



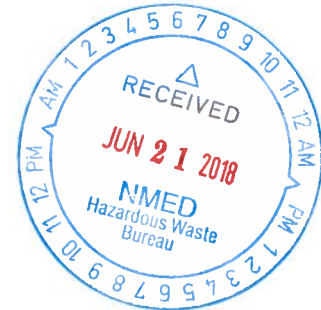
DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)



Colonel Richard W. Gibbs, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

JUN 18 2018

Mr. John Kieling, Bureau Chief
Hazardous Waste Bureau (HWB)
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East, Building 1
Santa Fe NM 87505-6303



Dear Mr. Kieling

This letter serves as notification for the assignment KAFB-106235 and KAFB-106236 nested wells from the Newly Installed Well Group into the Downgradient Proximal Well Group in the Kirtland Bulk Fuels Facility groundwater monitoring network. Four consecutive quarters of baseline sampling have been completed as specified in Section 3.1.11.1 of the *Work Plan for Bulk Fuels Facility Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design Revision 2, Solid Waste Management Unit (SWMU) ST-106/SS-111* approved by NMED on May 31, 2017. All groundwater samples collected from these wells have been nondetect for organic compounds (Table 1). Figure 1 provides the location of the KAFB-106235 and KAFB-106236 well nests. Beginning in Q3 of 2018, these wells will be assigned to the Downgradient Proximal sampling regimen, which includes quarterly ethylene dibromide (EDB) sampling and semiannual sampling for metals, anions, and alkalinity (Table 2).

If you have any questions or concerns, please contact Mr. Scott Clark at (505) 846-9017 or at scott.clark@us.af.mil.

Sincerely

RICHARD W. GIBBS, Colonel, USAF
Commander

Attachments:

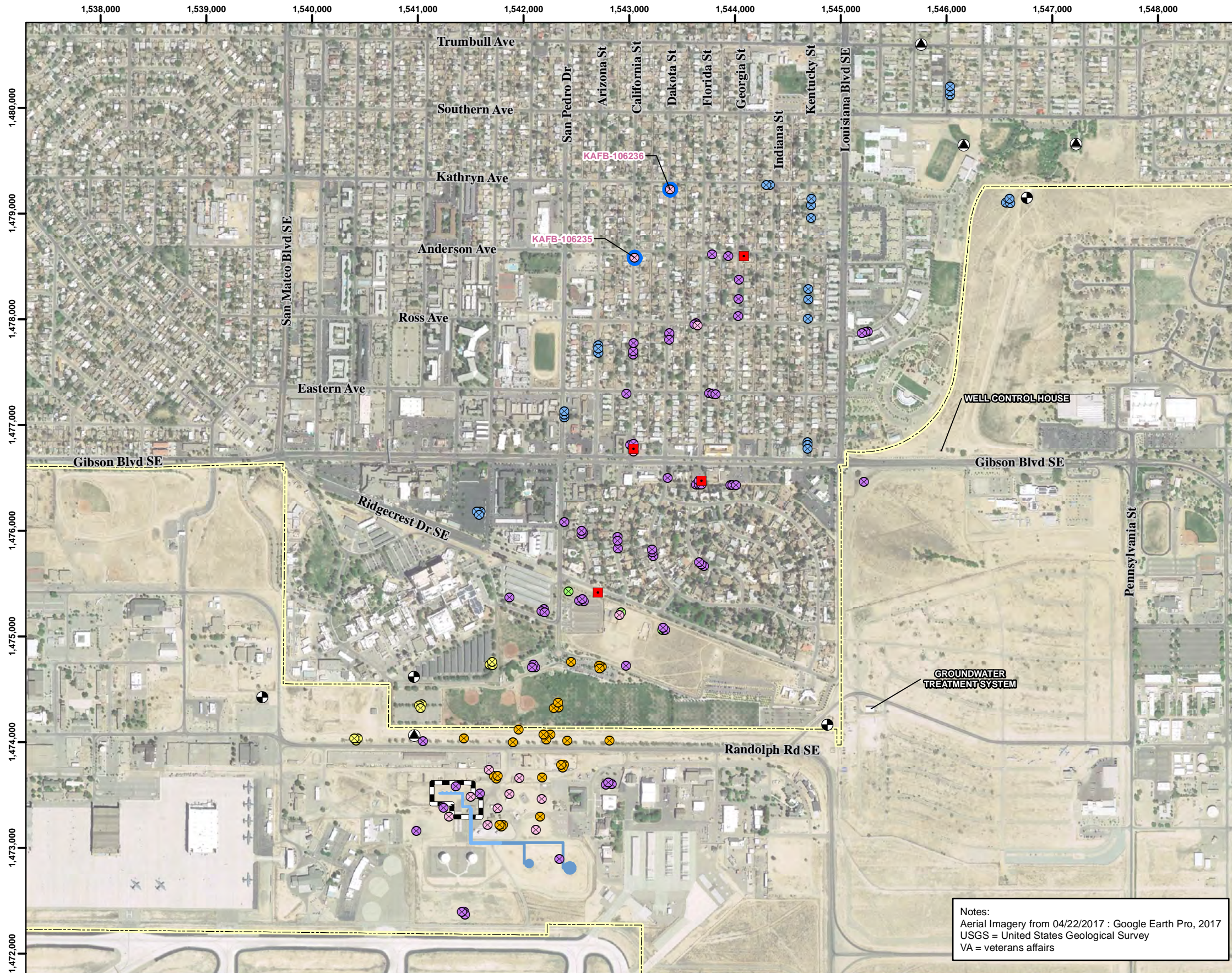
1. Figure 1, Location of KAFB-106235 and KAFB-106236 Wells
2. Table 1, Groundwater Analytical Results for KAFB-106235 and KAFB-106236
3. Table 2, Groundwater Monitoring Program

cc:

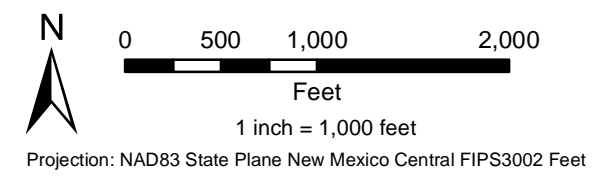
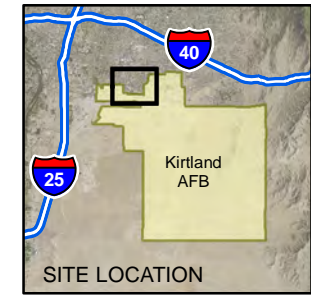
NMED (Borrego) letter
NMED-OOTS (McQuillan), letter and CD
NMED GWQB (Hunter), letter and CD
EPA Region 6 (King, Ellinger), letter and CD
COA (Faris), letter and CD
ABCWUA (Shean), letter and CD
SAF-IEE (Lynnes), electronic only
AFCEC/CZ (Renaghan, Clark, O'Grady, Segura), electronic only
USACE-ABQ District Office (Simpler, Phaneuf, Dreeland, Sanchez, Salazar), electronic only
Public Info Repository, Administrative Record/Information Repository (AR/IR) and File

