0	6.22	11.50	a 108
	229.5 - 231	-1.90	0	0.72	19.40	a 1
	287.5 - 290	-2.00	0	0.96	19.00	a 107
SVMW-06	50 - 52.5	0.85	0	1.50	20.80	a 43
	99.5 - 102	0.78	0	5.18	14.60	a 13
	252 - 254.5	1.00	0	1.54	14.20	a 2960
	302.5 - 305	5.10	0	1.02	16.00	a 3640
SVMW-07	49.5 - 52	-0.70	0	0.84	17.10	a 50
	95.5 - 98	-0.20	0	5.44	14.50	a 821
	147.5 - 150	-0.13	0	5.00	14.10	a 10
SVMW-08	50 - 52.5	0.44	0	8.8	5.26	3773
	100 - 102.5	0.36	0	8.3	8.15	119
	250 - 252.5	-3.20	0	0.86	19.15	64
	266 - 268.5		SAMPLE PORT PLUGGED UNABLE TO PURGE AND SAMPLE			
SVMW-09	50 - 52.5	-0.30	0	8.76	7.01	1623
	100 - 102.5	-0.50	0	8.32	4.84	5740
	250 - 252.5	-3.60	0	1.08	18.79	462
	266 - 268.5	-5.60	0	1.18	18.51	2900
SVMW-10	50 - 52.5	0.30	0	9.64	10.10	a 6320
	100 - 102.5	0.31	0	5.44	8.40	a 6210
	150 - 152.5	-0.90	0	4.98	10.60	a 6090
	250 - 252.5	-0.80	0	1.22	19.50	a 3980

**Table 4-1. Quarterly Soil-Vapor Monitoring Field Measurements (concluded)
January–March 2011**

Sample Location	Screening Interval	Static Pressure (In. H ₂ O)	CO (%)	CO ₂ (%)	O ₂ (%)	HC (ppmv)
SVMW-11	50 - 52.5	-0.10	0.01	11.54	2.20	a 4580
	100 - 102.5	-0.24	NR	9.30	2.90	a 6690
	250 - 252.5	-1.00	0	2.36	16.20	a 5650
	260 - 262.5	-1.00	0	0.68	19.60	a 2290
SVMW-12	150 - 152.5	-0.68	0	0.14	19.80	a 8
	250 - 252.5	-0.65	0	0	19.70	a 69
	350 - 352.5	-0.70	0	0	16.70	a 141
	450 - 452.5	-0.64	0	0	19.70	a 106
SVMW-13	150 - 152.5	-2.10	0	0.44	17.08	2070
	250 - 252.5	-0.50	0	0.66	16.74	13
	350 - 352.5	-0.90	0	1.67	16.60	14
	450 - 452.5	-1.10	0	0.54	16.61	1258
SVMW-14	150 - 152.5	-1.90	0	0.14	19.90	a 0
	250 - 252.5	-0.50	0	0.16	19.80	a 2
	350 - 352.5	-1.30	0	0.16	20.30	a 17
	450 - 452.5	-1.20	0	2.42	8.20	a 1397
SVMW-15	150 - 152.5	0.30	0	0	16.50	a 20
	250 - 252.5	0.31	0	0.54	17.90	a 52
	350 - 352.5	0.31	0	0.44	14.20	a 4270
	450 - 452.5	0.40	0	1.00	15.20	a 6370

^aOxygen measurement recorded from MSA Sirius 5-gas meter, all other measurements recorded from Horiba MEXA 584L Auto Emissions Analyzer.

% percent
CO carbon monoxide
CO₂ carbon dioxide
cu. ft. cubic foot
cfm cubic feet per minute
H₂O water
HC hydrocarbon
m³/hr cubic meter per hour
NR not recorded
O₂ oxygen
ppmv part per million by volume

