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ExxonMobil

November 24, 2009

Dr. Anna Krzyszowska-Waitkus
Wyoming Department of Environmental Quality
Land Quality Division
Hershler Building
122 West 25th Street
Cheyenne, Wyoming 82002

RE: Mine Permit 218-C - Highland Mine Site – Inspection and Annual Report

Dear Dr. Krzyszowska-Waitkus:

Thank you for your inspection on July 27, 2009, and subsequent recommendations in your Annual Inspection Report dated September 21, 2009. The activities that you recommended that we complete in the fall of 2009 have been completed. Details of the work will be included in the upcoming annual report, as required.

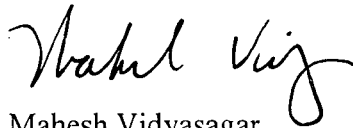
In the Annual Inspection Report, Wyoming Department of Environmental Quality-Land Quality Division (WDEQ/LQD) also recommended that we undertake specified additional activities by the fall of 2010. These included measures at areas 11, 12, and adjacent to 4. These items will be evaluated with regards to jurisdiction, regulatory requirements, feasibility, health and safety, and engineering design needs. A letter outlining the evaluation will be submitted shortly.

During our June 9, 2009, meeting, the WDEQ/LQD also requested that ExxonMobil provide the results from all of the surface water and groundwater sampling conducted at the site as part of the Annual Inspection Report. The Annual Inspection Report documents actions required in the mine permit, including results of water quality analyses required by the Permit. Additional water quality analyses are performed as part of the Nuclear Regulatory Commission (NRC) Radioactive Materials License requirements. For consistency purposes, I have included only the items necessary to satisfy the mine permit reporting requirements in the annual report. However, to make sure you have the sampling data that was requested, I have included the results of all of the sampling conducted at the site for the time period consistent with the WDEQ Annual Report (4th quarter 2008 through 3rd quarter 2009) as an attachment to this letter.

Please feel free to contact me at anytime if you have any additional questions or concerns.

Sincerely,

ExxonMobil Environmental Services

A handwritten signature in black ink, appearing to read "Mahesh Vidyasagar". The signature is fluid and cursive, with the first name "Mahesh" and last name "Vidyasagar" clearly distinguishable.

Mahesh Vidyasagar
Project Manager

enclosures (1)

cc: Steve Ingle, WDEQ/LQD
Tom McLaughlin, US NRC
Rebecca Bilodeau, TetraTech
Bruce Wielinga, AMEC

