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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
Master Client:	**Patriot Mining Company/Active Permits**																	
Permit:	**WV1017535**																	
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04585	10/04/2010	2.88														
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04144	7/01/2010	2.16														
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03551	4/01/2010															
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02820	1/04/2010															
4																		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04586	10/04/2010			2.888	8.24	8.15	153.00	< 2.00	< 4.00	550	0.119	0.264	0.101	0.047	1016	1257.0
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04145	7/01/2010			2.160	8.19	8.17	132.00	< 2.00	< 4.00	850	0.169	0.920	0.114	0.056	1172	1673.0
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-03552	4/01/2010			11.140	7.80	8.13	93.00	< 2.00	< 4.00	250	0.313	0.432	0.190	0.048	520	796.0
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-02821	1/04/2010			5.570	7.80	7.91	112.00	< 2.00	5.00	400	0.360	0.440	0.137	< 0.040	632	1011.0
4																		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05133	12/03/2010		4.980		7.72	7.59	78.00	< 2.00	11.00		0.824	0.086	0.378	0.045	416	442.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05304	11/15/2010		0.660		7.92	8.44	192.60	< 2.00	5.00		0.683	0.039	0.073	< 0.040	716	1027.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04604	10/04/2010		1.353		8.06	8.23	159.00	< 2.00	9.00		0.139	0.050	0.085	< 0.040	480	719.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04541	9/13/2010		0.102		7.94	8.09	230.00	< 2.00	< 4.00		0.069	0.029	0.049	< 0.040	1204	1559.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04499	8/16/2010		0.500		7.94	8.34	184.00	< 2.00	< 4.00		0.245	0.137	0.047	< 0.040	884	1316.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04165	7/01/2010		2.475		8.18	8.14	150.00	< 2.00	< 4.00		0.115	0.145	0.086	< 0.040	552	866.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03794	5/17/2010		13.650		7.86	7.85	107.00	< 2.00	252.00		7.990	0.843	3.810	0.100	368	393.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03573	4/01/2010		8.912		7.80	8.05	75.00	< 2.00	8.00		0.933	0.115	0.472	0.092	336	400.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03376	3/15/2010		15.596		7.60	7.63	58.00	< 2.00	55.00		3.118	0.177	1.420	0.041	244	345.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03117	2/01/2010		2.674		7.80	7.53	89.00	< 2.00	5.00		1.400	0.158	0.763	0.047	344	547.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-02839	1/04/2010		1.225		7.80	7.77	95.00	< 2.00	4.00		0.567	0.110	0.294	0.045	344	636.0
11																		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04606	10/04/2010			0.422	7.91	7.97	100.00	< 2.00	9.00		0.639	0.134	0.192		460	600.0
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04167	7/01/2010			0.871	7.97	7.69	60.00	< 2.00	< 4.00		0.397	0.245	0.191		368	599.0
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-03575	4/01/2010			2.674	7.00	7.28	22.00	< 2.00	20.00		3.888	0.277	1.756		216	376.0
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-02841	1/04/2010			7.909	7.20	7.30	47.00	< 2.00	10.00		2.698	0.354	1.392		272	431.0
4																		
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04595	10/04/2010	0.06														
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04157	7/01/2010															
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-03565	4/01/2010															
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-02833	1/04/2010															