Table 5-2. Historical Groundwater Level and Liquid Measurement Data

UNIQUE DB ID	LOCID	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH TO NAPL	DEPTH TO WATER	MEASURED NAPL THICKNESS	FLUID ELEV. (ft)	GW ELEV. (ft)	GROUNDWATER ELEV CORR FOR NAPL (ft)	MP ELEV
KAFB-106001	KAFB-1061	3/12/2001			484.21	0	4860.37	4860.37	4860.37	5344.58
KAFB-106001	KAFB-1061	6/14/2001			485.47	0	4859.11	4859.11	4859.11	5344.58
KAFB-106001	KAFB-1061	9/10/2001			486.78	0	4857.8	4857.8	4857.8	5344.58
KAFB-106001	KAFB-1061	12/4/2001			485.91	0	4858.67	4858.67	4858.67	5344.58
KAFB-106001	KAFB-1061	3/11/2002			484.98	0	4859.6	4859.6	4859.6	5344.58
KAFB-106001	KAFB-1061	6/3/2002			483.18	0	4861.4	4861.4	4861.4	5344.58
KAFB-106001	KAFB-1061	9/9/2002			486.1	0	4858.48	4858.48	4858.48	5344.58
KAFB-106001	KAFB-1061	12/12/2002			486.58	0	4858	4858	4858	5344.58
KAFB-106001	KAFB-1061	3/10/2003			485.78	0	4858.8	4858.8	4858.8	5344.58
KAFB-106001	KAFB-1061	7/21/2003			487.55	0	4857.03	4857.03	4857.03	5344.58
KAFB-106001	KAFB-1061	9/29/2003			488.57	0	4856.01	4856.01	4856.01	5344.58
KAFB-106001	KAFB-1061	10/20/2005			488.97	0	4855.61	4855.61	4855.61	5344.58
KAFB-106001	KAFB-1061	1/26/2006			488.22	0	4856.36	4856.36	4856.36	5344.58
KAFB-106001	KAFB-1061	1/26/2006			488.22	0	4856.36	4856.36	4856.36	5344.58
KAFB-106001	KAFB-1061	4/18/2006			488.28	0	4856.3	4856.3	4856.3	5344.58
KAFB-106001	KAFB-1061	7/20/2006			489.12	0	4855.46	4855.46	4855.46	5344.58
KAFB-106001	KAFB-1061	10/19/2006			489.83	0	4854.75	4854.75	4854.75	5344.58
KAFB-106001	KAFB-1061	1/22/2007			483	0	4861.58	4861.58	4861.58	5344.58
KAFB-106001	KAFB-1061	1/22/2007			483	0	4861.58	4861.58	4861.58	5344.58
KAFB-106001	KAFB-1061	2/9/2007			488.16	0	4856.42	4856.42	4856.42	5344.58
KAFB-106001	KAFB-1061	4/16/2007			487.78	0	4856.8	4856.8	4856.8	5344.58
KAFB-106001	KAFB-1061	7/24/2007			489	0	4855.58	4855.58	4855.58	5344.58
KAFB-106001	KAFB-1061	10/9/2007			489.96	0	4854.62	4854.62	4854.62	5344.58
KAFB-106001	KAFB-1061	2/4/2008			489.74	0	4854.84	4854.84	4854.84	5344.58
KAFB-106001	KAFB-1061	4/21/2008			488.66	0	4855.92	4855.92	4855.92	5344.58
KAFB-106001	KAFB-1061	7/7/2008			489.81	0	4854.77	4854.77	4854.77	5344.58
KAFB-106001	KAFB-1061	10/27/2008			491.07	0	4853.51	4853.51	4853.51	5344.58
KAFB-106001	KAFB-1061	1/20/2009			490.4	0	4854.18	4854.18	4854.18	5344.58
KAFB-106001	KAFB-1061	7/20/2009			491.08	0	4853.5	4853.5	4853.5	5344.58
KAFB-106001	KAFB-1061	10/12/2009			491.67	0	4852.91	4852.91	4852.91	5344.58
KAFB-106001	KAFB-1061	1/11/2010			489.33	0	4855.25	4855.25	4855.25	5344.58
KAFB-106001	KAFB-1061	5/15/2010			488.77	0	4855.81	4855.81	4855.81	5344.58
KAFB-106001	KAFB-1061	7/6/2010			488.73	0	4855.85	4855.85	4855.85	5344.58
KAFB-106001	KAFB-1061	10/4/2010			489.57	0	4855.01	4855.01	4855.01	5344.58
KAFB-106001	KAFB-1061	1/22/2011			488.01	0	4856.57	4856.57	4856.57	5344.58
KAFB-106001	KAFB-1061	2/23/2011	836		487.72	0	4856.86	4856.86	4856.86	5344.58
KAFB-106001	KAFB-1061	3/30/2011	1410		487.18	0	4857.4	4857.4	4857.4	5344.58
KAFB-106001	KAFB-1061	4/25/2011	1200		487.17	0	4857.41	4857.41	4857.41	5344.58
KAFB-106002	KAFB-1062	9/9/2002			485.41	0	4856.49	4856.49	4856.49	5341.9
KAFB-106002	KAFB-1062	12/12/2002			484.59	0	4857.31	4857.31	4857.31	5341.9
KAFB-106002	KAFB-1062	3/10/2003			484.01	0	4857.89	4857.89	4857.89	5341.9
KAFB-106002	KAFB-1062	7/21/2003			485.61	0	4856.29	4856.29	4856.29	5341.9
KAFB-106002	KAFB-1062	9/29/2003			486.67	0	4855.23	4855.23	4855.23	5341.9
KAFB-106002	KAFB-1062	10/19/2005			486.85	0	4855.05	4855.05	4855.05	5341.9
KAFB-106002	KAFB-1062	1/27/2006			486.14	0	4855.76	4855.76	4855.76	5341.9
KAFB-106002	KAFB-1062	1/27/2006			486.14	0	4855.76	4855.76	4855.76	5341.9
KAFB-106002	KAFB-1062	4/17/2006			486.29	0	4855.61	4855.61	4855.61	5341.9
KAFB-106002	KAFB-1062	7/20/2006			487.12	0	4854.78	4854.78	4854.78	5341.9

