

Rock Creek Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Conductivity	pH	Chloride	Sulfate	Fluoride	Bromide	Sulfide (.1mg/L)	Alkalinity	Ammonia	Cyanide (.005mg/L) Total WAD	Nitrate/ Nitrite (-1- 2mg/L)	TDS	TSS	Calculated Hardness	Aluminum		Antimony		Arsenic		Barium		Beryllium			
		(1umhos/cm)	(.1units)	(.1mg/L)	(.1mg/L)	(.1mg/L)	(.1mg/L)		(20mg/L)	(.1mg/L)			(50mg/L)	(.4mg/L)		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss
		umhos/cm	pH units	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L			mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW03-01																											
	1/30/2004	320	7.55	2.48	55.2	0.102	0.05	0.05	140	0.05	0.0025	0.0025	0.5	231	28.1	195.91	944	10	5.27	3.94	211	146	39	16	0.216	0.2	
	4/22/2004	360	7.7	2.48	49.8	0.077	0.05	0.05	144	0.05	0.0025	0.0025	0.5	229	19.1	197.18	10	84.1	3.52	4.26	162	187	18.2	20	0.2	0.2	
	7/29/2004	360	7.61	2.75	25.8	0.069	0.05	0.05	139	0.058	0.0025	0.0025	0.5	228	4.6	192.35	25	10	3.4	3.54	148	150	16.8	17.3	0.2	0.2	
	11/4/2004	370	7.65	2.69	53.7	0.05	0.05	0.05	138	0.05	0.0025	0.0025	0.5	215	13.2	187.43	62.4	10	4.39	3.45	175	169	20	17.5	0.2	0.2	
	1/18/2005	360	7.66	2.7	53.7	0.05	0.05	0.05	146	0.05	0.0025	0.0025	0.5	234	14	195.89	713	10	5.16	4.86	185	132	35.9	16.2	0.132	0.2	
	4/19/2005	340	7.6	2.6	53.1	0.063	0.05	0.05	143	0.05	0.0025	0.0025	0.5	219	3.7	176.98	576	10	8.25	5.61	190	123	33.1	16.6	0.2	0.2	
	11/9/2005			2.45	51.1	0.08	0.05	0.05	140	0.05	0.0025	0.0025	0.0495	211	10.8	198.41	10	10	4.76	4.52	135	147	16.4	18.8	0.2	0.2	
	Mean	351.67	7.63	2.59	48.91	0.07	0.05	0.05	141.43	0.05	0.00	0.00	0.44	223.86	13.36	192.02	334.34	20.59	4.96	4.31	172.29	150.57	25.63	17.49	0.19	0.20	
	St. Deviation	18.35	0.05	0.12	10.35	0.02	#DIV/0!	0.00	2.94	0.00	0.00	0.00	0.17	8.80	8.44	7.58	398.64	28.01	1.62	0.76	26.04	21.62	9.92	1.46	0.03	0.00	
	# of values	6	6	7	7	7	1	7	7	7	7	7	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	
	Minimum	320	7.55	2.45	25.8	0.05	0.05	0.05	138	0.05	0.0025	0.0025	0.0495	211	3.7	176.98	10	10	3.4	3.45	135	123	16.4	16	0.132	0.2	
	Maximum	370	7.7	2.75	55.2	0.102	0.05	0.05	146	0.058	0.0025	0.0025	0.5	234	28.1	198.41	944	84.1	8.25	5.61	211	187	39	20	0.216	0.2	
	Lowest fifth percentile	325.00	7.56	2.46	33.00	0.05	0.05	0.05	138.30	0.05	0.00	0.00	0.18	212.20	3.97	180.11	10.00	10.00	3.44	3.48	138.90	125.70	16.52	16.06	0.15	0.20	
	# of values undetected	0	0	0	0	2	1	7	0	6	7	7	6	0	0	0.00	2	6	0	0	0	0	0	0	5	7	
	# of values between MDL and PQL	0	0	0	0	4	0	0	0	1	0	0	1	0	0	0.00	0	0	0	0	0	0	0	0	2	0	
	Chronic Aquatic Life Criteria				230				>20	NA		0.0052					87					150					
	Drinking Water Standards		>6.5 and <8.5		250		4			NA		0.2		10		500				6		10		2000		4	
MW03-02																											
	1/29/2004	900	6.9	2.8	244	0.132	0.05	0.05	274	0.05	0.0025	0.0025	0.5	614	235	517.49	2550	10	12	11.1	1450	1110	42.9	16.3	0.267	0.2	