KAFB4677





- Legend**
- Proposed Downgradient Proximal Monitoring Well
 - Newly Added Monitoring Well
 - Groundwater Monitoring Well
 - Signal Monitoring Well
 - Source Area Monitoring Well
 - VA Proximal Monitoring Well
 - Downgradient Proximal Monitoring Well
 - Extraction Well
 - USGS Sentinel Well Group
 - Drinking Water Supply Well
 - Installation Boundary
 - Former Buried Fuel Transfer Line
 - Former Aboveground Fuel Transfer Line
 - Former Aboveground Storage Tank
 - Bulk Fuels Facility (SWMU ST-106/SS-111)



KIRTLAND BULK FUELS FACILITY
GROUNDWATER MONITORING PROGRAM

FIGURE 1

LOCATION OF KAFB-106235 AND
KAFB-106236 - ASSIGNMENT TO
DOWNGRADIANT PROXIMAL
MONITORING WELLS

Notes:
Aerial Imagery from 04/22/2017 : Google Earth Pro, 2017
USGS = United States Geological Survey
VA = veterans affairs

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106235-463		KAFB-106235-463		KAFB-106235-463							
		Field Sample ID:		GW235-463-164		GW235-463-171		GW235-463-172							
		Sample Date:		12/7/2016		1/26/2017		4/7/2017							
		Sample Type:		REG		REG		REG							
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	ND	U	1	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-463	KAFB-106235-463			KAFB-106235-463					
			Field Sample ID:			GW235-463-164	GW235-463-171			GW235-463-172					
			Sample Date:			12/7/2016	1/26/2017			4/7/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	ND	U	1	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	ND	U	1	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	ND	U	1	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	--	--	--	62.5	--	0.200	57.9	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	--	--	--	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	--	--	--	9.25	--	0.0500	8.67	J	0.0500
		Manganese, dissolved	0.2	NS	NS	0.2	--	--	--	0.484	--	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	--	--	--	4.22	--	0.500	3.67	J	0.500
		Sodium	NS	NS	NS	NS	--	--	--	30.9	--	0.500	27.0	J	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	--	--	--	0.00078	J	0.0020	0.00083	J	0.0020
		Lead	0.05	0.015	0.015	0.015	--	--	--	0.00023	J	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	--	--	--	1.5	J	2.5	ND	U	2.5
		Chloride	250	250	NS	250	--	--	--	74.2	--	20.0	65.2	--	20.0
		Sulfate	600	250	NS	250	--	--	--	72.5	J	5.0	63.0	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	--	--	--	1.9	--	0.10	1.8	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	86.1	--	5.0	88.6	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	--	--	--	86.1	--	5.0	88.6	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106235-463		KAFB-106235-463		KAFB-106235-463							
		Field Sample ID:		GW235-463-172		GW235-463-173		GW235-463-174							
		Sample Date:		5/9/2017		7/12/2017		10/2/2017							
		Sample Type:		REG		REG		REG							
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	ND	U	1
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	ND	U	1
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	ND	U	1
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	ND	U	1
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	ND	U	1
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	ND	U	1
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	2
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	ND	U	2
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	ND	U	2
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	ND	U	2
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	ND	U	2
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	ND	U	4
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	ND	U	1
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	ND	U	2
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	ND	U	1
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	ND	U	1
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	ND	U	2
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	ND	U	2
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	ND	U	1
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	ND	U	2
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	1
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	ND	U	8
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	ND	U	2
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	ND	U	8
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	ND	U	2
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	2
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	ND	U	8
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	ND	U	20
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	ND	U	100
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	ND	U	10
		Benzene	10	5	4.5	5	--	--	--	--	--	--	ND	U	1
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	ND	U	2
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	ND	U	2
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	ND	U	1		
Bromoform	NS	80	33	80	--	--	--	--	--	--	ND	U	1		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	ND	U	1		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	ND	U	2		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	ND	U	1		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	ND	U	1		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	ND	U	1		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	ND	U	1		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	ND	U	1		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	ND	U	1		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	ND	U	1		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-463	KAFB-106235-463			KAFB-106235-463					
			Field Sample ID:			GW235-463-172	GW235-463-173			GW235-463-174					
			Sample Date:			5/9/2017	7/12/2017			10/2/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	ND	U	1
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	ND	U	1
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	ND	U	1
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--	ND	U	1
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	ND	U	4
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	ND	U	2
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	ND	U	1
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	ND	U	1
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	ND	U	1
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	ND	U	2
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	ND	U	2
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	ND	U	2
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	ND	U	1
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	ND	U	2
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	ND	U	2
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	ND	U	2
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	ND	U	1
		Toluene	750	1000	1,100	750	--	--	--	--	--	--	ND	U	1
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	ND	U	1
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	ND	U	1
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	ND	U	1		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	ND	U	1		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	ND	U	4		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	ND	U	1		
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--	ND	U	1		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	--	--	--	58.2	--	0.200	50.6	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	--	--	--	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	--	--	--	8.36	--	0.100	7.33	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	--	--	--	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	--	--	--	ND	U	0.500	3.46	--	0.500
		Sodium	NS	NS	NS	NS	--	--	--	26.9	--	0.500	25.0	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	--	--	--	ND	U	0.0020	0.00097	J	0.0020
		Lead	0.05	0.015	0.015	0.015	--	--	--	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	--	--	--	1.7	J	2.5	ND	U	2.5
		Chloride	250	250	NS	250	--	--	--	58.3	J	20.0	51.8	--	20.0
		Sulfate	600	250	NS	250	--	--	--	65.5	J	5.0	52.1	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	--	--	--	1.9	--	0.10	1.7	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	85.0	--	5.0	99.9	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	--	--	--	85.0	--	5.0	99.9	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106235-463			KAFB-106235-463			KAFB-106235-492						
		Field Sample ID:		GW235-463-181			GW235-463-182			GW235-492-164						
		Sample Date:		1/11/2018			4/2/2018			12/7/2016						
		Sample Type:		REG			REG			REG						
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--	
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--	
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--	
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--	
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--	
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--	
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--	
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--	
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--	
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--	
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--	
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--	
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--	
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--	
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--	
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--	
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--	
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--	
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--	
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--	
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--	
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--	
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--	
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--	
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--	
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--	
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--	
		Benzene	10	5	4.5	5	--	--	--	--	--	--	--	ND	U	1
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--	
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--			
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--			
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--			
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--			
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--			
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--			
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--			
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--			
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--			
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--			
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--			

