Table V-1 Analytical Results of Baseline Monitoring (Page 1 of 17)

Major Cations and Anions												
Well ID	Completion Zone	Sample Date	Na (mg/L)	K (mg/L)	Ca (mg/L)	Mg (mg/L)	Cl (mg/L)	HCO_3 (mg/L)	CO_3 (mg/L)	SO_4 (mg/L)	SiO_2 (mg/L)	NO_3+NO_2 (mg/L)
LC29M	DE	9/20/06	26.0	2.0	57.0	4.0	6.0	137.0	ND	108.0	12.0	ND
LC29M	DE	11/26/06	26.0	3.0	64.0	4.0	4.0	98.0	ND	131.0	17.2	ND
LC29M	DE	3/1/07	24.0	2.0	57.0	3.0	4.0	205.0	ND	54.0	18.1	ND
LC29M	DE	5/4/07	27.0	2.0	47.0	3.0	10.0	183.0	ND	21.0	15.3	0.90
LC30M	DE	9/20/06	29.0	2.0	33.0	2.0	6.0	122.0	ND	31.0	14.7	1.40
LC30M	DE	11/26/06	25.0	1.0	31.0	2.0	5.0	124.0	ND	26.0	13.7	1.20
LC30M	DE	3/1/07	51.0	2.0	33.0	2.0	6.0	156.0	ND	51.0	17.4	0.60
LC30M	DE	5/3/07	62.0	2.0	28.0	2.0	6.0	176.0	ND	55.0	17.7	ND
LC31M	DE	9/21/06	40.0	3.0	140.0	9.0	7.0	140.0	ND	**316.0**	15.0	0.80
LC31M	DE	11/26/06	39.0	3.0	120.0	8.0	7.0	145.0	ND	**280.0**	13.9	0.40
LC31M	DE	2/28/07	64.0	3.0	108.0	7.0	8.0	156.0	ND	**277.0**	17.0	0.30
LC31M	DE	5/3/07	71.0	3.0	99.0	6.0	6.0	159.0	ND	**279.0**	15.9	0.20
MB-1	DE	8/27/09	22.0	3.0	10.0	ND	12.0	ND	18.0	22.0	15.7	1.55
MB-1	DE	1/4/10	23.0	2.0	11.0	ND	8.0	59.0	ND	21.0	14.4	1.60
MB-1	DE	3/30/10	29.0	3.0	19.0	1.0	6.0	108.0	ND	21.0	14.2	1.80
MB-1	DE	6/29/10	28.0	3.0	20.0	1.0	6.0	112.0	ND	20.0	14.3	1.60
MB-7	DE	8/26/09	Insufficient water to sample.									
MB-10	DE	8/26/09	Insufficient water to sample.									

Table V-1 Analytical Results of Baseline Monitoring (Page 2 of 17)

			General Water Quality				Radionuclides					
Well ID	Completion Zone	Sample Date	TDS (mg/L)	Specific Conductivity	Lab pH (SU)	Alkalinity (mg/L)	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Ra-226 (pCi/L)	Ra-228 (pCi/L)	Ra-226 + Ra-228 (pCi/L)	Uranium (mg/L)
LC29M	DE	9/20/06	283.0			112.0	**328.0**	142.0	1.9	ND	1.9	**0.499**
LC29M	DE	11/26/06	298.0	491.0	7.68	80.0	**158.0**	54.0	1.7	4.7	**6.4**	**0.246**
LC29M	DE	3/1/07	265.0	385.0	7.77		**265.0**	86.1	4.0	ND	4.0	**0.318**
LC29M	DE	5/4/07	219.0	356.0	7.75		**200.0**	84.6	3.0	ND	3.0	**0.251**
LC30M	DE	9/20/06	184.0			100.0	**129.0**	41.5	1.0	ND	1.0	**0.141**
LC30M	DE	11/26/06	170.0	288.0	7.33	102.0	**107.0**	32.3	0.9	1.6	2.5	**0.154**
LC30M	DE	3/1/07	241.0	393.0	8.02		**108.0**	31.9	5.7	ND	**5.7**	**0.162**
LC30M	DE	5/3/07	260.0	440.0	8.07		**109.0**	40.0	2.1	ND	2.1	**0.130**
LC31M	DE	9/21/06	**602.0**	800.0	7.85	114.0	**1120.0**	405.0	2.0	1.7	3.7	**1.890**
LC31M	DE	11/26/06	**528.0**	838.0	7.79	119.0	**1430.0**	395.0	2.6	3.2	**5.8**	**2.100**
LC31M	DE	2/28/07	**563.0**	817.0	7.94		**967.0**	262.0	7.2	1.0	**8.2**	**1.400**
LC31M	DE	5/3/07	**559.0**	860.0	7.79		**1030.0**	319.0	1.9	2.4	4.3	**1.610**
MB-1	DE	8/27/09	121.0	186.0	**10.10**		**21.4**	10.1	0.7	0.9	1.6	0.011
MB-1	DE	1/4/10	95.0	183.0	**9.27**	55.0	**74.7**	18.9	0.3	1.6	1.9	**0.063**
MB-1	DE	3/30/10	167.0	235.0	8.42	88.0	**158.0**	27.1	0.3	1.0	1.3	**0.135**
MB-1	DE	6/29/10	133.0	242.0	**8.61**	92.0	**173.0**	36.7	0.2	0.9	1.1	**0.126**
MB-7	DE	8/26/09	Insufficient water to sample.									
MB-10	DE	8/26/09	Insufficient water to sample.									