	4/22/2004	900	7.1	2.89	219	0.098	0.05	0.05	292	0.05	0.0025	0.0025	0.5	616	57	520.13	165	10	10.3	12.1	1380	1180	18.1	17	0.2	0.2	
	7/15/2004	800	6.9	2.85	247	0.139	0.05	0.05	266	0.05	0.0025	0.0025	3.62	650	82.7	498.11	460	10	19.4	13.7	1560	1300	23.3	15.6	0.2	0.2	
	10/14/2004	900	7.05	3.13	205	0.051	0.05	0.05	290	0.086	0.0036	0.0026	0.5	650	9.6	483.92	46.6	10	14.6	15.3	1290	1250	18.2	18.1	0.2	0.2	
	1/18/2005	900	6.89	2.94	319	0.042	0.05	0.05	258	0.05	0.0025	0.0025	0.5	592	27.7	519.00	19.3	10	20.2	11.8	1820	738	13.2	11	0.2	0.2	
	4/19/2005	800	6.9	2.85	218	0.08	0.05	0.05	296	0.122	0.0025	0.0025	0.5	600	24.5	460.06	640	10	36	16.1	2440	1110	28	15.5	0.2	0.2	
	11/2/2005			2.82	323	0.127	0.05	0.05	302	0.05	0.0025	0.0025	0.0585	597	1.3	522.28	6.6	10	10.6	11.8	1050	1120	14.1	16.7	0.2	0.2	
	Mean	866.67	6.96	2.90	253.57	0.10	0.05	0.05	282.57	0.07	0.00	0.00	0.88	617.00	62.54	503.00	555.36	10.00	17.59	13.13	1570.00	1115.43	22.54	15.74	0.21	0.20	
	St. Deviation	51.64	0.09	0.11	48.40	0.04	#DIV/0!	0.00	16.60	0.03	0.00	0.00	1.22	24.16	81.03	23.68	912.37	0.00	9.05	1.94	450.70	182.06	10.34	2.27	0.03	0.00	
	# of values	6	6	7	7	7	1	7	7	7	7	7	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	
	Minimum	800	6.89	2.8	205	0.042	0.05	0.05	258	0.05	0.0025	0.0025	0.0585	592	1.3	460.06	6.6	10	10.3	11.1	1050	738	13.2	11	0.2	0.2	
	Maximum	900	7.1	3.13	323	0.139	0.05	0.05	302	0.122	0.0036	0.0026	3.62	650	235	522.28	2550	10	36	16.1	2440	1300	42.9	18.1	0.267	0.2	
	Lowest fifth percentile	800.00	6.89	2.81	208.90	0.04	0.05	0.05	260.40	0.05	0.00	0.00	0.19	593.50	3.79	467.22	10.41	10.00	10.39	11.31	1122.00	849.60	13.47	12.35	0.20	0.20	
	# of values undetected	0	0	0	0	0	1	7	0	5	6	6	5	0	0	0.00	0	7	0	0	0	0	0	0	6	7	
	# of values between MDL and PQL	0	0	0	0	4	0	0	0	1	1	1	1	0	0	0.00	2	0	0	0	0	0	0	0	1	0	
	Chronic Aquatic Life Criteria				230				>20	NA		0.0052					87					150					
	Drinking Water Standards		>6.5 and <8.5		250		4			NA		0.2		10		500				6		10		2000		4	
MW03-03																											
	1/30/2004	320	7.66	2.21	27.9	0.059	0.05	0.05	174	0.05	0.0025	0.0028	0.5	223	1.7	200.31	10	10	0.5	0.5	46.4	46.8	3.03	3.04	0.2	0.2	
	4/21/2004	380	7.7	2.21	26.7	0.038	0.05	0.05	178	0.05	0.0025	0.0025	0.5	223	2.8	199.50	10	21.8	0.5	0.5	51.6	48.8	3.37	4.3	0.2	0.19	
	7/28/2004	340	7.43	2.32	27.1	0.065	0.05	0.05	165	0.05	0.0025	0.0025	0.5	219	3	195.02	14.5	10	0.5	0.5	43.4	45	3.09	3.13	0.2	0.2	
	10/28/2004	340	7.54	2.5	28.2	0.05	0.05	0.05	166	0.05	0.0025	0.003	1.36	185	1.2	195.27	10	10	0.5	0.5	46.3	47.2	3.46	3.67	0.2	0.2	
	4/18/2005	320	7.6	2.25	26.3	0.033	0.05	0.05	168	0.05	0.0025	0.0025	0.5	200	1	194.45	10	10	0.5	0.5	40.1	37.8	3.09	3.19	0.2	0.2	
	11/2/2005			2.09	26.2	0.072	0.05	0.05	174	0.05	0.0025	0.0025	0.034	205	0.4	202.18	10	10	0.5	0.5	35.8	37.7	3.04	3.07	0.2	0.2	
	Mean	340.00	7.59	2.26	27.07	0.05	0.05	0.05	170.83	0.05	0.00	0.00	0.57	209.17	1.68	197.79	10.75	11.97	0.50	0.50	43.93	43.88	3.18	3.40	0.20	0.20	