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-463	KAFB-106235-463			KAFB-106235-492						
			Field Sample ID:			GW235-463-181	GW235-463-182			GW235-492-164						
			Sample Date:			1/11/2018	4/2/2018			12/7/2016						
			Sample Type:			REG	REG			REG						
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--	
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--	
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--	
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--	--	ND	U	1
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--	
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--	
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--	
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--	
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--	
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--	
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--	
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--	
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--	
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--	
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--	
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--	
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--	
		Toluene	750	1000	1,100	750	--	--	--	--	--	--	--	ND	U	1
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--	
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--	
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--			
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--			
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--			
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--			
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--	--	--	ND	U	1	
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	59.4	--	0.200	61.1	--	0.200	--	--	--	
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	--	--	--	
		Magnesium	NS	NS	NS	NS	8.83	--	0.100	8.76	--	0.100	--	--	--	
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050	--	--	--	
		Potassium	NS	NS	NS	NS	3.58	--	0.500	3.58	--	0.500	--	--	--	
		Sodium	NS	NS	NS	NS	27.8	--	0.500	27.4	--	0.500	--	--	--	
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.0011	J	0.0020	0.0012	J	0.0020	--	--	--	
	Lead	0.05	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	--	--	--		
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	1.3	J	2.5	1.8	J	2.5	--	--	--	
		Chloride	250	250	NS	250	68.6	--	20.0	76.2	--	20.0	--	--	--	
		Sulfate	600	250	NS	250	59.0	--	5.0	57.6	--	5.0	--	--	--	
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	1.9	--	0.10	2.2	J	0.20	--	--	--	
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	81.7	--	5.0	79.9	J	5.0	--	--	--	
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	--	--	--	
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	81.7	--	5.0	79.9	J	5.0	--	--	--	