Table V-1 Analytical Results of Baseline Monitoring (Page 3 of 17)

Trace Parameters (Dissolved unless otherwise noted.)											
Well ID	Completion Zone	Sample Date	Al (mg/L)	NH_3-N (mg/L)	As (mg/L)	Ba (mg/L)	B (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	F (mg/L)
LC29M	DE	9/20/06	ND	**1.07**	0.002	ND	ND	ND	ND	ND	0.30
LC29M	DE	11/26/06	ND	**0.57**	0.003	ND	ND	ND	ND	ND	0.30
LC29M	DE	3/1/07	ND	0.26	0.005	ND	ND	ND	ND	ND	0.20
LC29M	DE	5/4/07	ND	0.18	ND	ND	ND	ND	ND	ND	0.20
LC30M	DE	9/20/06	ND	0.11	0.002	ND	ND	ND	ND	ND	0.50
LC30M	DE	11/26/06	ND	0.08	0.002	ND	ND	ND	ND	ND	0.50
LC30M	DE	3/1/07	ND	0.07	0.004	ND	ND	ND	ND	ND	0.50
LC30M	DE	5/3/07	ND	0.06	0.007	ND	ND	ND	ND	ND	0.50
LC31M	DE	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC31M	DE	11/26/06	ND	0.07	ND	ND	ND	ND	ND	ND	0.20
LC31M	DE	2/28/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC31M	DE	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-1	DE	8/27/09	ND	ND	0.00	ND	ND	ND	ND	ND	ND
MB-1	DE	1/4/10	ND	ND	0.00	ND	ND	ND	ND	ND	0.30
MB-1	DE	3/30/10	ND	ND	0.00	ND	ND	ND	ND	ND	ND
MB-1	DE	6/29/10	ND	ND	0.00	ND	ND	ND	ND	ND	0.30
MB-7	DE	8/26/09	Insufficient water to sample.								
MB-10	DE	8/26/09	Insufficient water to sample.								

Table V-1 Analytical Results of Baseline Monitoring (Page 4 of 17)

Trace Parameters (Dissolved unless otherwise noted.)													
Well ID	Completion Zone	Sample Date	Fe (mg/L)		Hg (mg/L)	Mn (mg/L)		Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Se (mg/L)	V (mg/L)	Zn (mg/L)
			Dissolved	Total		Dissolved	Total						
LC29M	DE	9/20/06	0.09	0.09	ND	**0.12**	**0.11**	ND	ND	ND	0.002	ND	ND
LC29M	DE	11/26/06	**0.67**	**0.46**	ND	**0.48**	**0.32**	ND	ND	ND	ND	ND	ND
LC29M	DE	3/1/07	**0.40**	**0.40**	ND	**0.24**	**0.24**	ND	ND	ND	ND	ND	ND
LC29M	DE	5/4/07	0.14	0.14	ND	0.04	0.04	ND	ND	ND	ND	ND	ND
LC30M	DE	9/20/06	ND	ND	ND	0.01	ND	ND	ND	ND	0.016	ND	ND
LC30M	DE	11/26/06	ND	ND	ND	0.01	0.01	ND	ND	ND	0.016	ND	ND
LC30M	DE	3/1/07	0.11	0.11	ND	**0.08**	**0.08**	ND	ND	ND	0.006	ND	ND
LC30M	DE	5/3/07	0.09	0.09	ND	**0.07**	**0.07**	ND	ND	ND	0.003	ND	ND
LC31M	DE	9/21/06	ND	ND	ND	0.01	ND	ND	ND	ND	**0.215**	ND	ND
LC31M	DE	11/26/06	ND	ND	ND	**0.06**	0.05	ND	ND	ND	**0.211**	ND	ND
LC31M	DE	2/28/07	0.10	0.10	ND	**0.10**	**0.10**	ND	ND	ND	**0.151**	ND	ND
LC31M	DE	5/3/07	0.07	0.07	ND	0.02	0.02	ND	ND	ND	**0.111**	ND	ND
MB-1	DE	8/27/09	**0.40**	**0.42**	ND	ND	ND	ND	ND	ND	0.003	ND	ND
MB-1	DE	1/4/10	0.03	0.10	ND	ND	ND	ND	ND	ND	0.004	ND	ND
MB-1	DE	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
MB-1	DE	6/29/10	ND	0.14	ND	ND	ND	ND	ND	ND	0.004	ND	ND
MB-7	DE	8/26/09	Insufficient water to sample										
MB-10	DE	8/26/09	Insufficient water to sample										

Table V-1 Analytical Results of Baseline Monitoring (Page 5 of 17)

Major Cations and Anions												
Well ID	Completion Zone	Sample Date	Na (mg/L)	K (mg/L)	Ca (mg/L)	Mg (mg/L)	Cl (mg/L)	HCO_3 (mg/L)	CO_3 (mg/L)	SO_4 (mg/L)	SiO_2 (mg/L)	NO_3+NO_2 (mg/L)
LC15M	LFG	9/12/06	31.0	4.0	86.0	4.0	8.0	127.0	ND	180.0	16.0	ND
LC15M	LFG	11/26/06	31.0	2.0	84.0	4.0	6.0	134.0	ND	157.0	14.3	ND
LC15M	LFG	3/1/07	33.0	3.0	89.0	5.0	1.0	130.0	ND	180.0	14.8	0.20
LC15M	LFG	5/4/07	34.0	9.0	46.0	3.0	6.0	85.0	ND	142.0	13.0	0.40
LC18M	LFG	9/20/06	35.0	3.0	61.0	3.0	5.0	122.0	ND	122.0	13.2	ND
LC18M	LFG	11/22/06	31.0	2.0	55.0	3.0	5.0	117.0	ND	117.0	12.4	ND
LC18M	LFG	3/1/07	33.0	2.0	60.0	3.0	5.0	120.0	ND	120.0	13.6	ND
LC18M	LFG	5/4/07	30.0	3.0	49.0	3.0	5.0	112.0	ND	119.0	12.6	ND
LC21M	LFG	9/20/06	33.0	2.0	46.0	3.0	6.0	121.0	5.0	62.0	15.8	1.00
LC21M	LFG	11/26/06	30.0	2.0	41.0	3.0	5.0	132.0	ND	59.0	13.9	0.80
LC21M	LFG	2/28/07	31.0	3.0	35.0	3.0	5.0	120.0	ND	60.0	15.2	1.00
LC21M	LFG	5/3/07	30.0	2.0	41.0	3.0	5.0	124.0	ND	58.0	13.7	1.00
LC25M	LFG	9/21/06	35.0	4.0	73.0	2.0	6.0	100.0	2.0	146.0	14.1	0.30
LC25M	LFG	11/17/06	34.0	2.0	70.0	4.0	6.0	120.0	ND	139.0	14.6	0.20
LC25M	LFG	3/1/07	32.0	2.0	72.0	4.0	6.0	126.0	ND	150.0	14.7	0.20
LC25M	LFG	5/3/07	34.0	4.0	34.0	3.0	4.0	36.0	ND	133.0	13.5	ND
MB-2	LFG	8/27/09	29.0	2.0	37.0	3.0	8.0	121.0	ND	53.0	16.1	1.2
MB-2	LFG	12/14/09	27.0	2.0	34.0	3.0	8.0	124.0	ND	58.0	14.7	1.1
MB-2	LFG	3/30/10	34.0	3.0	38.0	2.0	8.0	128.0	ND	58.0	16.5	1.2
MB-2	LFG	7/6/10	31.0	2.0	37.0	3.0	8.0	128.0	ND	59.0	15.1	1.1
MB-5	LFG	8/27/09	24.0	3.0	63.0	3.0	6.0	132.0	ND	105.0	17.2	ND
MB-5	LFG	12/14/09	24.0	2.0	61.0	3.0	7.0	134.0	ND	114.0	15.9	ND
MB-5	LFG	3/31/10	25.0	2.0	62.0	3.0	6.0	141.0	ND	108.0	12.8	ND
MB-5	LFG	7/6/10	26.0	2.0	61.0	3.0	6.0	139.0	ND	109.0	16.2	ND
MB-8	LFG	8/26/09	24.0	3.0	70.0	4.0	5.0	159.0	ND	121.0	16.9	0.0
MB-8	LFG	1/4/10	27.0	2.0	74.0	5.0	6.0	154.0	ND	129.0	17.5	ND
MB-8	LFG	3/30/10	26.0	2.0	73.0	5.0	6.0	163.0	ND	130.0	16.8	ND
MB-8	LFG	6/29/10	25.0	2.0	72.0	5.0	6.0	159.0	ND	131.0	16.1	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 6 of 17)