Table 5-2. Historical Groundwater Level and Liquid Measurement Data

UNIQUE DB ID	LOCID	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH TO NAPL	DEPTH TO WATER	MEASURED NAPL THICKNESS	FLUID ELEV. (ft)	GW ELEV. (ft)	GROUNDWATER ELEV CORR FOR NAPL (ft)	MP ELEV
KAFB-106002	KAFB-1062	10/19/2006			486.86	0	4855.04	4855.04	4855.04	5341.9
KAFB-106002	KAFB-1062	1/24/2007			486.18	0	4855.72	4855.72	4855.72	5341.9
KAFB-106002	KAFB-1062	1/24/2007			486.18	0	4855.72	4855.72	4855.72	5341.9
KAFB-106002	KAFB-1062	2/9/2007			486.05	0	4855.85	4855.85	4855.85	5341.9
KAFB-106002	KAFB-1062	4/16/2007			485.72	0	4856.18	4856.18	4856.18	5341.9
KAFB-106002	KAFB-1062	7/24/2007			486.03	0	4855.87	4855.87	4855.87	5341.9
KAFB-106002	KAFB-1062	10/8/2007			487.8	0	4854.1	4854.1	4854.1	5341.9
KAFB-106002	KAFB-1062	2/4/2008			486.7	0	4855.2	4855.2	4855.2	5341.9
KAFB-106002	KAFB-1062	4/21/2008			486.48	0	4855.42	4855.42	4855.42	5341.9
KAFB-106002	KAFB-1062	7/7/2008			487.78	0	4854.12	4854.12	4854.12	5341.9
KAFB-106002	KAFB-1062	10/27/2008			488.94	0	4852.96	4852.96	4852.96	5341.9
KAFB-106002	KAFB-1062	1/19/2009			488.16	0	4853.74	4853.74	4853.74	5341.9
KAFB-106002	KAFB-1062	7/20/2009			489.06	0	4852.84	4852.84	4852.84	5341.9
KAFB-106002	KAFB-1062	10/12/2009			489.7	0	4852.2	4852.2	4852.2	5341.9
KAFB-106002	KAFB-1062	1/11/2010			488.05	0	4853.85	4853.85	4853.85	5341.9
KAFB-106002	KAFB-1062	5/14/2010			486.44	0	4855.46	4855.46	4855.46	5341.9
KAFB-106002	KAFB-1062	7/6/2010			486.44	0	4855.46	4855.46	4855.46	5341.9
KAFB-106002	KAFB-1062	10/4/2010			487.26	0	4854.64	4854.64	4854.64	5341.9
KAFB-106002	KAFB-1062	1/21/2011			485.02	0	4856.88	4856.88	4856.88	5341.9
KAFB-106002	KAFB-1062	2/23/2011	1345		484.96	0	4856.94	4856.94	4856.94	5341.9
KAFB-106002	KAFB-1062	3/30/2011	1300		484.5	0	4857.4	4857.4	4857.4	5341.9
KAFB-106002	KAFB-1062	4/25/2011	1435		484.34	0	4857.56	4857.56	4857.56	5341.9