	St. Deviation	24.49	0.11	0.14	0.83	0.02	#DIV/0!	0.00	5.23	0.00	0.00	0.00	0.43	15.26	1.03	3.28	1.84	4.82	0.00	0.00	5.51	4.90	0.19	0.50	0.00	0.00	
	# of values	5	5	6	6	6	1	6	6	6	6	6	6	6	6	6.00	6	6	6	6	6	6	6	6	6	6	
	Minimum	320	7.43	2.09	26.2	0.033	0.05	0.05	165	0.05	0.0025	0.0025	0.034	185	0.4	194.45	10	10	0.5	0.5	35.8	37.7	3.03	3.04	0.2	0.19	
	Maximum	380	7.7	2.5	28.2	0.072	0.05	0.05	178	0.05	0.0025	0.003	1.36	223	3	202.18	14.5	21.8	0.5	0.5	51.6	48.8	3.46	4.3	0.2	0.2	
	Lowest fifth percentile	320.00	7.45	2.12																							

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Conductivity	Chloride	Sulfate	Fluoride	Bromide	Sulfide (.1mg/L)	Alkalinity	Ammonia	Nitrate/ Nitrite (-1-2mg/L)	TDS	TSS	Calculated Hardness	Aluminum		Antimony		Arsenic		Barium		Beryllium					
		(1umhos/cm)	(.1mg/L)	(.1mg/L)	(.1mg/L)	(.1mg/L)		(.1mg/L)	(20mg/L)		(.1mg/L)	(.005mg/L)		(50mg/L)	(.4mg/L)	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss
		umhos/cm	pH (.1units)	mg/L	mg/L	mg/L		mg/L	mg/L		mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
HMW-1A																											
	10/27/2005			2.71	103	0.136		0.05	319	0.072	0.0025	0.0025	0.05	440	3.8	446.80	10	10	0.5	0.5	2.5	2.5	20.4	19.5	0.2	0.2	
	11/30/2005			2.88	102	0.079		0.05	315	0.0361	0.0025	0.0025	0.05	436	4.1	439.44	10	13.2	0.5	0.5	2.92	2.5	20.5	20.6	0.2	0.2	
Mean		#DIV/0!	#DIV/0!	2.80	102.50	0.11	#DIV/0!	0.05	317.00	0.05	0.00	0.00	0.05	438.00	3.95	443.12	10.00	11.60	0.50	0.50	2.71	2.50	20.45	20.05	0.20	0.20	
St. Deviation		#DIV/0!	#DIV/0!	0.12	0.71	0.04	#DIV/0!	0.00	2.83	0.03	0.00	0.00	0.00	2.83	0.21	5.20	0.00	2.26	0.00	0.00	0.30	0.00	0.07	0.78	0.00	0.00	
# of values		0	0	2	2	2	0	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	
Minimum		0	0	2.71	102	0.079	0	0.05	315	0.0361	0.0025	0.0025	0.05	436	3.8	439.44	10	10	0.5	0.5	2.5	2.5	20.4	19.5	0.2	0.2	
Maximum		0	0	2.88	103	0.136	0	0.05	319	0.072	0.0025	0.0025	0.05	440	4.1	446.80	10	13.2	0.5	0.5	2.92	2.5	20.5	20.6	0.2	0.2	
Lowest fifth percentile		#NUM!	#NUM!	2.72	102.05	0.08	#NUM!	0.05	315.20	0.04	0.00	0.00	0.05	436.20	3.82	439.80	10.00	10.16	0.50	0.50	2.52	2.50	20.41	19.56	0.20	0.20	
# of values undetected		0	0	0	0	0	0	2	0	0	2	2	2	0	0	0.00	2	1	2	2	1	2	0	0	2	2	
# of values between MDL and PQL		0	0	0	0	2	0	0	0	2	0	0	0	0	0	0.00	0	1	0	0	1	0	0	0	0	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052				87					150						
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4		
HMW-3A																											
	11/27/2005			2.78	58	0.076		0.05	298	0.139	0.0025	0.0025	0.0545	340	0.8	364.54	6.79	34.3	1.34	1.17	2.5	2.38	37.1	37.5	0.2	0.2	
Mean		#DIV/0!	#DIV/0!	2.78	58.00	0.08	#DIV/0!	0.05	298.00	0.14	0.00	0.00	0.05	340.00	0.80	364.54	6.79	34.30	1.34	1.17	2.50	2.38	37.10	37.50	0.20	0.20	
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