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106235-492			KAFB-106235-492			KAFB-106235-492		
		Field Sample ID:					GW235-492-171			GW235-492-172			GW235-492-173		
		Sample Date:					1/26/2017			4/7/2017			7/12/2017		
		Sample Type:					REG			REG			REG		
Parameter	Analytical Method	Analyte	NMAC NMWQCC^a	EPA MCL^b	EPA RSL^c	Project Screening Level^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	--	--	--	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-492	KAFB-106235-492			KAFB-106235-492					
			Field Sample ID:			GW235-492-171	GW235-492-172			GW235-492-173					
			Sample Date:			1/26/2017	4/7/2017			7/12/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	65.7	--	0.200	61.4	--	0.200	62.1	J	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	9.42	--	0.0500	9.12	J	0.0500	8.95	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	0.0450	--	0.0050	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	3.56	--	0.500	3.36	J	0.500	ND	U	0.500
		Sodium	NS	NS	NS	NS	31.1	--	0.500	28.4	J	0.500	27.4	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	ND	U	0.0020	0.0010	J	0.0020	0.001	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00012	J	0.00025	0.000098	J	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	1.5	J	2.5	ND	U	2.5	1.8	J	2.5
		Chloride	250	250	NS	250	70.3	--	20.0	71.5	--	20.0	70.2	J	20.0
		Sulfate	600	250	NS	250	82.8	J	50.0	74.7	--	5.0	63.7	J	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	2.0	--	0.10	2.0	J	0.10	2.0	--	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	80.6	--	5.0	85.8	--	5.0	83.6	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	80.6	--	5.0	85.8	--	5.0	83.6	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106235-492			KAFB-106235-492			KAFB-106235-492		
		Field Sample ID:					GW235-492-174			GW235-492-181			GW235-492-182		
		Sample Date:					10/2/2017			1/11/2018			4/2/2018		
		Sample Type:					REG			REG			REG		
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	ND	U	1	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	ND	U	1	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	ND	U	1	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	ND	U	1	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	ND	U	1	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	ND	U	1	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	ND	U	2	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	ND	U	2	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	ND	U	2	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	ND	U	2	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	ND	U	2	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	ND	U	4	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	1	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	ND	U	2	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	ND	U	1	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	ND	U	1	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	ND	U	2	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	ND	U	2	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	ND	U	1	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	ND	U	2	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	ND	U	1	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	ND	U	8	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	ND	U	2	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	ND	U	8	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	ND	U	2	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	ND	U	2	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	ND	U	8	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	ND	U	20	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	ND	U	100	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	ND	U	10	--	--	--	--	--	--
		Benzene	10	5	4.5	5	ND	U	1	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	ND	U	2	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	ND	U	2	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	ND	U	1	--	--	--	--	--	--		
Bromoform	NS	80	33	80	ND	U	1	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	ND	U	1	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	ND	U	2	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	ND	U	1	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	ND	U	1	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	ND	U	1	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	ND	U	1	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	ND	U	1	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	ND	U	1	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	ND	U	1	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-492	KAFB-106235-492			KAFB-106235-492					
			Field Sample ID:			GW235-492-174	GW235-492-181			GW235-492-182					
			Sample Date:			10/2/2017	1/11/2018			4/2/2018					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	ND	U	1	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	ND	U	1	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	ND	U	1	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	ND	U	1	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	ND	U	4	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	ND	U	2	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	ND	U	1	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	ND	U	1	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	ND	U	1	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	ND	U	2	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	ND	U	2	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	ND	U	2	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	ND	U	1	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	ND	U	2	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	ND	U	2	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	ND	U	2	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	ND	U	1	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	ND	U	1	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	ND	U	1	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	ND	U	1	--	--	--	--	--	--
		Trichloroethene	100	5	4.9	5	ND	U	1	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	1,100	1,100	ND	U	1	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	ND	U	4	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	ND	U	1	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	ND	U	1	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	61.6	--	0.200	62.9	--	0.200	59.6	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	8.97	--	0.100	9.18	--	0.100	8.42	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050	0.0032	J	0.0050
		Potassium	NS	NS	NS	NS	3.41	--	0.500	3.36	--	0.500	3.18	--	0.500
		Sodium	NS	NS	NS	NS	27.1	--	0.500	29.6	--	0.500	27.8	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.0010	J	0.0020	ND	U	0.0020	0.0011	J	0.0020
		Lead	0.05	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	ND	U	2.5	1.3	J	2.5
		Chloride	250	250	NS	250	75.0	--	20.0	60.3	--	20.0	58.6	--	20.0
		Sulfate	600	250	NS	250	62.2	--	5.0	69.0	--	5.0	69.4	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	2.0	J	0.10	1.8	--	0.10	1.8	J	0.20
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	95.0	--	5.0	83.6	--	5.0	88.5	J	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	95.0	--	5.0	83.6	--	5.0	88.5	J	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106235-521			KAFB-106235-521			KAFB-106235-521		
		Field Sample ID:					GW235-521-164			GW235-521-171			GW235-521-172		
		Sample Date:					12/7/2016			1/26/2017			4/7/2017		
		Sample Type:					REG			REG			REG		
Parameter	Analytical Method	Analyte	NMAC NMWQCC^a	EPA MCL^b	EPA RSL^c	Project Screening Level^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	ND	U	1	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-521	KAFB-106235-521			KAFB-106235-521					
			Field Sample ID:			GW235-521-164	GW235-521-171			GW235-521-172					
			Sample Date:			12/7/2016	1/26/2017			4/7/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	ND	U	1	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	ND	U	1	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	ND	U	1	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	--	--	--	51.8	--	0.200	48.7	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	--	--	--	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	--	--	--	6.76	--	0.0500	6.76	J	0.0500
		Manganese, dissolved	0.2	NS	NS	0.2	--	--	--	0.263	--	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	--	--	--	3.24	--	0.500	2.98	J	0.500
		Sodium	NS	NS	NS	NS	--	--	--	25.1	--	0.500	22.7	J	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	--	--	--	ND	U	0.0020	ND	U	0.0020
	Lead	0.05	0.015	0.015	0.015	--	--	--	0.00041	J	0.00025	0.0019	J	0.00025	
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	--	--	--	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	--	--	--	35.8	--	20.0	28.7	--	2.0
		Sulfate	600	250	NS	250	--	--	--	62.0	J	5.0	53.2	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	--	--	--	0.37	--	0.10	0.70	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	114	--	5.0	110	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	--	--	--	114	--	5.0	110	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106235-521			KAFB-106235-521			KAFB-106235-521					
		Field Sample ID:		GW235-521-173			GW235-521-174			GW235-521-181					
		Sample Date:		7/12/2017			10/2/2017			1/11/2018					
		Sample Type:		REG			REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	ND	U	1	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	ND	U	1	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	ND	U	1	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	ND	U	1	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	ND	U	1	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	ND	U	1	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	ND	U	2	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	ND	U	2	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	ND	U	2	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	ND	U	2	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	ND	U	2	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	ND	U	4	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	ND	U	1	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	ND	U	2	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	ND	U	1	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	ND	U	1	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	ND	U	2	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	ND	U	2	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	ND	U	1	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	ND	U	2	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	ND	U	1	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	ND	U	8	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	ND	U	2	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	ND	U	8	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	ND	U	2	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	ND	U	2	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	ND	U	8	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	ND	U	20	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	ND	U	100	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	ND	U	10	--	--	--
		Benzene	10	5	4.5	5	--	--	--	ND	U	1	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	ND	U	2	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	ND	U	2	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	ND	U	1	--	--	--		
Bromoform	NS	80	33	80	--	--	--	ND	U	1	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	ND	U	1	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	ND	U	2	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	ND	U	1	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	ND	U	1	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	ND	U	1	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	ND	U	1	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	ND	U	1	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	ND	U	1	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	ND	U	1	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-521	KAFB-106235-521			KAFB-106235-521					
			Field Sample ID:			GW235-521-173	GW235-521-174			GW235-521-181					
			Sample Date:			7/12/2017	10/2/2017			1/11/2018					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	ND	U	1	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	ND	U	1	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	ND	U	1	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	ND	U	1	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	ND	U	4	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	ND	U	2	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	ND	U	1	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	ND	U	1	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	ND	U	1	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	ND	U	2	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	ND	U	2	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	ND	U	2	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	ND	U	1	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	ND	U	2	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	ND	U	2	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	ND	U	2	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	ND	U	1	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	ND	U	1	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	ND	U	1	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	ND	U	1	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	ND	U	1	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	ND	U	1	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	ND	U	4	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	ND	U	1	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	ND	U	1	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	51.4	--	0.200	50.8	--	0.200	62.6	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	6.96	--	0.100	6.78	--	0.100	8.86	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	ND	U	0.500	3.47	--	0.500	3.13	--	0.500
		Sodium	NS	NS	NS	NS	23.7	--	0.500	39.0	--	0.500	26.6	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00081	J	0.0020	0.00094	J	0.0020	0.00091	J	0.0020
		Lead	0.05	0.015	0.015	0.015	ND	U	0.00025	0.00014	J	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	36.6	J	8.0	45.2	--	20.0	54.1	--	20.0
		Sulfate	600	250	NS	250	61.2	J	5.0	62.6	--	5.0	73.7	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	0.83	--	0.10	0.82	J	0.10	1.5	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	92.9	--	5.0	131	--	5.0	81.2	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	92.9	--	5.0	131	--	5.0	81.2	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106235-521	KAFB-106236-461			KAFB-106236-461				
		Field Sample ID:					GW235-521-182	GW236-461-164			GW236-461-171				
		Sample Date:					4/2/2018	12/5/2016			2/2/2017				
		Sample Type:					REG	REG			REG				
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	--	--	--	ND	U	1	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106235-521	KAFB-106236-461			KAFB-106236-461					
			Field Sample ID:			GW235-521-182	GW236-461-164			GW236-461-171					
			Sample Date:			4/2/2018	12/5/2016			2/2/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	ND	U	1	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	ND	U	1	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	ND	U	1	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	64.3	--	0.200	--	--	--	ND	U	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	--	--	--	ND	U	0.200
		Magnesium	NS	NS	NS	NS	8.80	--	0.100	--	--	--	7.16	--	0.0500
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	--	--	--	0.425	J	0.0050
		Potassium	NS	NS	NS	NS	3.16	--	0.500	--	--	--	ND	U	0.500
		Sodium	NS	NS	NS	NS	27.1	--	0.500	--	--	--	58.4	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00097	J	0.0020	--	--	--	0.00078	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00036	J	0.00025	--	--	--	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	1.4	J	2.5	--	--	--	ND	U	2.5
		Chloride	250	250	NS	250	55.8	--	20.0	--	--	--	53.4	--	20.0
		Sulfate	600	250	NS	250	83.0	--	50.0	--	--	--	109	--	50.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	1.7	J	0.10	--	--	--	0.51	--	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	82.2	J	5.0	--	--	--	--	--	--
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	--	--	--	--	--	--
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	82.2	J	5.0	--	--	--	--	--	--