KAFB-106003	KAFB-1063	10/19/2005			484.04	0	4855.62	4855.62	4855.62	5339.66
KAFB-106003	KAFB-1063	1/27/2006			483.53	0	4856.13	4856.13	4856.13	5339.66
KAFB-106003	KAFB-1063	1/27/2006			483.53	0	4856.13	4856.13	4856.13	5339.66
KAFB-106003	KAFB-1063	4/18/2006			483.59	0	4856.07	4856.07	4856.07	5339.66
KAFB-106003	KAFB-1063	7/20/2006			484.28	0	4855.38	4855.38	4855.38	5339.66
KAFB-106003	KAFB-1063	10/19/2006			484.17	0	4855.49	4855.49	4855.49	5339.66
KAFB-106003	KAFB-1063	1/23/2007			483.57	0	4856.09	4856.09	4856.09	5339.66
KAFB-106003	KAFB-1063	1/23/2007			483.57	0	4856.09	4856.09	4856.09	5339.66
KAFB-106003	KAFB-1063	2/9/2007			483.46	0	4856.2	4856.2	4856.2	5339.66
KAFB-106003	KAFB-1063	4/16/2007			483.08	0	4856.58	4856.58	4856.58	5339.66
KAFB-106003	KAFB-1063	7/24/2007			484.09	0	4855.57	4855.57	4855.57	5339.66
KAFB-106003	KAFB-1063	10/8/2007			484.94	0	4854.72	4854.72	4854.72	5339.66
KAFB-106003	KAFB-1063	2/4/2008			484	0	4855.66	4855.66	4855.66	5339.66
KAFB-106003	KAFB-1063	4/21/2008			483.89	0	4855.77	4855.77	4855.77	5339.66
KAFB-106003	KAFB-1063	7/7/2008			484.94	0	4854.72	4854.72	4854.72	5339.66
KAFB-106003	KAFB-1063	10/27/2008			486.15	0	4853.51	4853.51	4853.51	5339.66
KAFB-106003	KAFB-1063	1/19/2009			485.5	0	4854.16	4854.16	4854.16	5339.66
KAFB-106003	KAFB-1063	7/20/2009			487.27	0	4852.39	4852.39	4852.39	5339.66
KAFB-106003	KAFB-1063	10/19/2009			486.52	0	4853.14	4853.14	4853.14	5339.66
KAFB-106003	KAFB-1063	1/11/2010			485.56	0	4854.1	4854.1	4854.1	5339.66
KAFB-106003	KAFB-1063	5/14/2010			484.05	0	4855.61	4855.61	4855.61	5339.66
KAFB-106003	KAFB-1063	7/6/2010			483.85	0	4855.81	4855.81	4855.81	5339.66
KAFB-106003	KAFB-1063	10/4/2010			484.64	0	4855.02	4855.02	4855.02	5339.66
KAFB-106003	KAFB-1063	1/21/2011			482.55	0	4857.11	4857.11	4857.11	5339.66
KAFB-106003	KAFB-1063	2/23/2011	1322		482.45	0	4857.21	4857.21	4857.21	5339.66
KAFB-106003	KAFB-1063	3/30/2011	1230		482.48	0	4857.18	4857.18	4857.18	5339.66