Table 1. Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Alkalinity HCO ₃ mg/L	Alkalinity CO ₃ mg/L	As mg/L	Cd mg/L	Ca mg/L	Cl mg/L	Cr mg/L	Cond umhos/c	Gross Alpha pCi/L	Pb mg/L	Mg mg/L	Ni mg/L	(NO ₂ +N O ₃)-N mg/L	pH field s.u.	pH lab s.u.	K mg/L	Ra-226 pCi/L
15	12/16/2008	Dry																
47	3/3/2009	130	1.8			23	4.3			1.2		4.54					3.73	0.31
	8/25/2009	128	3.9			25.0	6.4		600	<0.5	4.92				8.19		3.74	0.19
112	11/17/2008						117		3540					<0.04	6.93			
	2/19/2009			<0.00095	<0.00021		121	<0.00068	3570	1.3	0.00018		0.0038	<0.04	7.08	7.4		0.2
	5/22/2009						144		3490					<0.04	7.04	7.1		
	8/19/2009			<0.00095	<0.0002		156	<0.0006	3420	0.6		0.0035	<0.04	0.00011J	7.06	7.4		0.29
114	11/17/2008						424		3550					<0.04	5.23			
	2/18/2009			<0.00095	<0.00021		307	<0.00068	5750	<0.8	<0.00005		0.876	<0.4	5.83	5.6		0.56
	5/20/2009						326		5740					0.18	5.94	5.8		
	8/31/2009			<0.00095	0.00054		357	<0.0006	5190	0.8		0.984	<0.04	0.0031	6.53	5.6		0.43
116	11/18/2008						95.5		1953					<0.04	7.04			
	2/18/2009			<0.00095	<0.00021		81.9	<0.00068	1992	1.4	<0.00005		<0.0005	<0.04	7.22	7.4		0.29
	5/19/2009						78.1		1972					<0.04	7.21	7.3		
	8/31/2009			<0.00095	<0.0002		78.1	<0.0006	1910	2.1		<0.0005	<0.04	<0.00005	7.15	7.4		1.4
117	12/16/2008	Dry																
120	11/18/2008						523		4720					<0.04	6.4			
	2/19/2009			<0.00095	<0.00021		435	<0.00068	4840	1.9	<0.00005		0.0021	<0.4	6.62	6.9		0.97
	5/21/2009						432		4690					<0.04	6.8	6.8		
	8/25/2009			<0.0048	<0.001		550	<0.003	4430	1.2		0.0027J	<0.04	<0.00025	6.78	6.6		<0.16
125	11/18/2008						15.2		1194					0.11	7.01			
	2/19/2009			<0.00095	<0.00021		14.2	0.001	1156	3.7	<0.00005		0.0029	0.31	7.19	7.7		0.64
	5/22/2009						13		1088					1.1	7.23	7.7		
	8/24/2009			<0.00095	<0.0002		12.6	<0.0006	1049	2.1		0.0015J	1	0.00019J	7.03	7.6		0.8
127	12/16/2008	Dry																
128	12/2/2008						10.2		757					<0.04	7.25			
	4/1/2009			<0.00095	<0.00021		2.3	<0.00068		1.4	0.00025		0.003	<0.04		7.7		<0.17
	6/17/2009						6.6		704					<0.04	7.27	7.7		
	8/25/2009			<0.00095	<0.0002		9.3	<0.0006	669	<0.7		0.0027	<0.04	0.00023J	6.9	7.6		<0.18
129	12/2/2008						49.8		1999					0.22	7.15			
	2/19/2009			<0.00095	<0.00021		52	<0.00068	1603	1.5	5.6E-05		0.0059	<0.04	7.11	7.6		<0.25
	5/21/2009						35.1		2140					14.5	7.12	7.7		
	9/1/2009			<0.00095	<0.0002		61.7	0.0007J	1923	<0.7		0.0118	2.8	0.000076	6.92	7.6		<0.17
131	3/3/2009	223	189			67.4	9.4			<0.8		<0.0135					6.04	<0.17
	8/20/2009	<0.46	73.0			48.5	9.4		933	<0.7	0.0611J				11.28		5.69	<0.19
133	3/6/2009	126	<0.46			29.6	6.6			2.5		5.08					3.06	<0.17
	8/10/2009	127	<0.46			29.3	114		599	<0.7	5.03				7.64		3.44	<0.2
134	12/2/2008						18.3		1578					<0.04	7.17			
	3/2/2009	241	<0.46	<0.00095	<0.00021	126	16.2	<0.00068	1577	<0.8	<0.00005	26	<0.0005	<0.04	7.49	7.6	5.89	<0.19
	5/18/2009						20.5		4660					<0.04	7.41	7.6		
	8/10/2009	240	<0.46	<0.00095	<0.0002	125	18.6J	<0.0006	1569	<0.7	25.8	<0.0005	<0.04	<0.00005	7.55	7.4	6.01	0.43
136	2/19/2009	160	<0.46			18.5	2.8			1.5		3.65					2.71	<0.17
	9/9/2009								579	<0.7					7.89			0.23
141	2/17/2009	123	<0.46			20.1	2.5			0.8		4.12					2.69	0.48
	9/2/2009	121	<0.46			20.6	2.5		666	<0.7	4.12				7.64		2.90	<0.2
142	3/6/2009	130	<0.46			72.6	5.6			1.1		16.7					4.02	0.27
	8/11/2009	133	<0.46			68.8	64.5		979	<0.7	15.9				7.68		4.49	0.38
144	3/5/2009	144	<0.46			37.9	6.6			<0.8		6.5					3.59	0.62
	9/10/2009								635	<0.7					7.75			<0.2
148	12/16/2008	Dry																
170	3/6/2009	72.5	<0.46			119	39.9			8.7		20.9					9.38	0.38
	8/13/2009	72.8	<0.46			115	79.1		1194	9.8	20.7				7.47		10.0	8.2
171	12/2/2008						35.1		1194					0.041	6.56			
	3/2/2009	59.9	<0.46	<0.00095	<0.00021	122	30.5	<0.00068	1222	<0.8	0.00031	20.8	0.0022	<0.04	6.58	7.2	9.9	7.8
	5/18/2009						63.9		3300					<0.04	6.28	7.2		
	8/13/2009	60.8	<0.46	<0.00095	<0.0002	121	33.9	<0.0006	1184	0.9	20.1	0.0012J	0.064J	0.000072	6.24	7.2	9.4	0.34
	12/4/2008						9.5		856					<0.04	7.39			