			General Water Quality				Radionuclides					
Well ID	Completion Zone	Sample Date	TDS (mg/L)	Specific Conductivity	Lab pH (SU)	Alkalinity (mg/L)	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Ra-226 (pCi/L)	Ra-228 (pCi/L)	Ra-226 + Ra-228 (pCi/L)	Uranium (mg/L)
LC15M	LFG	9/12/06	390.0				**263.0**	83.3	5.3	0.9	**6.2**	**0.489**
LC15M	LFG	11/26/06	370.0	605.0	7.84	110.0	**334.0**	116.0	3.8	4.8	**8.6**	**0.472**
LC15M	LFG	3/1/07	390.0	587.0	7.32		**374.0**	92.7	6.0	3.5	**9.5**	**0.467**
LC15M	LFG	5/4/07	296.0	492.0	8.27		**236.0**	92.1	3.6	ND	3.6	**0.358**
LC18M	LFG	9/20/06	303.0			100.0	**518.0**	192.0	43.0	2.8	**45.8**	**0.523**
LC18M	LFG	11/22/06	277.0	461.0	8.33	98.0	**490.0**	199.0	63.5	3.9	**67.4**	**0.546**
LC18M	LFG	3/1/07	296.0	460.0	7.86		**439.0**	148.0	ND	ND	0.0	**0.533**
LC18M	LFG	5/4/07	277.0	467.0	8.09		**385.0**	115.0	26.4	ND	**26.4**	**0.419**
LC21M	LFG	9/20/06	233.0			106.0	**219.0**	70.3	1.6	1.2	2.8	**0.251**
LC21M	LFG	11/26/06	219.0	373.0	8.17	108.0	**205.0**	49.2	1.2	12.0	**13.2**	**0.278**
LC21M	LFG	2/28/07	214.0	333.0	8.25		**815.0**	62.6	230.0	ND	**230.0**	**0.270**
LC21M	LFG	5/3/07	219.0	371.0	8.17		**202.0**	65.2	3.7	ND	3.7	**0.236**
LC25M	LFG	9/21/06	336.0	452.0	8.37	91.0	**353.0**	124.0	3.1	3.3	**6.4**	**0.465**
LC25M	LFG	11/17/06	330.0	516.0	8.28		**301.0**	138.0	3.1	ND	3.1	**0.460**
LC25M	LFG	3/1/07	344.0	519.0	7.97		**369.0**	107.0	2.3	2.3	4.6	**0.517**
LC25M	LFG	5/3/07	244.0	390.0	**8.57**		**194.0**	72.5	2.9	ND	2.9	**0.289**
MB-2	LFG	8/27/09	220.0	337.0	8.17		**223.0**	61.4	1.7	2.0	3.7	**0.164**
MB-2	LFG	12/14/09	195.0	345.0	8.07		**175.0**	61.9	1.5	1.3	2.8	**0.172**
MB-2	LFG	3/30/10	231.0	341.0	8.14	105.0	**196.0**	34.2	1.4	2.1	3.5	**0.191**
MB-2	LFG	7/6/10	236.0	344.0	7.78	105.0	**185.0**	56.7	1.0	1.5	2.5	**0.178**
MB-5	LFG	8/27/09	295.0	438.0	7.99		**80.9**	28.4	32.0	3.3	**35.3**	0.017
MB-5	LFG	12/14/09	298.0	449.0	7.92		**70.2**	30.9	29.0	2.8	**31.8**	0.018
MB-5	LFG	3/31/10	301.0	440.0	7.90	115.0	**67.9**	24.5	32.0	2.5	**34.5**	0.016
MB-5	LFG	7/6/10	311.0	439.0	7.57	114.0	**67.9**	23.6	34.0	2.2	**36.2**	0.016
MB-8	LFG	8/26/09	333.0	487.0	7.91		**204.0**	54.9	3.2	2.4	**5.6**	**0.152**
MB-8	LFG	1/4/10	306.0	501.0	7.94	126.0	**261.0**	60.6	1.8	3.0	4.8	**0.190**
MB-8	LFG	3/30/10	332.0	505.0	7.86	133.0	**195.0**	35.9	1.7	2.6	4.3	**0.204**
MB-8	LFG	6/29/10	325.0	509.0	7.78	130.0	**291.0**	52.0	2.1	2.5	4.6	**0.207**

Table V-1 Analytical Results of Baseline Monitoring (Page 7 of 17)