Table 5-2. Historical Groundwater Level and Liquid Measurement Data

UNIQUE DB ID	LOCID	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH TO NAPL	DEPTH TO WATER	MEASURED NAPL THICKNESS	FLUID ELEV. (ft)	GW ELEV. (ft)	GROUNDWATER ELEV CORR FOR NAPL (ft)	MP ELEV
KAFB3411	KAFB-3411	10/19/2006			487.47	0	4856.05	4856.05	4856.05	5343.52
KAFB3411	KAFB-3411	1/24/2007			487.02	0	4856.5	4856.5	4856.5	5343.52
KAFB3411	KAFB-3411	1/24/2007			487.02	0	4856.5	4856.5	4856.5	5343.52
KAFB3411	KAFB-3411	2/9/2007			486.87	0	4856.65	4856.65	4856.65	5343.52
KAFB3411	KAFB-3411	4/16/2007			486.52	0	4857	4857	4857	5343.52
KAFB3411	KAFB-3411	7/24/2007			487.75	0	4855.77	4855.77	4855.77	5343.52
KAFB3411	KAFB-3411	10/8/2007			488.59	0	4854.93	4854.93	4854.93	5343.52
KAFB3411	KAFB-3411	2/4/2008			487.41	0	4856.11	4856.11	4856.11	5343.52
KAFB3411	KAFB-3411	4/21/2008			487.35	0	4856.17	4856.17	4856.17	5343.52
KAFB3411	KAFB-3411	7/7/2008			488.46	0	4855.06	4855.06	4855.06	5343.52
KAFB3411	KAFB-3411	10/27/2008			489.81	0	4853.71	4853.71	4853.71	5343.52
KAFB3411	KAFB-3411	1/19/2009			489.01	0	4854.51	4854.51	4854.51	5343.52
KAFB3411	KAFB-3411	7/20/2009			489.69	0	4853.83	4853.83	4853.83	5343.52
KAFB3411	KAFB-3411	10/12/2009			490.41	0	4853.11	4853.11	4853.11	5343.52
KAFB3411	KAFB-3411	1/11/2010			489.01	0	4854.51	4854.51	4854.51	5343.52
KAFB3411	KAFB-3411	5/14/2010			465.06	0	4878.46	4878.46	4878.46	5343.52
KAFB3411	KAFB-3411	5/15/2010			487.47	0	4856.05	4856.05	4856.05	5343.52
KAFB3411	KAFB-3411	7/6/2010			487.32	0	4856.2	4856.2	4856.2	5343.52
KAFB3411	KAFB-3411	10/4/2010			488.21	0	4855.31	4855.31	4855.31	5343.52
KAFB3411	KAFB-3411	1/22/2011	1055		486.73	0	4856.79	4856.79	4856.79	5343.52
KAFB3411	KAFB-3411	2/23/2011	902		486.4	0	4857.12	4857.12	4857.12	5343.52
KAFB3411	KAFB-3411	3/29/2011	1115		485.96	0	4857.56	4857.56	4857.56	5343.52
KAFB3411	KAFB-3411	4/25/2011	934		485.87	0	4857.65	4857.65	4857.65	5343.52

Table 5-3. KAFB-1063 and KAFB-10627 Well Cluster Hydraulic Gradient

Well Cluster		KAFB-1063		
Well	Zone	Water Level Elevation (ft)	Mid-Screen Elevation (ft)	Vertical Gradient (ft/ft, - = upward)
KAFB-1063	Shallow	4857.07	4848.57	-0.0258
KAFB-106101	Intermediate	4857.45	4833.85	0.0063
KAFB-106102	Deep	4857.30	4809.90	
Well Cluster		KAFB-10627		
Well	Zone	Water Level Elevation (ft)	Mid-Screen Elevation (ft)	Vertical Gradient (ft/ft, - = upward)
KAFB-10627	Shallow	4858.15	4854.4	-0.0168
KAFB-106044	Intermediate	4858.49	4834.17	0.0021
KAFB-106045	Deep	4858.44	4809.82	

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Table 5-4. 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 (ORP)		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 5-4. 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) (as Diesel)		Decrease	Carbon electron donor	
TPH (Gasoline Range Organics)		Decrease	Carbon electron donor	