Table 1 Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Alkalinity HCO ₃ mg/L	Alkalinity CO ₃ mg/L	As mg/L	Cd mg/L	Ca mg/L	Cl mg/L	Cr mg/L	Cond umhos/c	Gross Alpha pCi/L	Pb mg/L	Mg mg/L	Ni mg/L	(NO ₂ +N O ₃)-N mg/L	pH field s.u.	pH lab s.u.	K mg/L	Ra-226 pCi/L
172	2/18/2009	119	<0.46	<0.00095	<0.00021	53	8.2	<0.00068	849	1.3	<0.00005	10	<0.0005	<0.04	7.77	7.9	4.42	0.46
	5/19/2009						10.2		831					<0.04	7.79	7.9		
	8/12/2009	116	<0.46	<0.00095	<0.0002	52.3	175	<0.0006	806	1.6	9.94	<0.0005	<0.04	<0.00005	7.82	7.9	4.63	0.67
173	12/5/2008						84.4		1287					<0.04	7			
	2/23/2009			<0.00095	<0.00021		92.4	<0.00068	1268	2.3	0.00018		<0.0005	<0.04	7.09	7.8		0.98
	5/18/2009						114		3690					<0.04	7.55	7.2		
	8/10/2009			<0.00095	<0.0002		126	<0.0006	1268	0.8		<0.0005	<0.04	0.000064	7.61	7.6		0.49
174	12/4/2008						6.8		492					<0.04	7.6			
	2/18/2009			<0.00095	<0.00021		5.4	<0.00068	504	1	<0.00005		<0.0005	<0.04	7.86	8		0.81
	5/19/2009						6.3		490					<0.04	7.81	7.9		
	9/2/2009			<0.00095	<0.0002		5.3	<0.0006	480	1		<0.0005	<0.04	0.000066	7.82	8		<0.17
175	12/5/2008						298		5600					<0.2	6.21			
	2/19/2009			<0.00095	<0.00021		280	<0.00068	5490	2.4	0.00055		0.808	<0.4	6.35	6.6		0.29
	5/20/2009						300		5580					<0.04	6.39	6.5		
	8/31/2009			<0.00095	<0.0002		296	<0.0006	5370	1.3		0.797	0.042J	0.000054	6.37	6.3		0.81
176	12/8/2008						260		4410					<0.2	6.93			
	3/3/2009			<0.00095	<0.00021		231	<0.00068	4320	2.1	<0.00005		<0.0005	<0.04	7.01	7		1.4
	5/21/2009						241		4390					0.043J	6.84	7		
	8/12/2009			<0.00095	<0.0002		217	<0.0006	4310	1.1		<0.0005	<0.04	0.000056	7.02	6.9		0.83
177	12/16/2008	No sample -unable to measure																
178	12/8/2008						289		4480					1.5				
	4/1/2009			<0.00095	0.0018		254	<0.00068	4460	2.3	0.0034		0.399	1.4	7.25	7.8		0.95
	6/17/2009						370		4320					1.9	7.48	7.5		
	9/10/2009			<0.00095	0.0012		277	<0.0006	4380	<0.7		0.221	1.7	0.0013	6.75	7.3		0.42
179	12/8/2008						188		3180					<0.04	7.2			
	3/3/2009			<0.00095	<0.00021		159	<0.00068	3140	1.7	<0.00005		0.00077	<0.04	7.31	7.5		0.6
	5/20/2009						163		3190					<0.04	7.33	7.5		
	8/12/2009			<0.00095	<0.0002		203	<0.0006	3140	0.9		<0.0005	<0.04	<0.00005	7.43	7.4		0.54
180	12/16/2008	Dry																
181	12/10/2008						58.4		1902					<0.04	7.11			
	3/4/2009			<0.00095	<0.00021		58.4	<0.00068	1874	1.3	<0.00005		<0.0005	<0.04	7.35	7.6		0.46
	5/21/2009						75.2		1878					<0.04	7.29	7.5		