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106236-461		KAFB-106236-461		KAFB-106236-461							
		Field Sample ID:		GW236-461-172		GW236-461-172		GW236-461-173							
		Sample Date:		4/5/2017		5/9/2017		7/10/2017							
		Sample Type:		REG		REG		REG							
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	--	--	--	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-461	KAFB-106236-461			KAFB-106236-461					
			Field Sample ID:			GW236-461-172	GW236-461-172			GW236-461-173					
			Sample Date:			4/5/2017	5/9/2017			7/10/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	50.0	--	0.200	--	--	--	45.8	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	--	--	--	ND	U	0.200
		Magnesium	NS	NS	NS	NS	7.08	--	0.0500	--	--	--	6.16	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	0.0025	J	0.0050	--	--	--	ND	U	0.0050
		Potassium	NS	NS	NS	NS	5.29	--	0.500	--	--	--	3.20	--	0.500
		Sodium	NS	NS	NS	NS	39.1	--	0.500	--	--	--	30.1	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00073	J	0.0020	--	--	--	0.00078	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00010	J	0.00025	--	--	--	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	--	--	--	ND	U	2.5
		Chloride	250	250	NS	250	48.7	J	4.0	--	--	--	40.0	--	8.0
		Sulfate	600	250	NS	250	85.1	J	10.0	--	--	--	75.0	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	1.1	J	0.10	--	--	--	0.72	--	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	96.8	--	5.0	--	--	--	104	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	--	--	--	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	96.8	--	5.0	--	--	--	104	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:		KAFB-106236-461		KAFB-106236-461		KAFB-106236-461							
		Field Sample ID:		GW236-461-174		GW236-461-181		GW236-461-182							
		Sample Date:		10/2/2017		1/8/2018		4/2/2018							
		Sample Type:		REG		REG		REG							
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	ND	U	1	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	ND	U	1	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	ND	U	1	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	ND	U	1	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	ND	U	1	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	ND	U	1	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	ND	U	2	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	ND	U	2	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	ND	U	2	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	ND	U	2	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	ND	U	2	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	ND	U	4	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	1	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	ND	U	2	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	ND	U	1	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	ND	U	1	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	ND	U	2	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	ND	U	2	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	ND	U	1	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	ND	U	2	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	ND	U	1	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	ND	U	8	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	ND	U	2	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	ND	U	8	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	ND	U	2	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	ND	U	2	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	ND	U	8	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	ND	U	20	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	ND	U	100	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	ND	U	10	--	--	--	--	--	--
		Benzene	10	5	4.5	5	ND	U	1	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	ND	U	2	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	ND	U	2	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	ND	U	1	--	--	--	--	--	--		
Bromoform	NS	80	33	80	ND	U	1	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	ND	U	1	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	ND	U	2	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	ND	U	1	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	ND	U	1	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	ND	U	1	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	ND	U	1	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	ND	U	1	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	ND	U	1	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	ND	U	1	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-461	KAFB-106236-461			KAFB-106236-461					
			Field Sample ID:			GW236-461-174	GW236-461-181			GW236-461-182					
			Sample Date:			10/2/2017	1/8/2018			4/2/2018					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	ND	U	1	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	ND	U	1	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	ND	U	1	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	ND	U	1	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	ND	U	4	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	ND	U	2	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	ND	U	1	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	ND	U	1	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	ND	U	1	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	ND	U	2	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	ND	U	2	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	ND	U	2	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	ND	U	1	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	ND	U	2	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	ND	U	2	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	ND	U	2	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	ND	U	1	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	ND	U	1	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	ND	U	1	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	ND	U	1	--	--	--	--	--	--
		Trichloroethene	100	5	4.9	5	ND	U	1	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	1,100	1,100	ND	U	1	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	ND	U	4	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	ND	U	1	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	ND	U	1	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	38.2	--	0.200	51.5	--	0.200	50.8	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	5.16	--	0.100	7.09	--	0.100	7.00	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	3.18	--	0.500	3.21	--	0.500	3.17	--	0.500
		Sodium	NS	NS	NS	NS	22.1	--	0.500	33.8	--	0.500	32.4	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.0014	J	0.0020	ND	U	0.0020	0.0010	J	0.0020
		Lead	0.05	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	1.3	J	2.5	ND	U	2.5
		Chloride	250	250	NS	250	21.1	--	2.0	44.9	--	20.0	44.5	--	20.0
		Sulfate	600	250	NS	250	37.9	--	5.0	64.5	--	5.0	63.7	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	0.86	J	0.10	1.2	--	0.10	1.5	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	113	--	5.0	95.3	--	5.0	94.5	J	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	113	--	5.0	95.3	--	5.0	94.5	J	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-490	KAFB-106236-490			KAFB-106236-490					
			Field Sample ID:			GW236-490-164	GW236-490-171			GW236-490-172					
			Sample Date:			12/5/2016	2/2/2017			4/5/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	ND	U	1	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-490	KAFB-106236-490			KAFB-106236-490					
			Field Sample ID:			GW236-490-164	GW236-490-171			GW236-490-172					
			Sample Date:			12/5/2016	2/2/2017			4/5/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	ND	U	1	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	ND	U	1	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	ND	U	1	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	--	--	--	ND	U	0.200	48.3	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	--	--	--	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	--	--	--	7.36	--	0.0500	6.88	--	0.0500
		Manganese, dissolved	0.2	NS	NS	0.2	--	--	--	0.110	J	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	--	--	--	ND	U	0.500	3.22	--	0.500
		Sodium	NS	NS	NS	NS	--	--	--	26.7	--	0.500	23.6	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	--	--	--	ND	U	0.0020	ND	U	0.0020
		Lead	0.05	0.015	0.015	0.015	--	--	--	ND	U	0.00025	0.00024	J	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	--	--	--	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	--	--	--	44.8	--	20.0	37.9	J	8.0
		Sulfate	600	250	NS	250	--	--	--	73.8	--	5.0	53.9	J	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	--	--	--	1.3	--	0.10	1.1	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	102	--	5	90.2	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	--	--	--	ND	U	5	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	--	--	--	102	--	5.0	90.2	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106236-490			KAFB-106236-490			KAFB-106236-490		
		Field Sample ID:					GW236-490-173			GW236-490-174			GW236-490-181		
		Sample Date:					7/10/2017			10/2/2017			1/8/2018		
		Sample Type:					REG			REG			REG		
Parameter	Analytical Method	Analyte	NMAC NMWQCC^a	EPA MCL^b	EPA RSL^c	Project Screening Level^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.020
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	ND	U	1	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	ND	U	1	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	ND	U	1	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	ND	U	1	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	ND	U	1	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	ND	U	1	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	ND	U	2	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	ND	U	2	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	ND	U	2	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	ND	U	2	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	ND	U	2	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	ND	U	4	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	ND	U	1	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	ND	U	2	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	ND	U	1	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	ND	U	1	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	ND	U	2	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	ND	U	2	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	ND	U	1	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	ND	U	2	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	ND	U	1	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	ND	U	8	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	ND	U	2	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	ND	U	8	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	ND	U	2	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	ND	U	2	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	ND	U	8	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	ND	U	20	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	ND	U	100	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	ND	U	10	--	--	--
		Benzene	10	5	4.5	5	--	--	--	ND	U	1	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	ND	U	2	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	ND	U	2	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	ND	U	1	--	--	--		
Bromoform	NS	80	33	80	--	--	--	ND	U	1	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	ND	U	1	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	ND	U	2	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	ND	U	1	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	ND	U	1	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	ND	U	1	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	ND	U	1	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	ND	U	1	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	ND	U	1	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	ND	U	1	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-490	KAFB-106236-490			KAFB-106236-490					
			Field Sample ID:			GW236-490-173	GW236-490-174			GW236-490-181					
			Sample Date:			7/10/2017	10/2/2017			1/8/2018					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	ND	U	1	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	ND	U	1	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	ND	U	1	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	ND	U	1	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	ND	U	4	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	ND	U	2	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	ND	U	1	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	ND	U	1	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	ND	U	1	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	ND	U	2	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	ND	U	2	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	ND	U	2	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	ND	U	1	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	ND	U	2	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	ND	U	2	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	ND	U	2	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	ND	U	1	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	ND	U	1	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	ND	U	1	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	ND	U	1	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	ND	U	1	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	ND	U	1	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	ND	U	4	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	ND	U	1	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	ND	U	1	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	47.0	--	0.200	49.6	--	0.200	48.0	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	6.65	--	0.100	6.95	--	0.100	6.73	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	3.00	--	0.500	3.06	--	0.500	2.91	--	0.500
		Sodium	NS	NS	NS	NS	23.1	--	0.500	24.1	--	0.500	27.0	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00088	J	0.0020	0.0010	J	0.0020	0.00084	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00034	J	0.00025	0.00015	J	0.00025	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	36.0	--	8.0	42.4	--	20.0	72.8	--	40.0
		Sulfate	600	250	NS	250	57.7	--	5.0	54.1	--	5.0	51.0	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	1.1	--	0.10	1.1	J	0.10	0.82	--	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	91.4	--	5.0	109	--	5.0	91.5	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	91.4	--	5.0	109	--	5.0	91.5	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-490	KAFB-106236-519			KAFB-106236-519					
			Field Sample ID:			GW236-490-182	GW236-519-164			GW236-519-171					
			Sample Date:			4/2/2018	12/5/2016			2/2/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	--	--	--
		Benzene	10	5	4.5	5	--	--	--	ND	U	1	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-490	KAFB-106236-519			KAFB-106236-519					
			Field Sample ID:			GW236-490-182	GW236-519-164			GW236-519-171					
			Sample Date:			4/2/2018	12/5/2016			2/2/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	ND	U	1	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	ND	U	1	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	--	--	--
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	--	--	--		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	ND	U	1	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	48.5	--	0.200	--	--	--	ND	U	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	--	--	--	ND	U	0.200
		Magnesium	NS	NS	NS	NS	6.76	--	0.100	--	--	--	7.29	--	0.0500
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	--	--	--	0.0388	J	0.0050
		Potassium	NS	NS	NS	NS	2.92	--	0.500	--	--	--	ND	U	0.500
		Sodium	NS	NS	NS	NS	25.1	--	0.500	--	--	--	24.8	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00077	J	0.0020	--	--	--	0.00087	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00015	J	0.00025	--	--	--	ND	U	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	--	--	--	ND	U	2.5
		Chloride	250	250	NS	250	37.7	--	4.0	--	--	--	44.9	--	20.0
		Sulfate	600	250	NS	250	50.7	--	5.0	--	--	--	57.4	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	0.94	J	0.10	--	--	--	1.1	--	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	91.2	J	5.0	--	--	--	98.5	--	5
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	--	--	--	ND	U	5
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	91.2	J	5.0	--	--	--	98.5	--	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