**Table 6-1. IDW Rolloff Sampling and Disposal
January–March 2011**

Rolloff #	Date Sampled	Sample ID	Well Location	Disposal
20B-27	1/5/2011	106045IDW3	KAFB-106045	Landfill
20B001	1/6/2011	106044IDW1	KAFB-106044	Landfill
104056	1/6/2011	106139IDW1	KAFB-106139	Landfill
104051	1/10/2011	106044IDW2	KAFB-106044	Landfill
20B-29	1/10/2011	106044IDW3	KAFB-106044	Landfill
104050	1/10/2011	106139IDW2	KAFB-106139	Landfill
104052	1/13/2011	106140IDW1	KAFB-106140	Landfill
104057	1/13/2011	106140IDW2	KAFB-106140	Landfill
104058	1/19/2011	106137IDW1	KAFB-106137	Landfill
20B008	1/20/2011	106137IDW2	KAFB-106137	Landfill
20B-25	1/21/2011	106113IDW1	KAFB-106113	Landfill
A20-067	1/24/2011	106109IDW1	KAFB-106109	Landfill
20B001	1/24/2011	106135IDW1	KAFB-106135	Landfill
104056	1/24/2011	106135IDW2	KAFB-106135	Landfill
A20-081	2/7/2011	106109IDW2	KAFB-106109	Landfill
A20-043	2/7/2011	106113IDW2	KAFB-106113	Landfill
104054	2/9/2011	106132IDW1	KAFB-106132	Landfill
104055	2/9/2011	106132IDW2	KAFB-106132	Landfill
104052	2/9/2011	106133IDW1	KAFB-106133	Landfill
104053	2/10/2011	106115IDW1	KAFB-106115	Landfill
104057	2/10/2011	106133IDW2	KAFB-106133	Landfill
A20-088	2/17/2011	106101IDW1	KAFB-106101	Landfill
20B-28	2/17/2011	106108IDW1	KAFB-106108	Landfill
20B-27	2/17/2011	106108IDW2	KAFB-106108	Landfill
104050	2/18/2011	106115IDW2	KAFB-106115	Landfill
104051	2/21/2011	106101IDW2	KAFB-106101	Landfill
20B-29	2/21/2011	106101IDW3	KAFB-106101	Landfill
20B001	2/21/2011	106130IDW1	KAFB-106130	Landfill
104056	2/21/2011	106130IDW2	KAFB-106130	Landfill
104058	2/21/2011	106134IDW1	KAFB-106134	Landfill
20B008	2/21/2011	106134IDW2	KAFB-106134	Landfill
20B-030	2/23/2011	106110IDW1	KAFB-106110	Landfill
SD1102.20	2/23/2011	106110IDW2	KAFB-106110	Landfill
20B-25	2/23/2011	106114IDW1	KAFB-106114	Landfill
A20-067	2/23/2011	106114IDW2	KAFB-106114	Landfill
SD0605.20	3/1/2011	106102IDW1	KAFB-106102	Landfill
SD0606.20	3/1/2011	106102IDW2	KAFB-106102	Landfill
SD0608.20	3/1/2011	106102IDW3	KAFB-106102	Landfill
20B004	3/1/2011	106112IDW1	KAFB-106112	Landfill