	8/11/2009			<0.00095	<0.0002		72.6	<0.0006	1886	<0.7		<0.0005	<0.04	<0.00005	7.43	7.4		0.52
182	12/10/2008						11.3		677					<0.04	7.7			
	3/5/2009			<0.00095	<0.00021		11.1	<0.00068	671	1	<0.00005		<0.0005	<0.04	8.11	8.2		0.46
	5/21/2009						12		673					<0.04	7.94	8.2		
	8/11/2009			<0.00095	<0.0002		97.3	<0.0006	667	<0.7		<0.0005	<0.04	0.000091	8.11	8.2		0.23
183	12/10/2008						326		2570		<0.00005			<0.04	7.08			
	3/3/2009			<0.00095	<0.00021		137	<0.00068	2520	1.5	<0.00005		<0.0005	<0.04	7.22	7.6		<0.21
	5/20/2009						137		2560					<0.04	7.28	7.4		
	8/12/2009			<0.00095	<0.0002		367	<0.0006	2510	0.9		0.00052J	<0.04	<0.00005	7.39	7.4		<0.14
BBL-1*	12/12/2008	175	<0.46	<0.00095	<0.00021	35	8.3	<0.00068	531	1.4	0.0021	7.57	<0.0005	<0.04	7.52		5.26	0.31
	3/4/2009	175	<0.46	<0.00095	<0.00021	34.6	3.1	<0.00068	529	1	5.7E-05	7.57	<0.0005	<0.04	7.69	7.8	4	0.26
	5/28/2009	177	<0.46	<0.00095	<0.0002	33.8	3.4	<0.0006	533	0.7	<0.00005	7.26	<0.0005	<0.04	7.66	7.8	4.26	0.35
	8/20/2009	174	<0.46	<0.00095	<0.0002	35.1	3.2	<0.0006	530	0.9	7.71	<0.0005	<0.04	0.000064	7.67	7.8	4.38	<0.25
BBL-2*	12/12/2008	307	<0.46	<0.00095	<0.00021	376	82.7	<0.00068	2530	1.2	<0.00005	100	0.0113	4.3	6.85		7.54	<0.19
	3/4/2009	305	<0.46	<0.00095	<0.00021	398	70.3	<0.00068	2490	1.1	0.0018	94.8	0.0116	4.8	7.22	7.4	4.52	<0.17
	5/28/2009	306	<0.46	<0.00095	<0.0002	371	71.9	<0.0006	2450	0.6	0.0016	88.7	0.0098	4.9	7.17	7.4	4.72	0.25
	8/20/2009	308	<0.46	<0.00095	<0.0002	360	70.8	<0.0006	2410	<0.8	92.3	0.0105	4.8	0.0014	7.1	7.4	4.7	<0.2
BBL-3*	12/15/2008	460	<0.46	0.0019J	<0.00021	534	202	<0.00068	3680	3.1	<0.00005	163	0.0028	<0.04	6.88		13.7	0.64
	3/4/2009	461	<0.46	0.0022	<0.00021	584	222	<0.00068	3600	2.1	<0.00005	168	0.0037	<0.04	6.83	6.9	8.47	0.91
	5/28/2009	464	<0.46	0.0016J	<0.0002	609	229	<0.0006	3690	2.1	0.00014J	159	0.0051	<0.04	6.88	6.8	8.76	0.99
	8/18/2009	456	<0.46	0.0018J	<0.0002	614	235	<0.0006	3600	1.1	165	0.0033	<0.04	<0.00005	6.86	6.8	8.88	0.8
BBL-4*	12/15/2008	211	<0.46	<0.00095	<0.00021	391	123	<0.00068	2800	1.7	0.00066J	100	0.0112	<0.04	6.97		12.8	<0.1
	3/4/2009	209	<0.46	<0.00095	<0.00021	434	170	<0.00068	2770	0.9	0.00017	102	0.0102	<0.04	7.09	7.2	8.54	0.24
	6/18/2009	210	<0.46	<0.00095	<0.0002	438	283	<0.0006	2760	<0.7	0.00014J	101	0.0072	0.047J	7.06	7.1	9.5	0.61
	8/18/2009	211	<0.46	<0.00095	<0.0002	451	174	<0.0006	2800	<0.8	108	0.0082	<0.04	0.000078	7.11	7.1	9.68	<0.2