Trace Parameters (Dissolved unless otherwise noted.)											
Well ID	Completion Zone	Sample Date	Al (mg/L)	NH_3-N (mg/L)	As (mg/L)	Ba (mg/L)	B (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	F (mg/L)
LC15M	LFG	9/12/06	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC15M	LFG	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC15M	LFG	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC15M	LFG	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC18M	LFG	9/20/06	ND	ND	0.004	ND	ND	ND	ND	ND	0.20
LC18M	LFG	11/22/06	ND	ND	0.002	ND	ND	ND	ND	ND	0.20
LC18M	LFG	3/1/07	ND	ND	0.002	ND	ND	ND	ND	ND	0.20
LC18M	LFG	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC21M	LFG	9/20/06	ND	0.08	ND	ND	ND	ND	ND	ND	0.30
LC21M	LFG	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.30
LC21M	LFG	2/28/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC21M	LFG	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC25M	LFG	9/21/06	ND	ND	0.004	ND	ND	ND	ND	ND	0.20
LC25M	LFG	11/17/06	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC25M	LFG	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC25M	LFG	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-2	LFG	8/27/09	ND	0.14	0.00	ND	ND	ND	ND	ND	ND
MB-2	LFG	12/14/09	ND	ND	0.00	ND	ND	ND	ND	ND	0.20
MB-2	LFG	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-2	LFG	7/6/10	ND	ND	0.00	ND	ND	ND	ND	ND	ND
MB-5	LFG	8/27/09	ND	0.08	ND	ND	ND	ND	ND	ND	ND
MB-5	LFG	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.10
MB-5	LFG	3/31/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-5	LFG	7/6/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-8	LFG	8/26/09	ND	0.13	ND	ND	ND	ND	ND	ND	ND
MB-8	LFG	1/4/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-8	LFG	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	
MB-8	LFG	6/29/10	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 8 of 17)

Trace Parameters (Dissolved unless otherwise noted.)													
Well ID	Completion Zone	Sample Date	Fe (mg/L)		Hg (mg/L)	Mn (mg/L)		Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Se (mg/L)	V (mg/L)	Zn (mg/L)
			Dissolved	Total		Dissolved	Total						
LC15M	LFG	9/12/06	0.03	ND	ND	ND	ND	ND	ND	ND	0.019	ND	ND
LC15M	LFG	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.016	ND	ND
LC15M	LFG	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND	ND
LC15M	LFG	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND
LC18M	LFG	9/20/06	**0.53**	**0.53**	ND	ND	ND	ND	ND	ND	0.024	ND	ND
LC18M	LFG	11/22/06	**0.51**	**0.51**	ND	ND	ND	ND	ND	ND	0.015	ND	ND
LC18M	LFG	3/1/07	**0.67**	**0.67**	ND	ND	ND	ND	ND	ND	0.016	ND	ND
LC18M	LFG	5/4/07	0.10	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC21M	LFG	9/20/06	**0.40**	**0.40**	ND	0.02	0.02	ND	ND	ND	0.040	ND	ND
LC21M	LFG	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.039	ND	ND
LC21M	LFG	2/28/07	ND	ND	ND	ND	ND	ND	ND	ND	0.034	ND	ND
LC21M	LFG	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.032	ND	ND
LC25M	LFG	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	0.027	ND	ND
LC25M	LFG	11/17/06	ND	ND	ND	ND	ND	ND	ND	ND	0.027	ND	ND
LC25M	LFG	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	0.025	ND	ND
LC25M	LFG	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND
MB-2	LFG	8/27/09	0.20	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND
MB-2	LFG	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND
MB-2	LFG	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND
MB-2	LFG	7/6/10	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND
MB-5	LFG	8/27/09	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-5	LFG	12/14/09	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
MB-5	LFG	3/31/10	ND	0.04	ND	0.01	0.01	ND	ND	ND	ND	ND	ND
MB-5	LFG	7/6/10	ND	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-8	LFG	8/26/09	0.10	**0.42**	ND	ND	ND	ND	ND	ND	0.003	ND	0.05
MB-8	LFG	1/4/10	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND
MB-8	LFG	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
MB-8	LFG	6/29/10	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 9 of 17)

Major Cations and Anions												
Well ID	Completion Zone	Sample Date	Na (mg/L)	K (mg/L)	Ca (mg/L)	Mg (mg/L)	Cl (mg/L)	HCO_3 (mg/L)	CO_3 (mg/L)	SO_4 (mg/L)	SiO_2 (mg/L)	NO_3+NO_2 (mg/L)
LC16M	HJ	9/12/06	27.0	2.0	77.0	4.0	5.0	134.0	ND	144.0	16.0	ND
LC16M	HJ	11/10/06	29.3	8.0	80.1	3.9	7.0	128.0	ND	136.0		ND
LC16M	HJ	3/1/07	30.0	2.0	74.0	4.0	4.0	132.0	ND	138.0	15.0	ND
LC16M	HJ	5/4/07	29.0	2.0	74.0	4.0	5.0	137.0	ND	139.0	14.8	ND
LC19M	HJ	9/20/06	35.0	3.0	66.0	3.0	6.0	103.0	2.0	139.0		ND
LC19M	HJ	11/3/06	32.8	2.1	72.9	3.2	6.0	132.0	ND	146.0	15.0	ND
LC19M	HJ	3/5/07	40.0	13.0	41.0	3.0	6.0	73.0	ND	124.0	14.5	ND
LC19M	HJ	5/4/07	33.0	8.0	45.0	3.0	5.0	93.0	ND	137.0	14.8	ND
LC22M	HJ	9/21/06	40.0	2.0	74.0	3.0	5.0	113.0	ND	170.0	15.0	ND
LC22M	HJ	11/16/06	36.0	2.0	62.0	3.0	4.0	109.0	ND	154.0	12.8	ND
LC22M	HJ	3/1/07	37.0	4.0	60.0	3.0	6.0	110.0	ND	142.0	14.2	ND
LC22M	HJ	5/3/07	35.0	4.0	64.0	3.0	5.0	113.0	ND	137.0	13.0	ND
LC26M	HJ	9/21/06	35.0	4.0	133.0	6.0	6.0	168.0	ND	**269.0**	17.7	ND
LC26M	HJ	11/17/06	33.0	3.0	127.0	5.0	6.0	166.0	ND	**256.0**	17.0	ND
LC26M	HJ	3/1/07	33.0	3.0	125.0	5.0	5.0	159.0	ND	**253.0**	16.2	ND
LC26M	HJ	5/3/07	34.0	8.0	90.0	5.0	5.0	57.0	ND	**259.0**	17.5	ND
MB-3B	HJ	8/27/09	31.0	4.0	37.0	2.0	11.0	108.0	ND	66.0	17.2	0.9
MB-3B	HJ	12/14/09	30.0	3.0	37.0	2.0	10.0	112.0	ND	70.0	15.3	0.8
MB-3B	HJ	3/30/10	32.0	2.0	35.0	3.0	10.0	118.0	ND	71.0	15.1	0.8
MB-3B	HJ	7/6/10	32.0	3.0	38.0	2.0	9.0	120.0	ND	71.0	16.0	0.8
MB-6	HJ	8/27/09	38.0	3.0	38.0	1.0	4.0	77.0	ND	106.0	16.8	ND
MB-6	HJ	12/14/09	19.0	2.0	50.0	2.0	5.0	142.0	ND	71.0	16.7	ND
MB-6	HJ	3/31/10	21.0	2.0	52.0	2.0	6.0	149.0	ND	71.0	13.4	ND
MB-6	HJ	7/7/10	22.0	2.0	55.0	2.0	5.0	146.0	ND	73.0	16.9	ND
MB-9	HJ	8/27/09	24.0	3.0	70.0	4.0	5.0	159.0	ND	121.0	16.9	0.0
MB-9	HJ	12/15/09	21.0	6.0	47.0	2.0	5.0	117.0	ND	75.0	19.0	ND
MB-9	HJ	3/30/10	24.0	5.0	48.0	2.0	6.0	136.0	ND	75.0	18.5	ND
MB-9	HJ	7/6/10	23.0	4.0	48.0	2.0	5.0	136.0	ND	75.0	18.9	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 10 of 17)