		Well Location ID:					KAFB-106236-519			KAFB-106236-519			KAFB-106236-519		
		Field Sample ID:					GW236-519-172			GW236-519-173			GW236-519-174		
		Sample Date:					4/5/2017			7/10/2017			10/2/2017		
		Sample Type:					REG			REG			REG		
Parameter	Analytical Method	Analyte	NMAC NMWQCC^a	EPA MCL^b	EPA RSL^c	Project Screening Level^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--	ND	U	1
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--	ND	U	1
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--	ND	U	1
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--	ND	U	1
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--	ND	U	1
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--	ND	U	1
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	2
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--	ND	U	2
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--	ND	U	2
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--	ND	U	2
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--	ND	U	2
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--	ND	U	4
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--	ND	U	1
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	ND	U	2
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--	ND	U	1
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--	ND	U	1
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--	ND	U	2
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--	ND	U	2
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--	ND	U	1
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--	ND	U	2
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	1
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--	ND	U	8
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--	ND	U	2
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--	ND	U	8
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--	ND	U	2
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--	ND	U	2
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--	ND	U	8
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--	ND	U	20
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--	ND	U	100
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--	ND	U	10
		Benzene	10	5	4.5	5	--	--	--	--	--	--	ND	U	1
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--	ND	U	2
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--	ND	U	2
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--	ND	U	1		
Bromoform	NS	80	33	80	--	--	--	--	--	--	ND	U	1		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--	ND	U	1		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--	ND	U	2		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--	ND	U	1		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--	ND	U	1		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--	ND	U	1		
Chloroform	100	80	2.2	80	--	--	--	--	--	--	ND	U	1		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--	ND	U	1		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--	ND	U	1		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	ND	U	1		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:			KAFB-106236-519	KAFB-106236-519			KAFB-106236-519					
			Field Sample ID:			GW236-519-172	GW236-519-173			GW236-519-174					
			Sample Date:			4/5/2017	7/10/2017			10/2/2017					
			Sample Type:			REG	REG			REG					
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--	ND	U	1
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--	ND	U	1
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--	ND	U	1
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--	ND	U	1
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--	ND	U	4
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--	ND	U	2
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	ND	U	1
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--	ND	U	1
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--	ND	U	1
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--	ND	U	2
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--	ND	U	2
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--	ND	U	2
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--	ND	U	1
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--	ND	U	2
		Styrene	NS	100	1,200	100	--	--	--	--	--	--	ND	U	2
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--	ND	U	2
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--	ND	U	1
		Toluene	750	1000	1,100	750	--	--	--	--	--	--	ND	U	1
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--	ND	U	1
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--	ND	U	1
Trichloroethene	100	5	4.9	5	--	--	--	--	--	--	ND	U	1		
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--	ND	U	1		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--	ND	U	4		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--	ND	U	1		
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--	ND	U	1		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	48.0	--	0.200	48.6	J	0.200	49.6	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	6.76	--	0.0500	6.83	--	0.100	6.81	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	0.0031	J	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	2.90	--	0.500	2.87	--	0.500	2.80	--	0.500
		Sodium	NS	NS	NS	NS	23.0	--	0.500	27.2	--	0.500	25.7	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00076	J	0.0020	0.00077	J	0.0020	0.0010	J	0.0020
		Lead	0.05	0.015	0.015	0.015	0.00020	J	0.00025	0.00021	J	0.00025	0.00014	J	0.00025
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	38.8	J	8.0	38.8	--	8.0	42.0	--	20.0
		Sulfate	600	250	NS	250	59.2	J	5.0	65.3	--	5.0	57.9	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	1.0	J	0.10	1.0	--	0.10	1.0	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	NS	NS	NS	90.1	--	5.0	94.6	--	5.0	103	--	5.0
		Alkalinity, carbonate (as CaCO3)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO3)	NS	NS	NS	NS	90.1	--	5.0	94.6	--	5.0	103	--	5.0

**Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236**

		Well Location ID:		KAFB-106236-519		KAFB-106236-519						
		Field Sample ID:		GW236-519-181		GW236-519-182						
		Sample Date:		1/8/2018		4/2/2018						
		Sample Type:		REG		REG						
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-tetrachloroethane	NS	NS	5.7	5.7	--	--	--	--	--	--
		1,1,1-trichloroethane	60	200	8,000	60	--	--	--	--	--	--
		1,1,2,2-tetrachloroethane	10	NS	0.76	10	--	--	--	--	--	--
		1,1,2-trichloroethane	10	5	2.8	5	--	--	--	--	--	--
		1,1-dichloroethane	25	NS	27	25	--	--	--	--	--	--
		1,1-dichloroethene	5	7	280	5	--	--	--	--	--	--
		1,1-dichloropropene	NS	NS	NS	NS	--	--	--	--	--	--
		1,2,3-trichlorobenzene	NS	NS	7	7	--	--	--	--	--	--
		1,2,3-trichloropropane	NS	NS	0.0075	5	--	--	--	--	--	--
		1,2,4-trichlorobenzene	NS	70	11	70	--	--	--	--	--	--
		1,2,4-trimethylbenzene	NS	NS	56	56	--	--	--	--	--	--
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	5	--	--	--	--	--	--
		1,2-dibromoethane	0.1	0.05	0.075	0.05	--	--	--	--	--	--
		1,2-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--
		1,2-dichloroethane	10	5	1.7	5	--	--	--	--	--	--
		1,2-dichloropropane	NS	5	8.25	5	--	--	--	--	--	--
		1,3,5-trimethylbenzene	NS	NS	120	120	--	--	--	--	--	--
		1,3-dichlorobenzene	NS	600	300	600	--	--	--	--	--	--
		1,3-dichloropropane	NS	NS	370	370	--	--	--	--	--	--
		1,4-dichlorobenzene	NS	75	4.8	75	--	--	--	--	--	--
		2,2-dichloropropane	NS	NS	NS	NS	--	--	--	--	--	--
		2-butanone	NS	NS	5,600	5,600	--	--	--	--	--	--
		2-chlorotoluene	NS	NS	240	240	--	--	--	--	--	--
		2-hexanone	NS	NS	38	38	--	--	--	--	--	--
		4-chlorotoluene	NS	NS	250	250	--	--	--	--	--	--
		4-Isopropyltoluene	NS	NS	NS	NS	--	--	--	--	--	--
		4-methyl-2-pentanone	NS	NS	1,200	1,200	--	--	--	--	--	--
		Acetone	NS	NS	14,000	14,000	--	--	--	--	--	--
		Acrolein	NS	NS	0.042	100	--	--	--	--	--	--
		Acrylonitrile	NS	NS	0.52	20	--	--	--	--	--	--
		Benzene	10	5	4.5	5	--	--	--	--	--	--
		Bromobenzene	NS	NS	62	62	--	--	--	--	--	--
		Bromochloromethane	NS	NS	83	83	--	--	--	--	--	--
Bromodichloromethane	NS	80	1.3	80	--	--	--	--	--	--		
Bromoform	NS	80	33	80	--	--	--	--	--	--		
Bromomethane	NS	NS	7.5	7.5	--	--	--	--	--	--		
Carbon disulfide	NS	NS	810	810	--	--	--	--	--	--		
Carbon tetrachloride	10	5	4.5	5	--	--	--	--	--	--		
Chlorobenzene	NS	100	78	100	--	--	--	--	--	--		
Chloroethane	NS	NS	21,000	21,000	--	--	--	--	--	--		
Chloroform	100	80	2.2	80	--	--	--	--	--	--		
Chloromethane	NS	NS	190	190	--	--	--	--	--	--		
cis-1,2-dichloroethene	NS	70	36	70	--	--	--	--	--	--		
cis-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--		

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

			Well Location ID:		KAFB-106236-519	KAFB-106236-519						
			Field Sample ID:		GW236-519-181	GW236-519-182						
			Sample Date:		1/8/2018	4/2/2018						
			Sample Type:		REG	REG						
Parameter	Analytical Method	Analyte	NMAC NMWQCC ^a	EPA MCL ^b	EPA RSL ^c	Project Screening Level ^d	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Dibromochloromethane	NS	80	1.7	80	--	--	--	--	--	--
		Dibromomethane	NS	NS	8	8	--	--	--	--	--	--
		Dichlorodifluoromethane	NS	NS	200	200	--	--	--	--	--	--
		Ethylbenzene	750	700	15	700	--	--	--	--	--	--
		Hexachloro-1,3-butadiene	NS	NS	1.4	5	--	--	--	--	--	--
		Isopropylbenzene	NS	NS	450	450	--	--	--	--	--	--
		m,p-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--
		Methyl tert-butyl ether	NS	NS	140	140	--	--	--	--	--	--
		Methylene Chloride	100	5	110	5	--	--	--	--	--	--
		Naphthalene	30	NS	1.7	30	--	--	--	--	--	--
		n-Butylbenzene	NS	NS	1000	1000	--	--	--	--	--	--
		N-propylbenzene	NS	NS	660	660	--	--	--	--	--	--
		o-Xylene	NS	10,000	190	10,000	--	--	--	--	--	--
		Sec-butylbenzene	NS	NS	2,000	2,000	--	--	--	--	--	--
		Styrene	NS	100	1,200	100	--	--	--	--	--	--
		Tert-butylbenzene	NS	NS	690	690	--	--	--	--	--	--
		Tetrachloroethene	20	5	110	5	--	--	--	--	--	--
		Toluene	750	1000	1,100	750	--	--	--	--	--	--
		trans-1,2-dichloroethene	NS	100	360	100	--	--	--	--	--	--
		trans-1,3-dichloropropene	NS	NS	4.7	4.7	--	--	--	--	--	--
		Trichloroethene	100	5	4.9	5	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	1,100	1,100	--	--	--	--	--	--		
Vinyl acetate	NS	NS	410	410	--	--	--	--	--	--		
Vinyl chloride	1	2	0.19	1	--	--	--	--	--	--		
Xylenes, Total	620	10,000	190	620	--	--	--	--	--	--		
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	50.6	--	0.200	47.0	--	0.200
		Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.200	ND	U	0.200
		Magnesium	NS	NS	NS	NS	7.03	--	0.100	6.55	--	0.100
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0050	ND	U	0.0050
		Potassium	NS	NS	NS	NS	2.86	--	0.500	2.73	--	0.500
		Sodium	NS	NS	NS	NS	24.9	--	0.500	23.4	--	0.500
	Method SW6020A (mg/L)	Arsenic	0.1	0.01	0.00052	0.01	0.00094	J	0.0020	0.00097	J	0.0020
	Lead	0.05	0.015	0.015	0.015	0.00035	J	0.00025	0.00028	J	0.00025	
Anions	Method E300.0 (µg/L)	Bromide	NS	NS	NS	NS	ND	U	2.5	ND	U	2.5
		Chloride	250	250	NS	250	36.4	--	8.0	31.7	--	8.0
		Sulfate	600	250	NS	250	60.0	--	5.0	57.6	--	5.0
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10 ^e	10 ^e	NS	10 ^e	0.99	--	0.10	0.89	J	0.10
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO ₃)	NS	NS	NS	NS	86.2	--	5.0	90.8	J	5.0
		Alkalinity, carbonate (as CaCO ₃)	NS	NS	NS	NS	ND	U	5.0	ND	U	5.0
		Alkalinity, total (as CaCO ₃)	NS	NS	NS	NS	86.2	--	5.0	90.8	J	5.0

Table 1
Groundwater Analytical Results for KAFB-106235 and KAFB-106236

^a NMWQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2004). For metals, the NMWQCC numeric standard applies to dissolved metals.