**Table 6-1. IDW Rolloff Sampling and Disposal (continued)
January–March 2011**

Rolloff #	Date Sampled	Sample ID	Well Location	Disposal
104059	3/1/2011	106112IDW2	KAFB-106112	Landfill
SD1103.20	3/3/2011	106111IDW1	KAFB-106111	Landfill
104054	3/3/2011	106111IDW2	KAFB-106111	Landfill
SD1102.20	3/3/2011	106118IDW1	KAFB-106118	Landfill
A20-043	3/3/2011	106129IDW1	KAFB-106129	Landfill
104055	3/3/2011	106129IDW2	KAFB-106129	Landfill
104052	3/3/2011	106131IDW1	KAFB-106131	Landfill
A20-081	3/4/2011	106118IDW2	KAFB-106118	Landfill
SD0607.20	3/7/2011	106116IDW1	KAFB-106116	Landfill
22027	3/7/2011	106116IDW2	KAFB-106116	Landfill
22025	3/7/2011	106119IDW1	KAFB-106119	Landfill
22026	3/7/2011	106119IDW2	KAFB-106119	Landfill
20B-27	3/7/2011	106128IDW1	KAFB-106128	Landfill
A20-088	3/7/2011	106128IDW2	KAFB-106128	Landfill
22023	3/7/2011	106131IDW2	KAFB-106131	Landfill
104057	3/9/2011	106062IDW1	KAFB-106062	Landfill
A20-028	3/9/2011	106076IDW1	KAFB-106076	Landfill
104050	3/9/2011	106117IDW1	KAFB-106117	Landfill
104053	3/9/2011	106117IDW2	KAFB-106117	Landfill
20B-28	3/14/2011	106061IDW1	KAFB-106061	Landfill
A20-068	3/14/2011	106062IDW2	KAFB-106062	Landfill
20B001	3/15/2011	106048IDW1	KAFB-106048	Landfill
A20-037	3/15/2011	106061IDW2	KAFB-106061	Landfill
A20-014	3/15/2011	106062IDW3	KAFB-106062	Landfill
A20-033	3/15/2011	106076IDW2	KAFB-106076	Landfill
20B008	3/17/2011	106048IDW2	KAFB-106048	Landfill
20B-29	3/17/2011	106048IDW3	KAFB-106048	Landfill
A20-074	3/17/2011	106079IDW1	KAFB-106079	Landfill
20001	3/17/2011	106082IDW1	KAFB-106082	Landfill
104051	3/18/2011	106082IDW2	KAFB-106082	Landfill
104056	3/21/2011	106061IDW3	KAFB-106061	Landfill
A20-024	3/21/2011	106079IDW2	KAFB-106079	Landfill
104058	3/21/2011	106079IDW3	KAFB-106079	Landfill
SD0606.20	3/22/2011	106061IDW4	KAFB-106061	Landfill
SD0605.20	3/22/2011	106064IDW1	KAFB-106064	Landfill
20B-25	3/22/2011	106064IDW2	KAFB-106064	Landfill
10	3/22/2011	106064IDW3	KAFB-106064	Landfill
20B-30	3/22/2011	106078IDW1	KAFB-106078	Landfill
A20-067	3/22/2011	106078IDW2	KAFB-106078	Landfill

**Table 6-1. IDW Rolloff Sampling and Disposal (concluded)
January–March 2011**

Rolloff #	Date Sampled	Sample ID	Well Location	Disposal
SD0608.20	3/23/2011	106047IDW1	KAFB-106047	Landfill
SD1102.20	3/23/2011	106084IDW1	KAFB-106084	Landfill
413803	3/24/2011	106047IDW2	KAFB-106047	Landfill
413810	3/24/2011	106047IDW3	KAFB-106047	Landfill
12	3/24/2011	106081IDW1	KAFB-106081	Landfill
20B004	3/29/2011	106084IDW2	KAFB-106084	Landfill
413805	3/29/2011	106084IDW3	KAFB-106084	Landfill
104055	3/29/2011	106084IDW4	KAFB-106084	Landfill
104054	3/31/2011	106063IDW1	KAFB-106063	Landfill
SD1103.20	3/31/2011	106063IDW2	KAFB-106063	Landfill
413809	3/31/2011	106063IDW3	KAFB-106063	Landfill
413804	3/31/2011	106078IDW3	KAFB-106078	Landfill
A20-043	3/31/2011	106078IDW4	KAFB-106078	Landfill
104059	3/31/2011	106081IDW2	KAFB-106081	Landfill
413806	3/31/2011	106081IDW3	KAFB-106081	Landfill
413811	3/31/2011	106081IDW4	KAFB-106081	Landfill
ID	identification number			
IDW	investigation-derived waste			

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**Table 6-2. Wastewater Sampling and Disposal
January–March 2011**