Table 1 Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Alkalinity HCO ₃ mg/L	Alkalinity CO ₃ mg/L	As mg/L	Cd mg/L	Ca mg/L	Cl mg/L	Cr mg/L	Cond umhos/c	Gross Alpha pCi/L	Pb mg/L	Mg mg/L	Ni mg/L	(NO ₂ +N O ₃)-N mg/L	pH_field s.u.	pH_lab s.u.	K mg/L	Ra-226 pCi/L
MFG-1*	12/11/2008	775	<0.46	<0.00095	<0.00021	788	356	<0.00068	4780	2.5	<0.00005	233	0.0082	1.9	6.52		18.3	0.28
	2/23/2009	741	<0.46	<0.00095	<0.00021	739	326	<0.00068	4740	1.4	0.00089	232	0.0078	2.8	6.54	6.6	11.8	<0.18
	6/16/2009	732	<0.46	<0.00095	<0.0002	757	411	<0.0006	4460	1.1	0.0013	230	0.0076	3.5	6.38	6.6	11.3	0.34
	8/19/2009	697	<0.46	<0.00095	0.00021J	746	386	<0.0006	4400	0.8	227	0.0079	5.8	0.00046J	6.39	6.7	10.6	<0.16
MFG-2*	12/11/2008	664	<0.46	<0.00095	<0.00021	596	179	<0.00068	3810	4.2	<0.00005	183	<0.0005	0.2	6.57		16.9	2
	2/23/2009	657	<0.46	<0.00095	<0.00021	705	164	<0.00068	3760	3.1	0.0002	198	<0.0005	<0.2	6.57	6.6	12.6	1.6
	6/16/2009	681	<0.46	<0.00095	<0.0002	737	155	<0.0006	3950	2.3	<0.00005	199	<0.0005	<0.04	6.61	6.6	12.4	1.8
	8/19/2009	662	<0.46	<0.00095	<0.0002	670	188	<0.0006	3780	2.1	197	<0.0005	<0.2	<0.00005	6.73	6.6	11.8	2
MFG-3*	12/11/2008	265	<0.46	<0.00095	<0.00021	236	62	<0.00068	1767	2.8		52.7	<0.0005	<0.04	7.25		13.3	0.8
	2/23/2009	266	<0.46	<0.00095	<0.00021	234	66.5	<0.00068	1871	1.5	0.00012	53.1	0.00061	0.14	7.32	7.5	10.3	0.9
	6/16/2009	267	<0.46	<0.00095	<0.0002	261	89.1	<0.0006	1906	1.5	<0.00005	55.5	0.00075J	<0.04	7.33	7.4	10.6	1.1
	8/19/2009	268	<0.46	<0.00095	<0.0002	253	154	<0.0006	1895	1.3	57.2	<0.0005	<0.04	<0.00005	7.31	7.3	10.4	0.68
TT-1*	2/17/2009	155	<0.46	<0.00095	<0.00021	61.9	4.7	<0.00068	998	<0.6	<0.00005	13.7	<0.0005	<0.04	7.5	7.8	4.36	0.3
	5/27/2009	157	<0.46	<0.00095	<0.0002	63	6	<0.0006	1007	1.3	<0.00005	12.5	<0.0005	<0.04	7.38	7.4	4.17	<0.18
	8/17/2009	155	<0.46	<0.00095	<0.0002	68.7	4.4	<0.0006	1016	0.9	13.7	<0.0005	<0.04	<0.00005	7.38	7.8	4.45	<0.21
TT-2*	2/17/2009	187	<0.46	<0.00095	<0.00021	250	16.8	<0.00068	1917	1.2	0.00018	67.5	0.0016	<0.04	7.47	7.6	5.2	0.5
	6/17/2009	187	<0.46	<0.00095	<0.0002	258	16.5	<0.0006	1868	1.1	<0.00005	69.7	0.0011J	<0.04	7.06	7.4	5.81	0.36
	8/13/2009	185	<0.46	<0.00095	<0.0002	239	69.4	<0.0006	1818	1.5	66.9	0.0011J	<0.04	<0.00005	6.66	7.3	5.52	0.61
TT-3*	2/16/2009	175	<0.46	0.0026	<0.00021	222	47.4	<0.00068	1562	0.7	0.0011	51.6	0.00074	<0.04	7.3	7.3	7.37	0.32
	6/17/2009	182	<0.46	0.0022	<0.0002	239	62.1	<0.0006	1489	<0.7	<0.00005	55.3	0.00062J	<0.04	7.49	7.3	7.84	0.45
	8/17/2009	181	<0.46	0.002	<0.0002	250	70.2	<0.0006	1510	0.9	59.1	<0.0005	<0.04	<0.00005	7.3	7.3	7.97	0.28
TT-4*	2/17/2009	245	<0.46	<0.00095	<0.00021	187	21	<0.00068	1475	1.5	0.00043	42.5	0.00092	<0.04	7.15	7.3	7.4	<0.17
	5/27/2009	245	<0.46	<0.00095	<0.0002	181	23.6	<0.0006	1455	1.2	<0.00005	40.6	0.00065J	<0.04	7.13	7.4	7.3	<0.18
	8/18/2009	248	<0.46	<0.00095	<0.0002	199	24	<0.0006	1471	<0.7	45.4	<0.0005	<0.04	<0.00005	7.15	7.2	7.96	<0.2
TT-5*	2/17/2009	249	<0.46	0.002	<0.00021	78.2	7.5	<0.00068	955	<0.6	0.00016	21.4	<0.0005	<0.04	7.36	7.5	3.2	0.23
	5/27/2009	307	<0.46	0.0025	<0.0002	171	23.2	<0.0006	1784	0.8	<0.00005	44.5	0.00071J	<0.04	7.42	7.3	4.18	0.22
	8/18/2009	269	<0.46	0.0021	<0.0002	132	18.1	<0.0006	1282	<0.7	35.4	<0.0005	<0.04	<0.00005	7.12	7.3	3.84	<0.22
TT-6*	2/17/2009	310	<0.46	0.0046	<0.00021	227	28.9	<0.00068	2400	<0.6	0.0001	65.3	0.0012	<0.04	7.15	7.1	5.52	0.39
	5/27/2009	301	<0.46	0.0035	<0.0002	124	14.7	<0.0006	1366	0.5	<0.00005	36.1	0.00067J	0.18	7.32	7.2	4.03	<0.17
	8/17/2009	282	<0.46	0.0036	<0.0002	150	23.3	<0.0006	1829	<0.7	44.8	<0.0005	<0.04	<0.00005	7.03	7.2	4.99	0.26
TT-7*	2/17/2009	268	<0.46	<0.00095	<0.00021	316	97.7	<0.00068	2200	0.7	0.00067	76.6	0.0019	<0.04	7.08	7.1	5.86	<0.17
	6/18/2009	270	<0.46	<0.00095	<0.0002	340	103	<0.0006	2260	1.7	0.00014J	83	0.0016J	<0.04	6.98	7.1	6.69	0.75
	8/17/2009	299	<0.46	<0.00095	<0.0002	340	73.6	<0.0006	2160	2.8	84.8	0.0013J	<0.04	<0.00005	6.93	7.2	7.14	<0.2
TT-8*	2/16/2009	577	<0.46	0.0017	<0.00021	643	267	<0.00068	4020	2.2	0.00024	172	0.0262	<0.4	6.66	6.8	8.52	0.73
	5/28/2009	587	<0.46	0.0013J	<0.0002	663	259	<0.0006	4070	1.3	0.00006J	164	0.0235	0.41	6.73	6.7	8.48	0.58
	8/20/2009	578	<0.46	0.0012J	<0.0002	630	382	<0.0006	4030	1.1	171	0.0273	0.36	0.00013J	6.71	6.9	8.41	0.28
Notes:																		
-Second and forth quarter wells have reduced suite of analyses (per NRC "short list").																		
*Wells sampled for NRC program, but not in current license.																		