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
4																		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-05135	12/03/2010			0.165	7.92	8.11	166.00	< 2.00	15.00	750	0.062	0.032	< 0.040	< 0.040	1284	1696.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04902	11/01/2010					8.33	238.00	< 2.00	< 4.00	1250	0.073	0.054	< 0.040	< 0.040	1852	2400.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04597	10/04/2010			0.093	8.04	8.23	213.00	< 2.00	10.00	1250	0.123	0.082	0.051	< 0.040	1936	2270.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04465	9/01/2010			0.125	7.88	8.33	191.00	< 2.00	< 4.00	1500	0.150	0.069	0.066	< 0.040	1864	2480.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04283	8/02/2010			0.218	7.88	8.28	249.00	< 2.00	6.00	1200	0.089	0.074	0.041	< 0.040	1644	2330.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04159	7/01/2010			0.218	7.97	8.12	205.00	< 2.00	7.00	1300	0.148	0.072	0.085	0.058	1756	2280.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03873	6/01/2010			0.205	7.89	8.11	204.00	< 2.00	< 4.00	1200	0.089	0.043	0.042	0.110	1676	2190.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03761	5/04/2010			1.201	7.67	8.22	44.00	< 2.00	5.00	800	0.095	0.006	< 0.040	< 0.040	1208	1659.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03567	4/01/2010			0.167	7.80	8.18	164.00	< 2.00	< 4.00	1050	0.193	0.083	0.076	< 0.040	1572	1971.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03247	3/01/2010			0.167	7.80	7.72	175.00	< 2.00	< 3.00	950	0.073	0.017	< 0.040	< 0.040	1352	1933.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03114	2/01/2010			0.111	7.80	7.72	151.00	< 2.00	< 3.00	1050	0.005	0.004	0.056	0.056	1380	2010.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-02835	1/04/2010			0.067	7.50	8.00	186.00	< 2.00	< 3.00	950	0.055	0.031	< 0.040	< 0.040	1444	1985.0
12																		
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04599	10/04/2010	0.04														
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04161	7/01/2010															
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-03569	4/01/2010															
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-02837	1/04/2010															
4																		
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04579	10/04/2010	1.66														
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04137	7/01/2010															
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03544	4/01/2010															
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02813	1/04/2010			0.557												
4																		
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04582	10/04/2010	0.62														
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04141	7/01/2010															
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03548	4/01/2010															
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02817	1/04/2010															
4																		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04583	10/04/2010			0.623	8.27	7.99	103.00	< 2.00	7.00	300	0.164	0.041	0.159	< 0.040	496	727.0
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04142	7/01/2010			1.802	8.36	8.10	102.00	< 2.00	< 4.00	400	0.045	0.042	0.051	< 0.040	604	959.0
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-03549	4/01/2010			0.557	7.60	7.96	61.00	< 2.00	< 4.00	200	0.198	0.274	0.143	0.041	384	569.0

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
DGR-4 4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-02818	1/04/2010			0.334	7.60	7.69	74.00	< 2.00	5.00	330	0.042	0.686	0.046	< 0.040	504	796.0
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04576	10/04/2010	222.17														
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04134	7/01/2010															
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03540	4/01/2010															
DGR-2 4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02810	1/04/2010		150.000	0.334												
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04588	10/04/2010	5.47														
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04147	7/01/2010															
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03554	4/01/2010															
DSR-6 4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02823	1/04/2010															
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04577	10/04/2010			0.495	8.20	7.97	108.00	< 2.00	< 4.00	290	0.160	0.044	0.142	< 0.040	528	727.0
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04135	7/01/2010			1.802	8.36	8.08	113.00	< 2.00	< 4.00	375	0.061	0.056	0.046	0.045	584	961.0
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03541	4/01/2010			0.557	7.60	8.00	61.00	< 2.00	< 4.00	200	0.171	0.271	0.130	< 0.040	360	568.0
DGR-2 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02811	1/04/2010			0.334	7.60	7.89	107.00	< 2.00	< 3.00	330	0.044	0.705	0.054	< 0.040	532	799.0
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04580	10/04/2010			1.660	8.28	8.06	131.00	< 2.00	7.00	325	0.097	0.146	0.132	0.083	756	992.0
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04138	7/01/2010			1.875	8.38	8.10	129.00	< 2.00	< 4.00	600	0.069	0.034	0.045	< 0.040	860	1314.0
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03545	4/01/2010			1.225	7.60	8.16	92.00	< 2.00	< 4.00	270	0.134	0.197	0.116	0.041	524	769.0
DGR-3 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02815	1/04/2010			0.557	7.80	7.89	132.00	< 2.00	< 3.00	325	0.045	0.124	< 0.040	< 0.040	596	952.0
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-04155	7/01/2010			3.003	8.17	8.02	157.00	< 2.00	< 4.00	300	0.111	0.144	0.065	< 0.040	580	872.0
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-03563	4/01/2010			8.912	7.80	8.00	69.00	< 2.00	11.00	110	1.271	0.117	0.489	0.118	328	402.0
USR-5 3	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-02831	1/04/2010			1.225	7.80	7.73	105.00	< 2.00	< 3.00	150	0.612	0.122	0.316	< 0.040	352	512.0
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04589	10/04/2010			5.478	8.27	8.03	135.00	< 2.00	< 4.00	300	0.095	0.166	0.117	0.083	752	1014.0
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04148	7/01/2010			7.128	8.41	8.06	127.00	< 2.00	< 4.00	600	0.070	0.109	0.064	0.059	916	1336.0
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03555	4/01/2010			15.596	7.80	8.07	97.00	< 2.00	< 4.00	300	0.238	0.869	0.214	0.061	556	852.0
DSR-6 4	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02824	1/04/2010			5.570	7.80	7.90	146.00	< 2.00	5.00	375	0.099	0.354	0.055	0.043	636	994.0