			General Water Quality				Radionuclides					
Well ID	Completion Zone	Sample Date	TDS (mg/L)	Specific Conductivity	Lab pH (SU)	Alkalinity (mg/L)	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Ra-226 (pCi/L)	Ra-228 (pCi/L)	Ra-226 + Ra-228 (pCi/L)	Uranium (mg/L)
LC16M	HJ	9/12/06	330.0				**299.0**	109.0	166.0	4.3	**170.3**	**0.164**
LC16M	HJ	11/10/06	304.0	517.0			**274.0**	120.0	2.0	78.4	**80.4**	**0.133**
LC16M	HJ	3/1/07	333.0	509.0	7.92		**290.0**	79.7	65.1	3.8	**68.9**	**0.134**
LC16M	HJ	5/4/07	335.0	534.0	8.01		**188.0**	69.2	122.0	3.2	**125.2**	**0.122**
LC19M	HJ	9/20/06	319.0			87.0	**985.0**	540.0	366.0	4.8	**370.8**	**0.336**
LC19M	HJ	11/3/06	328.0	506.0	7.85	108.0	**863.0**	592.0	547.0	4.1	**551.1**	**0.051**
LC19M	HJ	3/5/07	278.0	432.0	8.02		**1220.0**	473.0	316.0	3.4	**319.4**	**0.844**
LC19M	HJ	5/4/07	266.0	482.0	8.11		**1470.0**	603.0	423.0	1.0	**424.0**	**0.762**
LC22M	HJ	9/21/06	366.0	511.0	8.14	93.0	**810.0**	358.0	261.0	3.2	**264.2**	**0.342**
LC22M	HJ	11/16/06	328.0	531.0	8.15		**597.0**	258.0	247.0	1.9	**248.9**	**0.185**
LC22M	HJ	3/1/07	319.0	483.0	7.87		**86.5**	97.9	1.7	3.6	**5.3**	**0.129**
LC22M	HJ	5/3/07	316.0	513.0	8.11		**576.0**	186.0	308.0	3.8	**311.8**	**0.097**
LC26M	HJ	9/21/06	**554.0**	741.0	8.16	138.0	**306.0**	111.0	87.7	4.6	**92.3**	**0.107**
LC26M	HJ	11/17/06	**528.0**	786.0	8.06		**300.0**	119.0	77.2	3.8	**81.0**	**0.072**
LC26M	HJ	3/1/07	**519.0**	745.0	7.85		**30.5**	46.1	ND	3.6	3.6	**0.045**
LC26M	HJ	5/3/07	449.0	653.0	8.44		**50.2**	23.4	12.4	ND	**12.4**	**0.037**
MB-3B	HJ	8/27/09	231.0	353.0	8.29		**255.0**	48.8	1.9	3.1	5.0	**0.179**
MB-3B	HJ	12/14/09	220.0	358.0	8.17		**215.0**	61.8	1.5	1.5	3.0	**0.186**
MB-3B	HJ	3/30/10	246.0	359.0	8.23	97.0	**204.0**	31.9	1.5	1.5	3.0	**0.174**
MB-3B	HJ	7/6/10	247.0	361.0	7.86	98.0	**235.0**	57.1	1.9	1.3	3.2	**0.194**
MB-6	HJ	8/27/09	256.0	374.0	**8.79**		10.2	8.9	3.4	3.8	**7.2**	0.000
MB-6	HJ	12/14/09	242.0	373.0	7.98		**21.0**	12.9	5.9	3.8	**9.7**	0.007
MB-6	HJ	3/31/10	265.0	370.0	7.90	122.0	**27.9**	12.9	5.5	3.1	**8.6**	0.006
MB-6	HJ	7/7/10	259.0	374.0	7.66	120.0	**24.3**	13.4	4.6	4.5	**9.1**	0.006
MB-9	HJ	8/27/09	333.0	487.0	7.91		**204.0**	54.9	3.2	2.4	**5.6**	**0.152**
MB-9	HJ	12/15/09	240.0	361.0	8.47		12.5	12.3	2.9	4.4	**7.3**	0.004
MB-9	HJ	3/30/10	231.0	369.0	8.05	111.0	**19.2**	13.0	2.2	4.4	**6.6**	0.004
MB-9	HJ	7/6/10	254.0	366.0	7.53	111.0	12.4	6.8	2.7	3.7	**6.4**	0.004