Table 1 Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Ra-228 pCi/L	Se mg/L	Na mg/L	SO4 mg/L	TDS mg/L	Temp degrees C	Th-230 pCi/L	U mg/L
15	12/16/2008								
47	3/3/2009	2.8	<0.00099	111	165	400		<0.1	0.0004
	8/25/2009	1.6	<0.00099	109	181	418	14.6	<0.1	0.0013
112	11/17/2008			244	1890	3160	12.4		
	2/19/2009	0.96	<0.00099	237	1760	3080	11.9	<0.1	0.0358
	5/22/2009			240	1860	3080	13.3		
	8/19/2009	4.6	<0.00099	225	1890	2980	12.5	<0.2	0.0365
114	11/17/2008			289	3720	5290	11.9		
	2/18/2009	1.6	<0.00099	289	3670	5380	10.4	<0.2	<0.0003
	5/20/2009			320	3970	5530	11.8		
	8/31/2009	6.6	<0.005	306	3220	5300	13.0	<0.1	<0.0003
116	11/18/2008			96.9	758	1430	11.7		
	2/18/2009	5.3	<0.00099	109	731	1470	12	<0.2	0.0137
	5/19/2009			98.7	840	1510	11.9		
	8/31/2009	4.7	<0.00099	106	720	1530	11.5	<0.1	0.015
117	12/16/2008								
120	11/18/2008			288	2040	4270	12.8		
	2/19/2009	3.3	<0.00099	298	1930	4160	9.2	<0.2	0.0005
	5/21/2009			317	2130	4260	13.4		
	8/25/2009	2.5	<0.005	279	1830	4110	13.5	<0.2	0.0005
125	11/18/2008			84	431	870	11.4		
	2/19/2009	<0.94	0.0038	90.6	630	819	10.1	<0.2	0.015
	5/22/2009			78.3	374	768	11.7		
	8/24/2009	2.8	0.0103	77.2	356	757	12.2	0.7	0.0173
127	12/16/2008								
128	12/2/2008			104	174	499	11.6		
	4/1/2009	<1.4	<0.00099	102	36	463		<0.1	0.0048
	6/17/2009			104	179	469	14.1		
	8/25/2009	<1.1	<0.00099	93.3	150	466	11.5	<0.2	0.0042
129	12/2/2008			175	1010	1600	11.3		
	2/19/2009	1.7	0.0017	166	597	1140	10.3	<0.2	0.0012
	5/21/2009			187	1160	1880	11.9		
	9/1/2009	<1.1	0.272	183	964	1670	12.5	<0.2	0.0024
131	3/3/2009	1	<0.00099	80.7	98.9	418		<0.3	<0.0003
	8/20/2009	<1.2	<0.00099	79.3	97.1	404	12.8	<0.2	<0.0003
133	3/6/2009	1.6	<0.00099	96.1	155	387		<0.2	<0.0003
	8/10/2009	<1.2	<0.00099	91.3	181	383	13.0	<0.1	<0.0003
134	12/2/2008			209	509	1160	12		
	3/2/2009	<0.96	<0.00099	219	581	1150	12.3	<0.2	0.0009
	5/18/2009			197	675	1160	12.5		
	8/10/2009	<1.2	<0.00099	191	648	1130	13.2	<0.1	0.001
136	2/19/2009	<1	<0.00099	107	141	368		<0.2	0.0003
	9/9/2009	<1.2					11.4	<0.2	0.0004
141	2/17/2009	<1	<0.00099	113	224	431		<0.2	<0.0003
	9/2/2009	<1.3	<0.00099	126	197	438	13.4	<0.2	<0.0003
142	3/6/2009	1.3	<0.00099	126	363	678		<0.2	0.0148
	8/11/2009	<1.3	<0.00099	115	383	681	12.8	<0.1	0.0143
144	3/5/2009	1.1	<0.00099	88.8	156	404		<0.2	<0.0003
	9/10/2009	<1.3					11.4	<0.1	<0.0003
148	12/16/2008								
170	3/6/2009	2	<0.00099	104	475	855		0.2	0.526
	8/13/2009	<1.4	<0.00099	107	511	831	11.5	<0.3	0.561
171	12/2/2008			108	574	859	11.7		
	3/2/2009	1.4	<0.00099	106	484	857	11.7	<0.2	0.001
	5/18/2009			99.1	559	854	11.9		
	8/13/2009	<1.2	<0.00099	107	598	860	14.1	<0.2	0.0011
	12/4/2008			126	339	618	12.8		