Tank	Date Sampled	Sample ID	Type of Wastewater	Disposal
106137	1/24/2011	106137WW1	Decon	Discharged BFF.
106140	1/24/2011	106140WW1	Decon	Discharged BFF.
106139	1/24/2011	106139WW1	Decon	Discharged BFF.
106045	1/24/2011	106045WW1	Decon/development	Premature sample. Resampled.
106045	2/7/2011	106045WW2	Decon/development	Discharged BFF.
106044	2/7/2011	106044WW1	Decon/development	Discharged BFF.
106135	2/7/2011	106135WW1	Decon	Discharged BFF.
106113	2/17/2011	106113WW1	Decon	Discharged BFF.
106109	2/17/2011	106109WW1	Decon	Discharged BFF.
106133	2/18/2011	106133WW1	Decon	Discharged BFF.
106132	2/18/2011	106132WW1	Decon	Discharged BFF.
106115	2/21/2011	106115WW1	Decon	Discharged BFF.
106108	2/21/2011	106108WW1	Decon	Discharged BFF.
106130	2/23/2011	106130WW1	Decon	Discharged BFF.
106101	2/23/2011	106101WW1	Decon	Pending off-site disposal.
106134	3/2/2011	106134WW1	Decon	Discharged BFF.
106110	3/2/2011	106110WW1	Decon	Discharged BFF.
106114	3/2/2011	106114WW1	Decon	Discharged BFF.
106112	3/3/2011	106112WW1	Decon	Discharged BFF.
106111	3/7/2011	106111WW1	Decon	Discharged BFF.
106119	3/7/2011	106119WW1	Decon	Discharged BFF.
106129	3/7/2011	106129WW1	Decon	Pending off-site disposal.
106118	3/8/2011	106118WW1	Decon	Pending approval for discharge.
106131	3/8/2011	106131WW1	Decon	Pending approval for discharge.
106128	3/9/2011	106128WW1	Decon	Discharged BFF.
106116	3/14/2011	106116WW1	Decon	Discharged BFF.
106117	3/21/2011	106117WW1	Decon	Discharged BFF.
106101	3/21/2011	106101WW2	Decon/development	Discharged BFF.
106102	3/21/2011	106102WW1	Decon/development	Discharged BFF.

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**Table 6-3. IDW Groundwater Sampling Storage and Disposal
January – March 2011**

Monitoring Well	Purge IDW Gallons	Storage/Disposal	Monitoring Well	Purge IDW Gallons	Storage/Disposal
KAFB-1061	54	Well	KAFB-10617	46	BFF
KAFB-1062	45	Well	KAFB-10618	49	Off-site
KAFB-1063	55	Well	KAFB-10619	38	BFF (NOI pending)
KAFB-1064	50	BFF	KAFB-10620	48	BFF
KAFB-1065	31	Off-site	KAFB-10621	47	BFF (NOI pending)
KAFB-1066	26	Off-site	KAFB-10622	48	BFF (NOI pending)
KAFB-1067	55	Well	KAFB-10623	53	BFF
KAFB-1068	30	Off-site	KAFB-10624	43	Well (NOI pending)
KAFB-1069	34	Off-site	KAFB-10625	51	BFF (NOI pending)
KAFB-10610	40	Off-site	KAFB-10626	45	BFF
KAFB-10611	50	Well	KAFB-10627	25	BFF
KAFB-10612	52	Well	KAFB-10628	37	Off-site
KAFB-10613	45	BFF	KAFB-106044	55	Well
KAFB-10614	36	Off-site	KAFB-106045	95	Well
KAFB-10615	50	Well	KAFB-3411	54	Well
KAFB-10616	55	Well			
BFF	Indicates investigation-derived waste (IDW) purge water storage at KAFB Bulk Fuels Facility near Shaw's field office trailer.				
Off-site	Indicates the purge water was manifested as hazardous waste and sent off-site for disposal.				
Well	Indicates IDW purge water was drummed and stored at the well location on KAFB.				
NOI	Notice of Intent				

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**Table 6-4. IDW SVE Unit Condensate Pickup and Disposal
January–March 2011**

Condensate Pickup Date	Number of Containers	Quantity in Pounds
January 14, 2011	3	1500
January 25, 2011	1	450
January 25, 2011	2	900
February 9, 2011	2	1000
February 9, 2011	2	1000
March 4, 2011	4	1500
IDW investigation-derived waste		
SVE soil-vapor extraction		

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