# of values		0	0	1	1	1	0	1	1	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	1	1	1	
Minimum		0	0	2.78	58	0.076	0	0.05	298	0.139	0.0025	0.0025	0.0545	340	0.8	364.54	6.79	34.3	1.34	1.17	2.5	2.38	37.1	37.5	0.2	0.2	
Maximum		0	0	2.78	58	0.076	0	0.05	298	0.139	0.0025	0.0025	0.0545	340	0.8	364.54	6.79	34.3	1.34	1.17	2.5	2.38	37.1	37.5	0.2	0.2	
Lowest fifth percentile		#NUM!	#NUM!	2.78	58.00	0.08	#NUM!	0.05	298.00	0.14	0.00	0.00	0.05	340.00	0.80	364.54	6.79	34.30	1.34	1.17	2.50	2.38	37.10	37.50	0.20	0.20	
# of values undetected		0	0	0	0	0	0	1	0	0	1	1	0	0	0	0.00	0	0	0	0	1	0	0	0	1	1	
# of values between MDL and PQL		0	0	0	0	1	0	0	0	0	0	0	1	0	0	0.00	1	0	0	0	0	1	0	0	0	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052				87					150						
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4		
HMW-3B																											
	3/9/2005	600	7.26	2.91	59.5	0.068		0.05	287	0.05	0.004	0.003	0.27	346	16	369.36	328	10	0.5	0.5	2.5	2.5	29.6	24.6	0.2	0.2	
	4/21/2005	650	7.3	2.96	58.5	0.042		0.05	312	0.044	0.0025	0.0025	0.5	351	222	338.30	4670	10	1.13	0.5	4.78	2.5	64.3	25.5	0.209	0.2	
	11/30/2005			2.76	56.5	0.07		0.05	292	0.0699	0.0025	0.0025	0.05	348	1.6	369.42	9.08	13.3	0.5	0.5	2.18	2.5	24.5	26	0.179	0.2	
Mean		625.00	7.28	2.88	58.17	0.06	#DIV/0!	0.05	297.00	0.05	0.00	0.00	0.27	348.33	79.87	359.03	1669.03	11.10	0.71	0.50	3.15	2.50	39.47	25.37	0.20	0.20	
St. Deviation		35.36	0.03	0.10	1.53	0.02	#DIV/0!	0.00	13.23	0.01	0.00	0.00	0.23	2.52	123.30	17.95	2603.81	1.91	0.36	0.00	1.42	0.00	21.66	0.71	0.02	0.00	
# of values		2	2	3	3	3	0	3	3	3	3	3	3	3	3	3.00	3	3	3	3	3	3	3	3	3	3	
Minimum		600	7.26	2.76	56.5	0.042	0	0.05	287	0.044	0.0025	0.0025	0.05	346	1.6	338.30	9.08	10	0.5	0.5	2.18	2.5	24.5	24.6	0.179	0.2	
Maximum		650	7.3	2.96	59.5	0.07	0	0.05	312	0.0699	0.004	0.003	0.5	351	222	369.42	4670	13.3	1.13	0.5	4.78	2.5	64.3	26	0.209	0.2	
Lowest fifth percentile		602.50	7.26	2.78	56.70	0.04	#NUM!	0.05	287.50	0.04	0.00	0.00	0.07	346.20	3.04	341.41	40.97	10.00	0.50	0.50	2.21	2.50	25.01	24.69	0.18	0.20	
# of values undetected		0	0	0	0	0	0	3	0	1	2	2	2	0	0	0.00	0	2	2	3	1	3	0	0	1	3	
# of values between MDL and PQL		0	0	0	0	3	0	0	0	2	1	1	0	0	0	0.00	1	1	0	0	2	0	0	0	2	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052				87					150						
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4		
HMW-4A																											
	11/30/2005			2.69	56.5	0.093		0.05	156	0.0411	0.0025	0.0025	0.05	231	1	223.99	10	9.28	0.732	0.809	3.5	1.73	17.8	19.7	0.137	0.2	
Mean		#DIV/0!	#DIV/0!	2.69	56.50	0.09	#DIV/0!	0.05	156.00	0.04	0.00	0.00	0.05	231.00	1.00	223.99	10.00	9.28	0.73	0.81	3.50	1.73	17.80	19.70	0.14	0.20	
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
# of values		0	0	1	1	1	0	1	1	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	1	1	1	
Minimum		0	0	2.69	56.5	0.093	0	0.05	156	0.0411	0.0025	0.0025	0.05	231	1	223.99	10	9.28	0.732	0.809	3.5	1.73	17.8	19.7	0.137	0.2	