Table 1 Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Ra-228 pCi/L	Se mg/L	Na mg/L	SO4 mg/L	TDS mg/L	Temp degrees C	Th-230 pCi/L	U mg/L
172	2/18/2009	1.5	<0.00099	110	296	575	12.4	<0.1	<0.0003
	5/19/2009			112	326	582	14.2		
	8/12/2009	1.6	<0.00099	123	386	564	14.0	<0.2	<0.0003
173	12/5/2008			89.4	410	849	12.3		
	2/23/2009	1.5	<0.00099	90.3	406	884	13.3	<0.2	0.0029
	5/18/2009			91.7	462	891	14		
	8/10/2009	<1.2	<0.00099	90.2	438	890	13.9	<0.2	0.0029
	12/4/2008			69.1	109	316	13		
174	2/18/2009	1.2	<0.00099	76.4	100	306	12.7	<0.2	<0.0003
	5/19/2009			71.2	106	311	14.3		
	9/2/2009	<1.3	<0.00099	64	108	311	12.7	<0.2	<0.0003
	12/5/2008			275	3270	4790	12.1		
175	2/19/2009	7.4	<0.00099	307	3090	5100	12	<0.2	0.0284
	5/20/2009			308	3330	3980	12.2		
	8/31/2009	9.4	<0.005	290	2840	5070	12.2	<0.2	0.0289
	12/8/2008			259	2590	4120	11.5		
176	3/3/2009	3.3	<0.00099	246	2310	4150	12.2	<0.2	<0.0003
	5/21/2009			248	2840	4020	12.2		
	8/12/2009	4.4	<0.00099	241	1990	4100	13.1	<0.2	<0.0003
	12/16/2008								
178	12/8/2008			261	2550	4190	10.3		
	4/1/2009	<1.1	<0.00099	271	2290	4240	11.3	<0.3	0.0026
	6/17/2009			270	2850	4300	14.3		
	9/10/2009	<1	<0.00099	272	2230	4130	13.6	<0.2	0.0021
179	12/8/2008			271	1820	2460	11.2		
	3/3/2009	1.9	<0.00099	289	1460	2570	11.9	<0.2	<0.0003
	5/20/2009			299	1710	2640	12.3		
	8/12/2009	2.9	<0.00099	323	1710	2680	13.0	<0.1	<0.0003
180	12/16/2008								
181	12/10/2008			218	519	1300	11.1		
	3/4/2009	<1.1	<0.00099	220	554	1320	11.8	<0.3	<0.0003
	5/21/2009			237	661	1330	11.9		
	8/11/2009	1.8	<0.00099	241	503	1330	12.3	<0.2	<0.0003
182	12/10/2008			114	184	427	11.4		
	3/5/2009	<1.1	<0.00099	112	188	418	11.9	<0.2	<0.0003
	5/21/2009			117	203	426	11.9		
	8/11/2009	<1.3	<0.00099	129	203	426	12.6	<0.2	<0.0003
183	12/10/2008			229	1260	2000	12.2		
	3/3/2009	1.6	<0.00099	229	1080	2020	12.7	<0.2	<0.0003
	5/20/2009			246	1110	1980	13.5		
	8/12/2009	1.7	<0.00099	241	1110	2030	13.6	<0.1	<0.0003
BBL-1*	12/12/2008	2.4	<0.0003	67.6	88.7	330	11.6	<0	<0.0003
	3/4/2009	2.5	<0.00099	69.2	91.3	334	11.8	<0.2	<0.0003
	5/28/2009	<1.1	<0.00099	68.6	101	323	12.3	<0.2	<0.0003
	8/20/2009	<1.4	<0.00099	68.3	88.8	332	11.2	<0.2	<0.0003
BBL-2*	12/12/2008	1.6	0.0538	124	1260	2260	11.4	<0	0.0528
	3/4/2009	1.8	0.0596	129	1180	2150	12.5	<0.1	0.0479
	5/28/2009	<1.1	0.0553	121	1400	2090	12.7	<0.2	0.0481
	8/20/2009	<1.2	0.0598	119	1280	2120	11.5	<0.2	0.0509
BBL-3*	12/15/2008	6.6	<0.0003	149	1760	3090	11.4	<0.1	0.0499
	3/4/2009	4.9	<0.00099	145	1680	3280	12.3	<0.1	0.0476
	5/28/2009	3.6	<0.00099	150	1900	3300	13.1	<0.1	0.0495
	8/18/2009	4.4	<0.00099	153	1820	3090	11.4	<0.2	0.05
BBL-4*	12/15/2008	1.6	0.0012J	112	1210	2200	11.8	<0	0.0394
	3/4/2009	1.5	0.0011	111	1300	2290	12.8	<0.2	0.0343
	6/18/2009	<1.1	0.0013J	126	1500	2340	12.6	<0.1	0.0367
	8/18/2009	1.2	0.0023	120	1450	2370	12.3	<0.2	0.0414