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04593	10/04/2010			5.478	8.26	8.15	129.00	< 2.00	< 4.00	375	0.090	0.164	0.122	0.055	748	1011.0
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04154	7/01/2010			10.208	8.40	8.24	129.00	< 2.00	< 4.00	600	0.048	0.142	0.049	< 0.040	980	1364.0
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03562	4/01/2010			17.824	7.80	8.14	116.00	< 2.00	5.00	375	0.994	1.092	0.259	0.057	640	927.0
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02830	1/04/2010			5.570	7.80	7.87	130.00	< 2.00	< 3.00	400	0.058	0.203	< 0.040	< 0.040	668	977.0
4																		
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-05312	12/22/2010															
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-04603	10/04/2010	607.26														
2																		
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-05311	12/22/2010															
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-04608	10/04/2010	189.58														
2																		
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04988	10/04/2010															
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04742	9/13/2010	No Flow														
2																		

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Hg ug/l	Field Temp Degree C	Hardness mg/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	Zn ug/l
Master Client:	**Patriot Mining Company/Active Permits**																	
Permit:	**WV1017535**																	
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04585	10/04/2010		< 0.005		< 3.36	0.03	< 0.008		< 9.00	< 2.00	< 1.2					
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04144	7/01/2010		0.005		848.00	0.04	0.011				< 1.2					
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03551	4/01/2010		< 0.005		330.60	0.03	< 0.008				< 1.2					
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02820	1/04/2010		< 0.005		508.99	0.04	< 0.008				< 1.2					
4																		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04586	10/04/2010			14												
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04145	7/01/2010			25												
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-03552	4/01/2010			8												
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-02821	1/04/2010			4												
4																		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05133	12/03/2010	7														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05304	11/15/2010	9														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04604	10/04/2010	15														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04541	9/13/2010	25														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04499	8/16/2010	25														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04165	7/01/2010	20														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03794	5/17/2010	16														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03573	4/01/2010	8														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03376	3/15/2010	4														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03117	2/01/2010	4														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-02839	1/04/2010	4														
11																		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04606	10/04/2010	13			460.00										< 0.80	2.41
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04167	7/01/2010	16			252.00										< 0.80	13.35
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-03575	4/01/2010	8			147.00										< 0.80	17.30
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-02841	1/04/2010	4			154.44										2.04	9.00
4																		
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04595	10/04/2010		< 0.005		1346.00	0.03	0.016		12.98	< 2.86	< 1.2					
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04157	7/01/2010		< 0.005		113.00	0.03	0.011				1.3					
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-03565	4/01/2010		< 0.005		701.70	0.02	< 0.008				< 1.2					
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-02833	1/04/2010		< 0.005		1388.29	0.02	0.011				1.3					

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Hg ug/l	Field Temp Degree C	Hardness mg/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	Zn ug/l
4																		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-05135	12/03/2010			8												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04902	11/01/2010															
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04597	10/04/2010			14												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04465	9/01/2010			22												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04283	8/02/2010			22												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04159	7/01/2010			21												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03873	6/01/2010			18												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03761	5/04/2010			15												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03567	4/01/2010			8												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03247	3/01/2010			4												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03114	2/01/2010			4												
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-02835	1/04/2010			4												
12																		
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04599	10/04/2010		< 0.005		1562.00	0.04	< 0.008		< 9.00	< 2.00	< 1.2					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04161	7/01/2010		< 0.005		149.00	0.05	< 0.008				< 1.2					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-03569	4/01/2010		< 0.005		1516.30	0.04	0.016				< 1.2					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-02837	1/04/2010		< 0.005		1023.97	0.04	< 0.008				< 1.2					
4																		
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04579	10/04/2010		< 0.005		526.00	0.04	< 0.008		9.00	2.69	< 1.2					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04137	7/01/2010		0.005		562.00	0.06	< 0.008				< 1.2					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03544	4/01/2010		< 0.005		294.00	0.04	0.013				< 1.2					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02813	1/04/2010		< 0.005		474.42	0.04	< 0.008				< 1.2					
4																		
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04582	10/04/2010		< 0.005		456.00	0.04	< 0.008		< 9.00	< 2.12	< 1.2					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04141	7/01/2010		0.008		420.00	0.04	< 0.008				< 1.2					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03548	4/01/2010		< 0.005		216.00	0.03	< 0.008				< 1.2					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02817	1/04/2010		< 0.005		373.75	0.03	< 0.008				< 1.2					
4																		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04583	10/04/2010			14												
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04142	7/01/2010			26												
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-03549	4/01/2010			8												