Maximum		0	0	2.69	56.5	0.093	0	0.05	156	0.0411	0.0025	0.0025	0.05	231	1	223.99	10	9.28	0.732	0.809	3.5	1.73	17.8	19.7	0.137	0.2	
Lowest fifth percentile		#NUM!	#NUM!	2.69	56.50	0.09	#NUM!	0.05	156.00	0.04	0.00	0.00	0.05	231.00	1.00	223.99	10.00	9.28	0.73	0.81	3.50	1.73	17.80	19.70	0.14	0.20	
# of values undetected		0	0	0	0	0	0	1	0	0	1	1	1	0	0	0.00	1	0	0	0	0	0	0	0	0	1	
# of values between MDL and PQL		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0.00	0	1	1	1	1	1	0	0	1	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052				87					150						
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4		

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW	Tin (5ug/L)		Titanium (5ug/L)	
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Silver Standard in ug/L	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in ug/L	Total	Diss	Total	Diss
HMW-1A																									
	10/27/2005	641	558	2.5	2.5	2560	2550	0.5	0.5	37.44	2250	2190	0.33	0.326	0.5	0.5	10	10	1.71	1.8	379.30	0.5	0.5	98.9	98.7
	11/30/2005	617	566	2.5	2.5	2380	2690	0.5	0.5	37.44	2330	1980	0.33	0.326	0.5	0.5	7.98	10	2.44	5.75	379.30	0.5	0.5	63.9	71.7
Mean		629.00	562.00	2.50	2.50	2470.00	2620.00	0.50	0.50	37.44	2290.00	2085.00	0.33	0.33	0.50	0.50	8.99	10.00	2.08	3.78	379.30	0.50	0.50	81.40	85.20
St. Deviation		16.97	5.66	0.00	0.00	127.28	98.99	0.00	0.00	0.00	56.57	148.49	0.00	0.00	0.00	0.00	1.43	0.00	0.52	2.79	0.00	0.00	0.00	24.75	19.09
# of values		2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	2.00	2	2	2	2
Minimum		617	558	2.5	2.5	2380	2550	0.5	0.5	37.44	2250	1980	0.33	0.326	0.5	0.5	7.98	10	1.71	1.8	379.30	0.5	0.5	63.9	71.7
Maximum		641	566	2.5	2.5	2560	2690	0.5	0.5	37.44	2330	2190	0.33	0.326	0.5	0.5	10	10	2.44	5.75	379.30	0.5	0.5	98.9	98.7
Lowest fifth percentile		618.20	558.40	2.50	2.50	2389.00	2557.00	0.50	0.50	37.44	2254.00	1990.50	0.33	0.33	0.50	0.50	8.08	10.00	1.75	2.00	379.30	0.50	0.50	65.65	73.05
# of values undetected		0	0	2	2	0	0	2	2	0.00	0	0	0	0	2	2	1	2	0	0	0.00	2	2	0	0
# of values between MDL and PQL		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	1	0	2	1	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			44.05	37.442										387.83	379.3					
Drinking Water Standards				50				100			250000				2				5000						
HMW-3A																									
	11/27/2005	1510	1560	2.5	2.5	4310	4650	0.5	0.5	31.92	2640	2520	0.491	0.507	0.5	0.5	10	10	5.43	2.14	350.60	0.5	0.5	33.8	70.1
Mean		1510.00	1560.00	2.50	2.50	4310.00	4650.00	0.50	0.50	31.92	2640.00	2520.00	0.49	0.51	0.50	0.50	10.00	10.00	5.43	2.14	350.60	0.50	0.50	33.80	70.10
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
# of values		1	1	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	1	1	1	1.00	1	1	1	1
Minimum		1510	1560	2.5	2.5	4310	4650	0.5	0.5	31.92	2640	2520	0.491	0.507	0.5	0.5	10	10	5.43	2.14	350.60	0.5	0.5	33.8	70.1