Table V-1 Analytical Results of Baseline Monitoring (Page 11 of 17)

Trace Parameters (Dissolved unless otherwise noted.)											
Well ID	Completion Zone	Sample Date	Al (mg/L)	NH_3-N (mg/L)	As (mg/L)	Ba (mg/L)	B (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	F (mg/L)
LC16M	HJ	9/12/06	ND	ND	0.002	ND	ND	ND	ND	ND	0.10
LC16M	HJ	11/10/06	ND	ND	ND	ND	ND	ND	ND	ND	0.10
LC16M	HJ	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC16M	HJ	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC19M	HJ	9/20/06	ND	ND	**0.014**	ND	ND	ND	ND	ND	ND
LC19M	HJ	11/3/06	ND	ND	0.002	ND	ND	ND	ND	ND	ND
LC19M	HJ	3/5/07	ND	0.06	0.008	ND	ND	ND	ND	ND	0.20
LC19M	HJ	5/4/07	ND	ND	0.007	ND	ND	ND	ND	ND	ND
LC22M	HJ	9/21/06	ND	ND	0.005	ND	ND	ND	ND	ND	ND
LC22M	HJ	11/16/06	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC22M	HJ	3/1/07	ND	ND	0.002	ND	ND	ND	ND	ND	0.20
LC22M	HJ	5/3/07	ND	ND	0.002	ND	ND	ND	ND	ND	0.20
LC26M	HJ	9/21/06	ND	ND	0.003	ND	ND	ND	ND	ND	ND
LC26M	HJ	11/17/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC26M	HJ	3/1/07	ND	0.07	ND	ND	ND	ND	ND	ND	ND
LC26M	HJ	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-3B	HJ	8/27/09	ND	0.25	0.00	ND	ND	ND	ND	ND	ND
MB-3B	HJ	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-3B	HJ	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-3B	HJ	7/6/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-6	HJ	8/27/09	ND	ND	0.00	ND	ND	ND	ND	ND	ND
MB-6	HJ	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-6	HJ	3/31/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-6	HJ	7/7/10	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-9	HJ	8/27/09	ND	0.13	ND	ND	ND	ND	ND	ND	ND
MB-9	HJ	12/15/09	ND	ND	0.01	ND	ND	ND	ND	ND	0.20
MB-9	HJ	3/30/10	ND	ND	0.00	ND	ND	ND	ND	ND	ND
MB-9	HJ	7/6/10	ND	ND	0.00	ND	ND	ND	ND	ND	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 12 of 17)

Trace Parameters (Dissolved unless otherwise noted.)													
Well ID	Completion Zone	Sample Date	Fe (mg/L)		Hg (mg/L)	Mn (mg/L)		Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Se (mg/L)	V (mg/L)	Zn (mg/L)
			Dissolved	Total		Dissolved	Total						
LC16M	HJ	9/12/06	0.03	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC16M	HJ	11/10/06	0.06	0.06	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC16M	HJ	3/1/07	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC16M	HJ	5/4/07	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC19M	HJ	9/20/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC19M	HJ	11/3/06	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC19M	HJ	3/5/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC19M	HJ	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC22M	HJ	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC22M	HJ	11/16/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC22M	HJ	3/1/07	ND	ND	ND	0.02	0.01	ND	ND	ND	ND	ND	ND
LC22M	HJ	5/3/07	ND	0.03	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC26M	HJ	9/21/06	ND	ND	ND	0.02	0.02	ND	ND	ND	ND	ND	ND
LC26M	HJ	11/17/06	0.23	0.23	ND	0.03	0.03	ND	ND	ND	ND	ND	ND
LC26M	HJ	3/1/07	ND	ND	ND	0.02	0.02	ND	ND	ND	ND	ND	ND
LC26M	HJ	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-3B	HJ	8/27/09	0.20	ND	ND	ND	ND	ND	ND	ND	0.02	ND	0.01
MB-3B	HJ	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND
MB-3B	HJ	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND
MB-3B	HJ	7/6/10	ND	0.10	ND	ND	ND	ND	ND	ND	0.02	ND	ND
MB-6	HJ	8/27/09	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-6	HJ	12/14/09	ND	0.04	ND	ND	0.01	ND	ND	ND	ND	ND	ND
MB-6	HJ	3/31/10	ND	0.04	ND	0.01	0.01	ND	ND	ND	ND	ND	ND
MB-6	HJ	7/7/10	ND	0.14	ND	ND	0.01	ND	ND	ND	ND	ND	ND
MB-9	HJ	8/27/09	0.10	**0.42**	ND	ND	ND	ND	ND	ND	0.00	ND	0.05
MB-9	HJ	12/15/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-9	HJ	3/30/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB-9	HJ	7/6/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table V-1 Analytical Results of Baseline Monitoring (Page 13 of 17)