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Hg ug/l	Field Temp Degree C	Hardness mg/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	Zn ug/l
DGR-4 4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-02818	1/04/2010			4												
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04576	10/04/2010		< 0.005		294.00	0.03	< 0.008	< 0.001	< 9.00	< 3.97						
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04134	7/01/2010		< 0.005		252.00	0.04	< 0.008	< 0.001								
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03540	4/01/2010		< 0.005		168.00	0.03	< 0.008	0.120								
DGR-2 4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02810	1/04/2010		< 0.005		402.32	0.03	< 0.008	< 0.001								
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04588	10/04/2010		< 0.005		< 3.36	0.04	< 0.008		< 9.00	< 2.00	< 1.2					
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04147	7/01/2010		< 0.005		632.00	0.06	< 0.008				< 1.2					
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03554	4/01/2010		< 0.005		387.80	0.03	0.013				< 1.2					
DSR-6 4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02823	1/04/2010		< 0.005		457.04	0.18	< 0.008				< 1.2					
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04577	10/04/2010			14												
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04135	7/01/2010			26												
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03541	4/01/2010			8												
DGR-2 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02811	1/04/2010			4												
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04580	10/04/2010			14												
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04138	7/01/2010			24												
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03545	4/01/2010			8												
DGR-3 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02815	1/04/2010			4												
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-04155	7/01/2010			20												
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-03563	4/01/2010			8												
USR-5 3	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-02831	1/04/2010			4												
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04589	10/04/2010			14												
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04148	7/01/2010			26												
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03555	4/01/2010			8												
DSR-6 4	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02824	1/04/2010			4												

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Hg ug/l	Field Temp Degree C	Hardness mg/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	Zn ug/l
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04593	10/04/2010			14												
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04154	7/01/2010			26												
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03562	4/01/2010			8												
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02830	1/04/2010			4												
4																		
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-05312	12/22/2010		< 0.005													
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-04603	10/04/2010								< 9.00	4.27	< 1.2	< 8.50	45.74	0.34		
2																		
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-05311	12/22/2010		< 0.005													
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-04608	10/04/2010								< 9.00	< 2.13	< 1.2	< 8.50	36.20	< 0.20		
2																		
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04988	10/04/2010															
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04742	9/13/2010															
2																		

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Outlet Information		Lab No.	Sampled Date	Cu ug/l	Pb ug/l
Master Client:	**Patriot Mining Company/Active Permits**				
Permit:	**WV1017535**				
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04585	10/04/2010		
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04144	7/01/2010	2.75	0.13
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03551	4/01/2010	6.49	0.51
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02820	1/04/2010	6.09	0.67
4					
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04586	10/04/2010		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-04145	7/01/2010		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-03552	4/01/2010		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-02821	1/04/2010		
4					
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05133	12/03/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-05304	11/15/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04604	10/04/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04541	9/13/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04499	8/16/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-04165	7/01/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03794	5/17/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03573	4/01/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03376	3/15/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-03117	2/01/2010		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-02839	1/04/2010		
11					
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04606	10/04/2010		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-04167	7/01/2010		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-03575	4/01/2010		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-02841	1/04/2010		
4					
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04595	10/04/2010		
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-04157	7/01/2010	12.96	0.37
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-03565	4/01/2010	6.04	0.45
UTSR-1	NPDES Upstrm Unnamme, SC:20, FQ:Q, FI:	0000-02833	1/04/2010	13.74	< 0.09