Maximum		1510	1560	2.5	2.5	4310	4650	0.5	0.5	31.92	2640	2520	0.491	0.507	0.5	0.5	10	10	5.43	2.14	350.60	0.5	0.5	33.8	70.1
Lowest fifth percentile		1510.00	1560.00	2.50	2.50	4310.00	4650.00	0.50	0.50	31.92	2640.00	2520.00	0.49	0.51	0.50	0.50	10.00	10.00	5.43	2.14	350.60	0.50	0.50	33.80	70.10
# of values undetected		0	0	1	1	0	0	1	1	0.00	0	0	0	0	1	1	1	1	0	0	0.00	1	1	0	0
# of values between MDL and PQL		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	1	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			37.549	31.916										358.49	350.6					
Drinking Water Standards				50				100			250000				2				5000						
HMW-3B																									
	3/9/2005	1260	1080	2.5	2.5		3430	0.5	0.5	32.65	2480	2230	0.257	0.25	0.5	0.5	10	10	4.28	2.24	354.53	0.5	0.5	91.5	85.9
	4/21/2005	1820	1090	2.5	2.5	2630	7170	0.5	0.5	28.07	2640	2240	0.242	0.247	0.5	0.5	6.21	10	37.8	2.63	329.11	12.7	0.5	115	66.1
	11/30/2005	1200	1130	2.5	2.5	3210	3440	0.5	0.5	32.66	2740	2340	0.28	0.279	0.5	0.5	10	10	9.23	10.5	354.58	0.5	0.5	36.4	72.4
Mean		1426.67	1100.00	2.50	2.50	2920.00	4680.00	0.50	0.50	31.12	2620.00	2270.00	0.26	0.26	0.50	0.50	8.74	10.00	17.10	5.12	346.07	4.57	0.50	80.97	74.80
St. Deviation		341.96	26.46	0.00	0.00	410.12	2156.41	0.00	0.00	2.65	131.15	60.83	0.02	0.02	0.00	0.00	2.19	0.00	18.09	4.66	14.69	7.04	0.00	40.34	10.12
# of values		3	3	3	3	2	3	3	3	3.00	3	3	3	3	3	3	3	3	3	3	3.00	3	3	3	3
Minimum		1200	1080	2.5	2.5	2630	3430	0.5	0.5	28.07	2480	2230	0.242	0.247	0.5	0.5	6.21	10	4.28	2.24	329.11	0.5	0.5	36.4	66.1
Maximum		1820	1130	2.5	2.5	3210	7170	0.5	0.5	32.66	2740	2340	0.28	0.279	0.5	0.5	10	10	37.8	10.5	354.58	12.7	0.5	115	85.9
Lowest fifth percentile		1206.00	1081.00	2.50	2.50	2659.00	3431.00	0.50	0.50	28.53	2496.00	2231.00	0.24	0.25	0.50	0.50	6.59	10.00	4.78	2.28	331.65	0.50	0.50	41.91	66.73
# of values undetected		0	0	3	3	0	0	3	3	0.00	0	0	0	0	3	3	2	3	0	0	0.00	2	3	0	0
# of values between MDL and PQL		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	1	0	1	2	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			33.545	28.514										339.13	331.66					
Drinking Water Standards				50				100			250000				2				5000						
HMW-4A																									
	11/30/2005	357	320	2.5	2.5	3700	3720	0.5	0.5	13.81	2310	2270	0.352	0.361	0.5	0.5	10	10	2.5	3.81	232.06	0.5	0.5	35.6	48.7
Mean		357.00	320.00	2.50	2.50	3700.00	3720.00	0.50	0.50	13.81	2310.00	2270.00	0.35	0.36	0.50	0.50	10.00	10.00	2.50	3.81	232.06	0.50	0.50	35.60	48.70
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
# of values		1	1	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	1	1	1	1.00	1	1	1	1
Minimum		357	320	2.5	2.5	3700	3720	0.5	0.5	13.81	2310	2270	0.352	0.361	0.5	0.5	10	10	2.5	3.81	232.06	0.5	0.5	35.6	48.7
Maximum		357	320	2.5	2.5	3700	3720	0.5	0.5	13.81	2310	2270	0.352	0.361	0.5	0.5	10	10	2.5	3.81	232.06	0.5	0.5	35.6	48.7
