

Summary Report

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Report Date: June 25, 2015

Work Order: 15061212



Project Location: Loving, NM
Project Name: Key Energy Bke
Project Number: BKE

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
395529	Water Vile	water	2015-06-06	13:45	2015-06-11
395530	FBS 0-1'	soil	2015-06-06	11:00	2015-06-11
395531	FBS 2-3'	soil	2015-06-06	11:10	2015-06-11
395532	FBS 5-6'	soil	2015-06-06	11:20	2015-06-11
395533	FBS 8-10'	soil	2015-06-06	11:30	2015-06-11
395534	Mid 0-1'	soil	2015-06-06	12:00	2015-06-11
395535	Mid 2-3'	soil	2015-06-06	12:10	2015-06-11
395536	Mid 5-6'	soil	2015-06-06	12:20	2015-06-11
395537	S Point Composite	soil	2015-06-06	15:00	2015-06-11

Sample - Field Code	BTEX				MTBE	TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)(mg/L)	Toluene (mg/Kg)(mg/L)	Ethylbenzene (mg/Kg)(mg/L)	Xylene (mg/Kg)(mg/L)	MTBE (mg/Kg)(mg/L)	DRO (mg/Kg)	GRO (mg/Kg)
395529 - Water Vile	0.0666	0.210	0.0819	0.450			
395530 - FBS 0-1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<4.00
395531 - FBS 2-3'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<4.00
395532 - FBS 5-6'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<4.00
395533 - FBS 8-10'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<4.00
395534 - Mid 0-1'	<0.100 ¹	0.134	<0.100	0.865		1300	216
395535 - Mid 2-3'	<0.100 ²	<0.100	<0.100	0.505		124	32.5
395536 - Mid 5-6'	<0.200 ³	0.771	<0.200	11.6		2960	435
395537 - S Point Composite	<0.100 ⁴	<0.100	<0.100	0.741		905	44.4

Sample: 395529 - Water Vile

¹dilution due to hydrocarbons.

²dilution due to hydrocarbons.

³dilution due to hydrocarbons.

⁴dilution due to hydrocarbons.

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<20.0	mg/L as CaCo3	20
Carbonate Alkalinity		<20.0	mg/L as CaCo3	20
Bicarbonate Alkalinity		1250	mg/L as CaCo3	20
Total Alkalinity		1250	mg/L as CaCo3	20
Dissolved Calcium		4790	mg/L	1
Chloride		43400	mg/L	2.5
Specific Conductance		115000	uMHOS/cm	
Fluoride	5	<25.0	mg/L	0.5
Dissolved Potassium		420	mg/L	1
Dissolved Magnesium		1020	mg/L	1
Dissolved Sodium		16700	mg/L	1
Nitrate-N	6 _H	<2.00	mg/L	0.04
pH		6.89	s.u.	2
Sulfate		1620	mg/L	2.5
Total Dissolved Solids		94000	mg/L	2.5

Sample: 395530 - FBS 0-1'

Param	Flag	Result	Units	RL
Chloride		1590	mg/Kg	25

Sample: 395531 - FBS 2-3'

Param	Flag	Result	Units	RL
Chloride		1590	mg/Kg	25

Sample: 395532 - FBS 5-6'

Param	Flag	Result	Units	RL
Chloride		1750	mg/Kg	25

Sample: 395533 - FBS 8-10'

Param	Flag	Result	Units	RL
Chloride		832	mg/Kg	25

Sample: 395534 - Mid 0-1'*continued ...*⁵Dilution necessitated by high chloride concentration.⁶Dilution necessitated by high chloride concentration.

sample 395534 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		11700	mg/Kg	25

Sample: 395535 - Mid 2-3'

Param	Flag	Result	Units	RL
Chloride		8680	mg/Kg	25

Sample: 395536 - Mid 5-6'

Param	Flag	Result	Units	RL
Chloride		11800	mg/Kg	25

Sample: 395537 - S Point Composite

Param	Flag	Result	Units	RL
Chloride		10900	mg/Kg	25