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Outlet Information		Lab No.	Sampled Date	Cu ug/l	Pb ug/l
4					
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-05135	12/03/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04902	11/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04597	10/04/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04465	9/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04283	8/02/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-04159	7/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03873	6/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03761	5/04/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03567	4/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03247	3/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-03114	2/01/2010		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-02835	1/04/2010		
12					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04599	10/04/2010		
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-04161	7/01/2010	8.90	0.36
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-03569	4/01/2010	4.26	0.29
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-02837	1/04/2010	15.83	< 0.09
4					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04579	10/04/2010		
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04137	7/01/2010	1.89	< 0.09
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03544	4/01/2010	4.07	0.35
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02813	1/04/2010	8.61	< 0.09
4					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04582	10/04/2010		
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04141	7/01/2010	2.35	< 0.09
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03548	4/01/2010	2.89	0.39
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02817	1/04/2010	6.26	0.79
4					
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04583	10/04/2010		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-04142	7/01/2010		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-03549	4/01/2010		

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Outlet Information		Lab No.	Sampled Date	Cu ug/l	Pb ug/l
DGR-4 4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-02818	1/04/2010		
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04576	10/04/2010		
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-04134	7/01/2010	3.25	0.52
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-03540	4/01/2010	2.35	0.41
DGR-2 4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-02810	1/04/2010	3.95	< 0.09
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04588	10/04/2010		
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-04147	7/01/2010	2.58	0.69
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-03554	4/01/2010	5.57	0.51
DSR-6 4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-02823	1/04/2010	14.41	0.48
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04577	10/04/2010		
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04135	7/01/2010		
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03541	4/01/2010		
DGR-2 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02811	1/04/2010		
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04580	10/04/2010		
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-04138	7/01/2010		
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-03545	4/01/2010		
DGR-3 4	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-02815	1/04/2010		
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-04155	7/01/2010		
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-03563	4/01/2010		
USR-5 3	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	0000-02831	1/04/2010		
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04589	10/04/2010		
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04148	7/01/2010		
DSR-6	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03555	4/01/2010		
DSR-6 4	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02824	1/04/2010		

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Outlet Information		Lab No.	Sampled Date	Cu ug/l	Pb ug/l													
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04593	10/04/2010															
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-04154	7/01/2010															
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-03562	4/01/2010															
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-02830	1/04/2010															
4																		
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-05312	12/22/2010															
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-04603	10/04/2010															
2																		
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-05311	12/22/2010															
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-04608	10/04/2010															
2																		
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04988	10/04/2010															
UTSR-6	NPDES UTSR-6 , SC:20, FQ:Q, FI:	0000-04742	9/13/2010															
2																		

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
Master Client:	**Patriot Mining Company/Active Permits**																	
Permit:	**WV1017535**																	
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	3000-01277	7/11/2011															
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00688	4/04/2011	1.00														
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00016	1/03/2011	9.86														
3																		
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	3000-01278	7/11/2011				5.25	8.18	158	< 3.00	5.00		0.096	0.254	0.093	0.064	1200	1648.00
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-00689	4/04/2011			30.197	7.90	7.93	76	< 3.00	9.00	525	0.607	1.516	0.363	0.173	648	942.00
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-00017	1/03/2011			9.860	8.22	8.23	100.00	< 2.00	< 4.00	250	0.268	0.467	0.158	0.048	576	783.0
3																		
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01607	9/01/2011		3.690		8.20											
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01530	8/15/2011		6.574		7.56	8.09	146	< 3.00	6.00		1.560	0.205	0.062	0.035	492	758.00
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01275	7/11/2011		7.920		7.65	7.56	153	< 3.00	8.00		3.090	0.380	0.096	0.083	568	929.00
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01235	6/15/2011		0.221		7.37	8.08	119	< 3.00	< 2.00		4.453	0.658	0.065		728	1094.00
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01237	5/31/2011		0.724		7.36	7.54	123	< 3.00	14.00		3.170	0.503	0.135		628	963.00
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00706	4/04/2011		16.534		7.60	7.83	87	< 3.00	< 2.00		1.033	0.149	0.366	0.055	324	453.00
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00372	2/16/2011		6.480		7.56	7.81	86.00	< 2.00	6.00		0.713	0.115	0.387	0.102	384	514.0
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00033	1/03/2011		8.460		8.11	8.06	90.00	< 2.00	10.00		0.227	0.067	0.175	0.063	344	405.0
8																		
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	3000-01287	7/11/2011			1.238	7.85	7.79	72	< 3.00	5.00		0.380	0.164	0.215		372	600.00
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-00708	4/04/2011			6.240	7.45	7.36	33	< 3.00	19.00		2.436	0.247	1.160		192	320.00
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-00036	1/03/2011			114.840	7.88	7.66	45.00	< 2.00	< 4.00		0.855	0.204	0.473		264	353.0
3																		
UTSR-1	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	3000-01291	7/11/2011															
UTSR-1	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	0000-00699	4/04/2011	1.00														
UTSR-1	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	0000-00028	1/03/2011	0.30														
3																		
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01609	9/01/2011															
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01485	8/01/2011			1.250	8.00	8.47	188	< 3.00	5.00	1,500	0.101	0.059	0.059	0.010	2020	2510.00
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01294	7/11/2011			8.217	7.98	8.14	232	< 3.00	15.00		0.174	0.065	0.093	0.027	1792	2440.00
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-01071	6/01/2011			1.412	7.91	7.97	234	< 3.00	14.00		0.216	0.046	0.085	0.009	1620	2500.00
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00878	5/02/2011					8.00	194	< 3.00	4.00	1,600	0.068	0.043	0.069	0.035	1948	2400.00