Lowest fifth percentile		357.00	320.00	2.50	2.50	3700.00	3720.00	0.50	0.50	13.81	2310.00	2270.00	0.35	0.36	0.50	0.50	10.00	10.00	2.50	3.81	232.06	0.50	0.50	35.60	48.70
# of values undetected		0	0	1	1	0	0	1	1	0.00	0	0	0	0	1	1	1	1	1	0	0.00	1	1	0	0
# of values between MDL and PQL		1	1	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	1	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			16.248	13.811										237.28	232.06					
Drinking Water Standards				50				100			250000				2				5000						

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Conductivity	pH	Chloride	Sulfate	Fluoride	Bromide	Sulfide (.1mg/L)	Alkalinity	Ammonia	Cyanide (.005mg/L) Total WAD	Nitrate/ Nitrite (-1- 2mg/L)	TDS	TSS	Calculated Hardness	Aluminum		Antimony		Arsenic		Barium		Beryllium		
		(1umhos/cm)	(.1units)	(.1mg/L)	(.1mg/L)	(.1mg/L)	(.1mg/L)		(20mg/L)	(.1mg/L)		(50mg/L)	(.4mg/L)	Total		Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss
		umhos/cm	pH units	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L		mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
HMW-4B																										
	10/27/2005			3.45	24.8	0.048		0.05	56	0.074	0.0025	0.0025	0.11	96.3	42	84.85	1350	10.4	0.5	0.5	2.5	2.5	55.8	42	0.2	0.2
	12/1/2005			2.85	24.2	0.041		0.05	65	0.05	0.0025	0.0025	0.103	83.8	127	94.40	2800	14.6	0.497	0.5	6.82	2.5	100	41.9	0.2	0.2
Mean		#DIV/0!	#DIV/0!	3.15	24.50	0.04	#DIV/0!	0.05	60.50	0.06	0.00	0.00	0.11	90.05	84.50	89.62	2075.00	12.50	0.50	0.50	4.66	2.50	77.90	41.95	0.20	0.20
St. Deviation		#DIV/0!	#DIV/0!	0.42	0.42	0.00	#DIV/0!	0.00	6.36	0.02	0.00	0.00	0.00	8.84	60.10	6.75	1025.30	2.97	0.00	0.00	3.05	0.00	31.25	0.07	0.00	0.00
# of values		0	0	2	2	2	0	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2
Minimum		0	0	2.85	24.2	0.041	0	0.05	56	0.05	0.0025	0.0025	0.103	83.8	42	84.85	1350	10.4	0.497	0.5	2.5	2.5	55.8	41.9	0.2	0.2
Maximum		0	0	3.45	24.8	0.048	0	0.05	65	0.074	0.0025	0.0025	0.11	96.3	127	94.40	2800	14.6	0.5	0.5	6.82	2.5	100	42	0.2	0.2
Lowest fifth percentile		#NUM!	#NUM!	2.88	24.23	0.04	#NUM!	0.05	56.45	0.05	0.00	0.00	0.10	84.43	46.25	85.33	1422.50	10.61	0.50	0.50	2.72	2.50	58.01	41.91	0.20	0.20
# of values undetected		0	0	0	0	0	0	2	0	1	2	2	0	0	0	0.00	0	0	1	2	1	2	0	0	2	2
# of values between MDL and PQL		0	0	0	0	2	0	0	0	1	0	0	0	0	0	0.00	0	2	1	0	0	0	0	0	0	0
Chronic Aquatic Life Criteria				230					>20	NA		0.0052					87				150					
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4	
HMW-5A																										
	10/26/2005			2.82	60.8	0.146		0.05	205	0.127	0.0025	0.0025	0.041	290	1.7	267.65	10	8.39	3.55	3.63	47.2	44.4	32.6	32.9	0.2	0.2
	11/27/2005			2.85	56.8	0.104		0.05	202	0.0479	0.0025	0.0025	0.0425	279	0.7	263.81	10	21.1	4.08	3.11	44.7	45.6	31.1	32.3	0.248	0.2
Mean		#DIV/0!	#DIV/0!	2.84	58.80	0.13	#DIV/0!	0.05	203.50	0.09	0.00	0.00	0.04	284.50	1.20	265.73	10.00	14.75	3.82	3.37	45.95	45.00	31.85	32.60	0.22	0.20