Table 1 Highland Ground Water Data (4th Quarter 2008 - 3rd Quarter 2009)

Sample Name	Date	Ra-228 pCi/L	Se mg/L	Na mg/L	SO4 mg/L	TDS mg/L	Temp degrees C	Th-230 pCi/L	U mg/L
MFG-1*	12/11/2008	3.4	0.00069J	244	1890	4330	11.6	<0	0.364
	2/23/2009	2.5	0.0029	241	2040	4380	12.6	<0.2	0.358
	6/16/2009	3.1	0.0085	246	2520	4210	13	<0.1	0.362
	8/19/2009	2.4	0.0138	252	1860	4310	11.9	<0.2	0.352
MFG-2*	12/11/2008	6.1	<0.0003	159	1700	3680	11.8	<0.1	0.0081
	2/23/2009	4.4	<0.00099	171	1920	3690	12.6	<0.2	0.0075
	6/16/2009	2.6	<0.00099	177	1870	3800	12.9	<0.1	0.0075
	8/19/2009	4.3	<0.00099	164	1530	3710	11.9	<0.1	0.0076
MFG-3*	12/11/2008	4.6	<0.0003	135	740	1460	11.4	<0	0.0056
	2/23/2009	3.1	<0.00099	131	776	1490	11.7	<0.2	0.0051
	6/16/2009	3.5	<0.00099	137	953	1550	12.2	<0.2	0.0056
	8/19/2009	3.8	<0.00099	134	824	1550	11.5	<0.2	0.0054
TT-1*	2/17/2009	<1.4	<0.00099	135	315	637	10.4	<0.2	0.0004
	5/27/2009	1.4	<0.00099	130	357	664	12.5	<0.2	0.0004
	8/17/2009	1.3	<0.00099	126	360	683	11.3	<0.1	0.0004
TT-2*	2/17/2009	2.3	<0.00099	103	910	1520	12.5	<0.1	0.0123
	6/17/2009	3.5	<0.00099	113	1140	1560	13.1	<0.2	0.0132
	8/13/2009	1.9	<0.00099	121	1040	1510	12.9	<0.1	0.0127
TT-3*	2/16/2009	<1.4	<0.00099	80.1	728	1220	12.3	<0.1	0.0038
	6/17/2009	<1.1	<0.00099	81.1	815	1280	12.2	<0.1	0.0041
	8/17/2009	<1.2	<0.00099	81.4	752	1280	11.4	<0.2	0.0043
TT-4*	2/17/2009	<1.4	<0.00099	85.9	545	1070	12.5	<0.1	0.0269
	5/27/2009	<1.2	<0.00099	92.1	656	1070	12.6	<0.1	0.0284
	8/18/2009	<1.2	<0.00099	89.3	548	1120	12.1	<0.2	0.029
TT-5*	2/17/2009	<1.4	<0.00099	131	281	684	9.3	<0.2	0.0093
	5/27/2009	<1.2	<0.00099	204	760	1340	9.8	<0.2	0.0246
	8/18/2009	<1.3	<0.00099	160	613	1050	10.1	<0.2	0.0163
TT-6*	2/17/2009	<1.4	<0.00099	274	984	1780	10.2	<0.2	0.0199
	5/27/2009	<1.1	<0.00099	202	612	1180	9.8	<0.2	0.015
	8/17/2009	<1.2	<0.00099	212	729	1340	10.6	<0.1	0.0146
TT-7*	2/17/2009	<1.5	0.0025	106	964	1740	10.7	<0.1	0.0442
	6/18/2009	1.6	0.0016J	124	1160	1910	11.6	<0.1	0.0524
	8/17/2009	<1.1	<0.00099	120	1000	1810	11.3	<0.1	0.0463
TT-8*	2/16/2009	3.3	0.004	194	1760	3620	12	<0.1	0.117
	5/28/2009	2.3	0.0019J	201	1920	3720	12.3	<0.2	0.114
	8/20/2009	2.5	0.0021	192	1810	3620	11.2	<0.2	0.116
Notes:									
-Second and forth quarter									
*Wells sampled for NRC p									