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00702	4/04/2011			1.436	7.90	8.13	209	< 3.00	4.00	1,450	0.134	0.023	0.085	0.039	1784	2350.00
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00479	3/03/2011	1.00				7.85	189	< 3.00	< 4.00	1,150	0.061	0.011	0.020	0.022	1516	2000.00
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00294	2/01/2011			0.330	8.13	7.95	220.00	< 2.00	< 4.00	1250	0.043	0.022	< 0.040	< 0.040	1796	2310.0
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00029	1/03/2011			0.290	8.17	8.37	200.00	< 2.00	< 4.00	1050	0.031	0.024	< 0.040	< 0.040	1684	2160.0
9																		
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	3000-01295	7/11/2011															
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-00704	4/04/2011	1.00														
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-00031	1/03/2011	0.21														
3																		
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01268	7/11/2011	6.17														
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00681	4/04/2011	1.00														
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00010	1/03/2011	3.00														
3																		
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01271	7/11/2011															
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00685	4/04/2011	1.00														
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00013	1/03/2011	2.81														
3																		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	3000-01272	7/11/2011			5.461	8.29	8.15	104	< 3.00	4.00		0.073	0.057	0.042	0.025	728	1057.00
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-00686	4/04/2011			8.235	7.80	7.85	73	< 3.00	< 2.00	290	0.179	0.283	0.092	0.023	492	665.00
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-00014	1/03/2011			2.813	8.18	7.93	72.00	< 2.00	< 4.00	150	0.228	0.280	0.139	< 0.040	456	538.0
3																		
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01265	7/11/2011															
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00678	4/04/2011	1.00														
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00007	1/03/2011	1262.33														
3																		
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	3000-01280	7/11/2011															
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00691	4/04/2011	1.00														
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00019	1/03/2011	20.04														
3																		
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	3000-01266	7/11/2011			1.361	8.29	8.09	104	< 3.00	6.00		0.059	0.051	0.037	0.020	728	1061.00
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00679	4/04/2011			8.235	7.80	7.87	78	< 3.00	< 2.00	290	0.182	0.284	0.099	0.021	448	666.00