Major Cations and Anions												
Well ID	Completion Zone	Sample Date	Na (mg/L)	K (mg/L)	Ca (mg/L)	Mg (mg/L)	Cl (mg/L)	HCO_3 (mg/L)	CO_3 (mg/L)	SO_4 (mg/L)	SiO_2 (mg/L)	NO_3+NO_2 (mg/L)
LC17M	UKM	9/12/06	27.0	4.0	55.0	2.0	4.0	107.0	4.0	107.0	15.2	ND
LC17M	UKM	11/26/06	27.0	2.0	55.0	2.0	5.0	120.0	ND	94.0	15.1	ND
LC17M	UKM	3/1/07	29.0	2.0	62.0	3.0	5.0	124.0	ND	105.0	16.8	ND
LC17M	UKM	5/4/07	27.0	2.0	61.0	3.0	4.0	142.0	ND	108.0	15.9	ND
LC20M	UKM	9/21/06	32.0	3.0	56.0	2.0	6.0	113.0	2.0	102.0	17.2	ND
LC20M	UKM	11/22/06	32.0	5.0	38.0	ND	6.0	63.0	3.0	80.0	12.7	ND
LC20M	UKM	3/1/07	36.0	11.0	15.0	ND	5.0	39.0	ND	95.0	14.6	ND
LC20M	UKM	5/4/07	35.0	11.0	12.0	ND	6.0	34.0	2.0	91.0	14.1	ND
LC23M	UKM	9/21/06	44.0	8.0	58.0	ND	5.0	83.0	6.0	165.0	13.9	ND
LC23M	UKM	11/26/06	41.0	7.0	50.0	2.0	3.0	85.0	ND	150.0	14.1	ND
LC23M	UKM	3/1/07	64.0	48.0	52.0	ND	15.0	7.0	137.0	146.0	10.7	ND
LC23M	UKM	5/3/07	63.0	52.0	86.0	ND	5.0	4.0	66.0	126.0	9.4	ND
LC24M	UKM	9/21/06	32.0	3.0	68.0	4.0	5.0	109.0	ND	138.0	16.1	ND
LC24M	UKM	11/26/06	29.0	2.0	66.0	3.0	4.0	126.0	2.0	121.0	14.7	ND
LC24M	UKM	3/1/07	31.0	7.0	43.0	3.0	5.0	73.0	ND	126.0	14.8	ND
LC24M	UKM	5/4/07	31.0	7.0	48.0	3.0	5.0	85.0	ND	126.0	14.6	ND
LC27M	UKM	9/26/06	19.5	4.1	29.5	0.6	4.0	93.0	1.0	29.0	15.3	ND
LC27M	UKM	11/16/06	21.0	4.0	27.0	ND	6.0	82.0	2.0	29.0	15.5	ND
LC27M	UKM	3/1/07	21.0	5.0	11.0	ND	4.0	38.0	ND	39.0	16.4	ND
LC27M	UKM	5/3/07	22.0	5.0	7.0	ND	4.0	33.0	5.0	32.0	17.8	ND
LC28M	UKM	9/21/06	27.0	3.0	60.0	3.0	6.0	125.0	ND	101.0	16.1	ND
LC28M	UKM	11/26/06	24.0	2.0	58.0	3.0	4.0	127.0	ND	88.0	15.7	ND
LC28M	UKM	2/28/07	25.0	2.0	59.0	3.0	6.0	127.0	ND	95.0	16.9	ND
LC28M	UKM	5/3/07	25.0	2.0	62.0	3.0	6.0	130.0	ND	96.0	15.0	ND
MB-4	UKM	8/31/09	32.0	8.0	32.0	ND	10.0	ND	23.0	61.0	19.5	0.5
MB-4	UKM	12/14/09	33.0	8.0	19.0	ND	32.0	15.0	10.0	66.0	14.0	0.7
MB-4	UKM	3/30/10	32.0	5.0	21.0	ND	7.0	23.0	16.0	73.0	17.4	0.9
MB-4	UKM	7/7/10	29.0	3.0	19.0	ND	6.0	35.0	10.0	72.0	16.0	ND

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			General Water Quality				Radionuclides					
Well ID	Completion Zone	Sample Date	TDS (mg/L)	Specific Conductivity	Lab pH (SU)	Alkalinity (mg/L)	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Ra-226 (pCi/L)	Ra-228 (pCi/L)	Ra-226 + Ra-228 (pCi/L)	Uranium (mg/L)
LC17M	UKM	9/12/06	262.0				**28.4**	13.7	10.6	1.1	**11.7**	0.0135
LC17M	UKM	11/26/06	262.0	436.0	8.02	98.0	**29.0**	15.5	8.8	12.9	**21.7**	0.010
LC17M	UKM	3/1/07	284.0	433.0	7.88		**26.8**	11.5	5.5	ND	**5.5**	0.011
LC17M	UKM	5/4/07	291.0	467.0	8.11		**17.3**	9.1	7.2	1.5	**8.7**	0.009
LC20M	UKM	9/21/06	274.0	388.0	**8.56**	96.0	**44.4**	24.0	9.6	3.9	**13.5**	**0.036**
LC20M	UKM	11/22/06	216.0	362.0	**8.91**	56.0	**38.7**	19.5	9.3	3.4	**12.7**	0.025
LC20M	UKM	3/1/07	197.0	305.0	7.66		**65.3**	23.9	47.8	ND	**47.8**	0.024
LC20M	UKM	5/4/07	188.0	322.0	**9.04**		**31.9**	23.6	9.2	2.6	**11.8**	0.025
LC23M	UKM	9/21/06	341.0	451.0	**8.87**	76.0	**32.8**	17.5	3.3	ND	3.3	0.023
LC23M	UKM	11/26/06	303.0	498.0	7.97	70.0	**35.0**	14.9	4.7	6.7	**11.4**	0.019
LC23M	UKM	3/1/07	452.0	1180.0	**11.60**		5.3	34.8	1.9	1.0	2.9	0.002
LC23M	UKM	5/3/07	**526.0**	1720.0	**11.60**		**15.1**	44.7	4.7	1.5	**6.2**	0.002
LC24M	UKM	9/21/06	321.0	455.0	8.30	91.0	**107.0**	43.2	6.5	1.5	**8.0**	**0.134**
LC24M	UKM	11/26/06	302.0	500.0	8.33	105.0	**86.8**	27.6	5.9	5.8	**11.7**	**0.100**
LC24M	UKM	3/1/07	266.0	410.0	7.99		**48.6**	22.6	1.8	2.0	3.8	**0.062**
LC24M	UKM	5/4/07	277.0	452.0	8.08		**49.1**	23.8	8.9	1.5	**10.4**	**0.052**
LC27M	UKM	9/26/06	136.0				10.7	9.7	1.1	0.4	1.5	0.0026
LC27M	UKM	11/16/06	145.0	243.0	**8.66**		6.8	9.4	1.1	3.6	4.7	0.002
LC27M	UKM	3/1/07	117.0	171.0	**8.74**		**77.7**	4.1	26.6	ND	**26.6**	0.001
LC27M	UKM	5/3/07	111.0	178.0	**9.51**		2.9	3.9	0.4	ND	0.4	0.002
LC28M	UKM	9/21/06	276.0	394.0	8.14	103.0	**30.7**	19.4	8.1	3.4	**11.5**	0.017
LC28M	UKM	11/26/06	259.0	435.0	8.00	104.0	**18.1**	14.4	8.4	4.2	**12.6**	0.006
LC28M	UKM	2/28/07	269.0	400.0	8.15		**27.0**	13.0	7.7	2.1	**9.8**	0.007
LC28M	UKM	5/3/07	273.0	440.0	8.01		**19.4**	11.2	7.1	3.7	**10.8**	0.023
MB-4	UKM	8/31/09	209.0	474.0	**11.10**		**49.8**	22.4	0.5	1.7	2.2	0.017
MB-4	UKM	12/14/09	183.0	329.0	**9.65**		**59.2**	23.0	0.9	1.2	2.1	**0.065**
MB-4	UKM	3/30/10	198.0	285.0	**9.91**	45.0	**58.6**	13.2	ND	ND	ND	**0.037**
MB-4	UKM	7/7/10	182.0	259.0	**9.36**	45.0	**70.5**	20.5	0.2	0.3	0.5	**0.044**