^b EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2009).

^c EPA Region 6 RSL for Tapwater (June 2017) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

^d The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NMWQCC numeric standard or (2) EPA MCL. If no NMWQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

^e Based on the geochemical equilibrium of the site groundwater and previous site data analyses, nitrate/nitrite results represent nitrate concentrations.

µg/L = microgram per liter

bgs = below-ground surface

CaCO₃ = calcium carbonate

CFR = Code of Federal Regulations

EDB = ethylene dibromide (1,2-dibromoethane)

EPA = U.S. Environmental Protection Agency

ft = foot/feet

ID = identification

LOD = limit of detection

MCL = maximum contaminant level

mg/L = milligram per liter

ND = nondetect

NMAC = New Mexico Administrative Code

NMWQCC = New Mexico Water Quality Control Commission

NS = not specified

REG = normal field sample

RSL = regional screening level

Val Qual = validation qualifier

VOC = volatile organic compound

EDB (1,2-dibromoethane) results from method SW8011 are used for reporting purposes (text, tables, and figures); EDB results from method SW8260C are not evaluated for reporting purposes due to the higher LOD

Shading = detected concentrations above the detection limit

Bold/Shading = reported concentrations exceed the project screening level

Qualifiers:

Val Quals based on independent data validation

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.

-- = Qualifier not assigned to the associated numerical value.

**Table 2
Groundwater Monitoring Program**

Well ID	1st Quarter (January-March)	2nd Quarter – Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter – Annual (October-December)
GROUNDWATER MONITORING WELLS^a				
KAFB-3411	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106001	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106002	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106007	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106015 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106016	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106019	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106020	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106021 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106022 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106023 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106024	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106025 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106026 ^c	--	--	--	--
KAFB-106027	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106035 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106036 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106037 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106039	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106040	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106042 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106043 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106044	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106045	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106046	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106047	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106048	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106052 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106053 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106054 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106055 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106057 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106058 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106070 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106071 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106072 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106073	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP

**Table 2
Groundwater Monitoring Program**

Well ID	1st Quarter (January-March)	2nd Quarter – Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter – Annual (October-December)
GROUNDWATER MONITORING WELLS^a (continued)				
KAFB-106074	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106075	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106082	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106083	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106084	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106085 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106086 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106087 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106088 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106089 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106090 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106091 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106092 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106093 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106094	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106095	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106096	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106103 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106104 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106105 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106106 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106107 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106212 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106213 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106214 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106215 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106219 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106220 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106221 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106225 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106226 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106227 ^b	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity
KAFB-106230 ^c	--	--	--	--
NEWLY ADDED WELLS^a				
KAFB-106041 ^{b,d} (Distal Plume)	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity
KAFB-106149-484 ^{b,e} (Source Area)	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity

**Table 2
Groundwater Monitoring Program**

Well ID	1st Quarter (January-March)	2nd Quarter – Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter – Annual (October-December)
NEWLY ADDED WELLS^a (continued)				
KAFB-106151-484 ^{b,e} (Source Area)	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity
KAFB-106152-484 ^{b,e} (Source Area)	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity
KAFB-106153-484 ^{b,e} (Source Area)	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity
VA PROXIMAL WELLS^a				
KAFB-106003	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106004	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106013	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106097	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106098	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106099	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106100	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106101	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106102	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP
DOWNGRAIDENT PROXIMAL WELLS^a				
KAFB-106029 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106030 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106031 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106032 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106033 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106034 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106049 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106050 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106051 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106201 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106202 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106203 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106204 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106205 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106206 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106207 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106208 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106209 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106216 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106217 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106218 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106222 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106223 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity

**Table 2
Groundwater Monitoring Program**

Well ID	1st Quarter (January-March)	2nd Quarter – Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter – Annual (October-December)
DOWNGRADIENT PROXIMAL WELLS^a (continued)				
KAFB-106224 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106231 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106232 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106235-463 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106235-492 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106235-521 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106236-461 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106236-490 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
KAFB-106236-519 ^b	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity
SOURCE AREA WELLS^a				
KAFB-106005	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106006	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106008	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106009 ^b	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity
KAFB-106010	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106011	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106012R	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106014	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106028	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106059	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106060	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106061	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106062	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106063	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106064	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106065	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106066	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106067	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106068	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106069	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106076	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106077	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106078	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106079	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106080	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106081	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP

**Table 2
Groundwater Monitoring Program**

Well ID	1st Quarter (January-March)	2nd Quarter – Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter – Annual (October-December)
SIGNAL WELLS^a				
KAFB-106017	None	BTEX, naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106018	None	BTEX, naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP
KAFB-106038	None	BTEX, naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP

^a The groundwater monitoring network consists of all 145 wells (143 wells sampled) that are currently sampled under Solid Waste Management Unit ST106/SS-111 and also includes all source area wells, proximal wells, newly added wells, and signal wells. Select wells are identified for additional or more frequent monitoring of risk-driving constituents. Metals analysis consists of select total metals (arsenic, calcium, lead, potassium, magnesium, and sodium) and select dissolved metals (iron and manganese). Anions analysis consists of bromide, chloride, nitrate/nitrite nitrogen, and sulfate. FPs include pH, specific conductivity, dissolved oxygen, oxidation reduction potential, temperature, and turbidity.

^b Wells sampled with passive technology; field parameter measurements are not representative and therefore are not collected.

^c Well no longer sampled due to safety concerns.

^d Newly added to the groundwater monitoring network in fourth quarter 2017.

^e Newly added to the groundwater monitoring network in first quarter 2018.

AFB = Air Force Base

BFF = Bulk Fuels Facility

BTEX = benzene, toluene, ethylbenzene, and total xylenes

EDB = ethylene dibromide

FP = field parameter

ID = identification

KAFB = Kirtland Air Force Base

SWMU = Solid Waste Management Unit

VOC = volatile organic compound