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Outlet Information		Lab No.	Sampled Date	GPM GPM	GPM GPM	CFS CFS	pH, Field Std. Unit	pH, Lab Std. Unit	Alkalinity mg/l	Total Acidity mg/l	TSS mg/l	SO4 mg/l	Fe mg/l	Mn mg/l	Al mg/l	Al, Diss. mg/l	TDS mg/l	Conductivity UMHO/CM
DGR-2 3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00008	1/03/2011			2.813	8.18	8.03	75.00	< 2.00	< 4.00	170	0.219	0.269	0.133	< 0.040	436	537.0
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	3000-01269	7/11/2011			6.178	8.26	8.10	151	< 3.00	< 2.00		0.085	0.030	0.072	0.043	876	1242.00
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00682	4/04/2011			4.455	8.00	8.00	93	< 3.00	< 2.00	325	0.086	0.266	0.101	0.047	584	886.00
DGR-3 3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00011	1/03/2011			3.000	8.34	8.26	111.00	< 2.00	< 4.00	230	0.190	0.111	0.139	0.114	544	733.0
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	3000-01290	7/11/2011			9.187	7.65	7.63	141	< 3.00	9.00		2.630	0.376	0.092	0.062	600	928.00
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	3000-01286	7/11/2011			10.890	8.22	8.18	146	< 3.00	< 2.00		0.063	0.044	0.076	0.044	840	1254.00
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-00698	4/04/2011			4.150	7.90	8.02	112	3.00	7.00	500	0.759	0.944	0.249	0.101	664	965.00
SS-5C (TMP) 3	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-00025	1/03/2011			19.940	8.20	8.31	105.00	< 2.00	< 4.00	240	0.222	0.194	0.166	0.046	556	753.0
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	3000-01435	7/14/2011															
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	3000-01274	7/11/2011															
DSR 3	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-00035	1/03/2011	3797.11														
USR	NPDES USR , SC:20, FQ:Q, FI:	3000-01436	7/14/2011															
USR	NPDES USR , SC:20, FQ:Q, FI:	3000-01289	7/11/2011															
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-00709	4/04/2011	1.00														
USR 4	NPDES USR , SC:20, FQ:Q, FI:	0000-00038	1/03/2011	51543.75														

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Field Temp Degree C	Hg ug/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	Hardness, Calc. mg/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	
Master Client:	**Patriot Mining Company/Active Permits**																	
Permit:	**WV1017535**																	
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	3000-01277	7/11/2011			< 0.005	0.077	< 0.01		< 0.19	< 2.00	1974.71	< 0.46					
DSR-4	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00688	4/04/2011			< 0.005	0.032	2.02		< 0.19	2.02		< 0.46					
DSR-4 3	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00016	1/03/2011			< 0.005	0.03	< 0.008		< 0.09	7.18		< 1.2					
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	3000-01278	7/11/2011		26													
DSR-4	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-00689	4/04/2011		8													
DSR-4 3	Art. #3 Downstream , SC:30, FQ:Q, FI:	0000-00017	1/03/2011		1													
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01607	9/01/2011	19														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01530	8/15/2011	18														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01275	7/11/2011	26														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01235	6/15/2011	13														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	3000-01237	5/31/2011	17														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00706	4/04/2011	11														
NH-3 (DSR)	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00372	2/16/2011	6														
NH-3 (DSR) 8	Art.#3 Surface Water, SC:30, FQ:M, FI:NH-3	0000-00033	1/03/2011	3														
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	3000-01287	7/11/2011	25								292.23					< 0.28	
NH-4 (USR)	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-00708	4/04/2011	10													< 0.28	
NH-4 (USR) 3	Art.#3 Surface Water, SC:30, FQ:Q, FI:NH-4	0000-00036	1/03/2011	3													< 0.80	
UTSR-1	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	3000-01291	7/11/2011			< 0.005	0.163	0.02		< 0.19	< 2.00	1486.73	< 0.46					
UTSR-1	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	0000-00699	4/04/2011			< 0.005	0.022	< 0.01		< 0.19	4.47		0.59					
UTSR-1 3	NPDES Upstrm Unnamed, SC:20, FQ:Q, FI:	0000-00028	1/03/2011			< 0.005	0.04	< 0.008		< 0.09	< 2.00		< 1.2					
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01609	9/01/2011															
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01485	8/01/2011		20													
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	3000-01294	7/11/2011		19													
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-01071	6/01/2011		16													
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00878	5/02/2011															