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Trace Parameters (Dissolved unless otherwise noted.)											
Well ID	Completion Zone	Sample Date	Al (mg/L)	NH_3-N (mg/L)	As (mg/L)	Ba (mg/L)	B (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	F (mg/L)
LC17M	UKM	9/12/06	ND	ND	0.006	ND	ND	ND	ND	ND	0.20
LC17M	UKM	11/26/06	ND	ND	0.003	ND	ND	ND	ND	ND	0.20
LC17M	UKM	3/1/07	ND	0.06	0.002	ND	ND	ND	ND	ND	0.20
LC17M	UKM	5/4/07	ND	ND	0.002	ND	ND	ND	ND	ND	0.20
LC20M	UKM	9/21/06	ND	ND	**0.012**	ND	ND	ND	ND	ND	ND
LC20M	UKM	11/22/06	ND	ND	**0.012**	ND	ND	ND	ND	ND	0.20
LC20M	UKM	3/1/07	ND	ND	**0.012**	ND	ND	ND	ND	ND	0.20
LC20M	UKM	5/4/07	ND	ND	**0.011**	ND	ND	ND	ND	ND	0.20
LC23M	UKM	9/21/06	ND	ND	0.009	ND	ND	ND	ND	ND	ND
LC23M	UKM	11/26/06	ND	ND	0.004	ND	ND	ND	ND	ND	0.20
LC23M	UKM	3/1/07	ND	**0.86**	0.003	0.30	ND	ND	ND	ND	0.40
LC23M	UKM	5/3/07	**0.20**	**0.75**	0.002	0.30	ND	ND	ND	ND	0.20
LC24M	UKM	9/21/06	ND	0.13	0.003	ND	ND	ND	ND	ND	ND
LC24M	UKM	11/26/06	ND	0.08	ND	ND	ND	ND	ND	ND	0.20
LC24M	UKM	3/1/07	ND	0.08	ND	ND	ND	ND	ND	ND	ND
LC24M	UKM	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC27M	UKM	9/26/06	ND	ND	0.009	ND	ND	ND	ND	ND	0.20
LC27M	UKM	11/16/06	ND	ND	0.006	ND	ND	ND	ND	ND	0.30
LC27M	UKM	3/1/07	ND	ND	0.007	ND	ND	ND	ND	ND	0.30
LC27M	UKM	5/3/07	ND	ND	0.005	ND	ND	ND	ND	ND	0.30
LC28M	UKM	9/21/06	ND	ND	0.005	ND	ND	ND	ND	ND	ND
LC28M	UKM	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC28M	UKM	2/28/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
LC28M	UKM	5/3/07	ND	ND	ND	ND	ND	ND	ND	ND	0.20
MB-4	UKM	8/31/09	**0.30**	0.07	0.00	ND	ND	ND	ND	ND	ND
MB-4	UKM	12/14/09	ND	ND	0.01	ND	ND	ND	ND	ND	0.30
MB-4	UKM	3/30/10	ND	ND	0.01	ND	ND	ND	ND	ND	ND
MB-4	UKM	7/7/10	ND	ND	0.01	ND	ND	ND	ND	ND	ND

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Trace Parameters (Dissolved unless otherwise noted.)													
Well ID	Completion Zone	Sample Date	Fe (mg/L)		Hg (mg/L)	Mn (mg/L)		Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Se (mg/L)	V (mg/L)	Zn (mg/L)
			Dissolved	Total		Dissolved	Total						
LC17M	UKM	9/12/06	0.03	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC17M	UKM	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC17M	UKM	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC17M	UKM	5/4/07	0.05	0.05	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC20M	UKM	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC20M	UKM	11/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC20M	UKM	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC20M	UKM	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC23M	UKM	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
LC23M	UKM	11/26/06	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
LC23M	UKM	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC23M	UKM	5/3/07	ND	ND	ND	ND	ND	ND	ND	0.002	0.005	ND	ND
LC24M	UKM	9/21/06	**0.32**	**0.32**	ND	ND	ND	ND	ND	ND	0.002	ND	ND
LC24M	UKM	11/26/06	0.16	0.16	ND	ND	ND	ND	ND	ND	0.002	ND	ND
LC24M	UKM	3/1/07	0.06	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC24M	UKM	5/4/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC27M	UKM	9/26/06	0.15	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC27M	UKM	11/16/06	0.08	0.08	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC27M	UKM	3/1/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC27M	UKM	5/3/07	0.04	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC28M	UKM	9/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC28M	UKM	11/26/06	0.04	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND
LC28M	UKM	2/28/07	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
LC28M	UKM	5/3/07	0.05	0.05	ND	ND	0.01	ND	ND	ND	0.002	ND	ND
MB-4	UKM	8/31/09	0.30	ND	ND	ND	ND	ND	ND	ND	0.016	ND	ND
MB-4	UKM	12/14/09	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND
MB-4	UKM	3/30/10	ND	0.12	ND	ND	ND	ND	ND	ND	0.015	ND	ND
MB-4	UKM	7/7/10	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND

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ND - Concentration was below the laboratory detection limit.
Blank - Sample not analyzed for this parameter.
WQD and EPA criteria listed in Table D6-15b.

Bold	Concentration exceeds WQD Domestic Class-of-Use (Class I).
Bold	Concentration exceeds WQD Agricuture Class-of-Use (Class II).
Bold	Concentration exceeds WQD Livestock Class-of-Use (Class III).
Bold	Concentration exceeds EPA criteria.

Highlight for concentration exceeding WQD criteria is based on the lowest criteria exceeded.
Blank and duplicate samples were ommitted from this table and are presented in Attachment D6-4