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Field Temp Degree C	Hg ug/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	Hardness, Calc. mg/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00702	4/04/2011		10													
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00479	3/03/2011															
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00294	2/01/2011		2													
UTSR-2	Art. #3 Unnamed Trib, SC:30, FQ:Q, FI:	0000-00029	1/03/2011		6													
9																		
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	3000-01295	7/11/2011			< 0.005	0.134	< 0.01		< 0.19	< 2.00	1877.67	< 0.46					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-00704	4/04/2011			< 0.005	0.038	0.01		< 0.19	< 2.00		< 0.46					
UTSR-A	NPDES Upstm Unnamed , SC:20, FQ:Q, FI:	0000-00031	1/03/2011			< 0.005	< 0.02	< 0.008		< 0.09	< 2.00		< 1.2					
3																		
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01268	7/11/2011			< 0.005	0.045	< 0.01		< 0.19	< 2.00	712.72	7.73					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00681	4/04/2011			< 0.005	0.037	2.00		< 0.19	< 2.00		< 0.46					
DGR-3	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00010	1/03/2011			< 0.005	0.03	< 0.008		< 0.09	4.05		< 1.2					
3																		
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01271	7/11/2011			< 0.005	0.043	< 0.01		< 0.19	3.00	541.57	< 0.46					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00685	4/04/2011			< 0.005	0.034	< 0.01		< 0.19	< 2.00		< 0.46					
DGR-4	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00013	1/03/2011			< 0.005	0.03	< 0.008		< 0.09	4.80		< 1.2					
3																		
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	3000-01272	7/11/2011		26													
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-00686	4/04/2011		9													
DGR-4	NPDES Dwnstm Guston , SC:30, FQ:Q, FI:	0000-00014	1/03/2011		2													
3																		
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	3000-01265	7/11/2011			< 0.005	0.043	< 0.01	< 0.0005	< 0.19	< 2.00	505.49						
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00678	4/04/2011			< 0.005	0.032	< 0.01	< 0.0005	< 0.19	< 2.00							
DGR-2	NPDES Dwnstm Guston , SC:20, FQ:Q, FI:	0000-00007	1/03/2011			< 0.005	0.03	< 0.008	0.001	0.20	3.96							
3																		
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	3000-01280	7/11/2011			< 0.005	0.049	< 0.01		< 0.19	< 2.00	656.52	< 0.46					
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00691	4/04/2011			< 0.005	0.039	< 0.01		< 0.19	< 2.00		< 0.46					
DSR-6	NPDES Dwnstm Scotts , SC:20, FQ:Q, FI:	0000-00019	1/03/2011			< 0.005	0.03	< 0.008		< 0.09	8.21		< 1.2					
3																		
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	3000-01266	7/11/2011		26													
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00679	4/04/2011		9													

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Outlet Information		Lab No.	Sampled Date	Field Temp. Degree C	Field Temp Degree C	Hg ug/l	Ba mg/l	Ni mg/l	As mg/l	Pb ug/l	Cu ug/l	Hardness, Calc. mg/l	As ug/l	Ni ug/l	Ba ug/l	Cd ug/l	Se ug/l	
DGR-2	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00008	1/03/2011		2													
3																		
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	3000-01269	7/11/2011		25													
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00682	4/04/2011		8													
DGR-3	Art. 3 Dwnstm Guston, SC:30, FQ:Q, FI:	0000-00011	1/03/2011		2													
3																		
USR-5	NPDES Upstm Scotts R, SC:30, FQ:Q, FI:	3000-01290	7/11/2011		26													
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	3000-01286	7/11/2011		26													
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-00698	4/04/2011		8													
SS-5C (TMP)	Art. 3 Dwnstm Scotts, SC:30, FQ:Q, FI:	0000-00025	1/03/2011		2													
3																		
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	3000-01435	7/14/2011			< 0.005												
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	3000-01274	7/11/2011							< 0.19	< 2.00		< 0.46	2	58	< 0.01		
DSR	NPDES DSR (NH-3) , SC:20, FQ:Q, FI:	0000-00035	1/03/2011							< 0.09	2.13		< 1.2	< 8.50	< 19.00	< 0.20		
3																		
USR	NPDES USR , SC:20, FQ:Q, FI:	3000-01436	7/14/2011			0.005												
USR	NPDES USR , SC:20, FQ:Q, FI:	3000-01289	7/11/2011							< 0.19	< 2.00		< 0.46	6	67	0.04		
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-00709	4/04/2011			< 0.005				< 0.19	3.03		< 0.46	5	< 2	0.04		
USR	NPDES USR , SC:20, FQ:Q, FI:	0000-00038	1/03/2011			< 0.005				< 0.09	3.44		< 1.2	< 8.50	< 19.00	< 0.20		
4																		