St. Deviation		#DIV/0!	#DIV/0!	0.02	2.83	0.03	#DIV/0!	0.00	2.12	0.06	0.00	0.00	0.00	7.78	0.71	2.71	0.00	8.99	0.37	0.37	1.77	0.85	1.06	0.42	0.03	0.00
# of values		0	0	2	2	2	0	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2
Minimum		0	0	2.82	56.8	0.104	0	0.05	202	0.0479	0.0025	0.0025	0.041	279	0.7	263.81	10	8.39	3.55	3.11	44.7	44.4	31.1	32.3	0.2	0.2
Maximum		0	0	2.85	60.8	0.146	0	0.05	205	0.127	0.0025	0.0025	0.0425	290	1.7	267.65	10	21.1	4.08	3.63	47.2	45.6	32.6	32.9	0.248	0.2
Lowest fifth percentile		#NUM!	#NUM!	2.82	57.00	0.11	#NUM!	0.05	202.15	0.05	0.00	0.00	0.04	279.55	0.75	264.01	10.00	9.03	3.58	3.14	44.83	44.46	31.18	32.33	0.20	0.20
# of values undetected		0	0	0	0	0	0	2	0	0	2	2	0	0	0	0.00	2	0	0	0	0	0	0	0	1	2
# of values between MDL and PQL		0	0	0	0	0	0	0	0	1	0	0	2	0	0	0.00	0	1	0	0	0	0	0	0	1	0
Chronic Aquatic Life Criteria				230					>20	NA		0.0052					87				150					
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4	
HMW-6B																										
	3/17/2005	440	7.79	3.3	131	0.08		0.05	138	0.05	0.0025	0.0025	0.05	295	0.8	220.59	7.41	10	0.41	0.329	2.22	3.24	28	29.5	0.2	0.2
	4/25/2005	430	7.7	3.39	96.5	0.083		0.05	142	0.05	0.0025	0.0025	0.5	266	3.7	234.93	14.6	10	0.41	0.426	4.25	3.1	27.2	29.5	0.2	0.2
	12/1/2005			2.8	84.8	0.087		0.05	133	0.05	0.0025	0.0025	0.0385	235	15	210.51	283	7.95	0.589	0.5	3.36	4.11	27.7	23.6	0.2	0.2
Mean		435.00	7.75	3.16	104.10	0.08	#DIV/0!	0.05	137.67	0.05	0.00	0.00	0.20	265.33	6.50	222.01	101.67	9.32	0.47	0.42	3.28	3.48	27.63	27.53	0.20	0.20
St. Deviation		7.07	0.06	0.32	24.02	0.00	#DIV/0!	0.00	4.51	0.00	0.00	0.00	0.26	30.01	7.50	12.27	157.08	1.18	0.10	0.09	1.02	0.55	0.40	3.41	0.00	0.00
# of values		2	2	3	3	3	0	3	3	3	3	3	3	3	3	3.00	3	3	3	3	3	3	3	3	3	3
Minimum		430	7.7	2.8	84.8	0.08	0	0.05	133	0.05	0.0025	0.0025	0.0385	235	0.8	210.51	7.41	7.95	0.41	0.329	2.22	3.1	27.2	23.6	0.2	0.2
Maximum		440	7.79	3.39	131	0.087	0	0.05	142	0.05	0.0025	0.0025	0.5	295	15	234.93	283	10	0.589	0.5	4.25	4.11	28	29.5	0.2	0.2
Lowest fifth percentile		430.50	7.70	2.85	85.97	0.08	#NUM!	0.05	133.50	0.05	0.00	0.00	0.04	238.10	1.09	211.52	8.13	8.16	0.41	0.34	2.33	3.11	27.25	24.19	0.20	0.20
# of values undetected		0	0	0	0	0	0	3	0	3	3	3	2	0	0	0.00	0	2	0	1	0	0	0	0	3	3
# of values between MDL and PQL		0	0	0	0	3	0	0	0	0	0	0	1	0	0	0.00	2	1	3	2	3	3	0	0	0	0
Chronic Aquatic Life Criteria				230					>20	NA		0.0052					87				150					
Drinking Water Standards			>6.5 and <8.5	250	250	4			NA	0.2			10	500					6		10		2000		4	
HMW-6C																										
	3/9/2005	270	7.28	2.67	57.6	0.061		0.05	78	0.085	0.006	0.003	0.09	153	159	137.07	3490	10	1.85	0.5	12.7	2.5	99.3	36.2	0.38	0.2
	4/21/2005	270	7.1	2.65	60.3	0.053		0.05	88	0.079	0.0025	0.0025	0.5	166	582	150.20	16100	10	8.52	0.5	60.3	2.45	287	44.9	1.13	0.2
Mean		270.00	7.19	2.66	58.95	0.06	#DIV/0!	0.05	83.00	0.08	0.00	0.00	0.30	159.50	370.50	143.64	9795.00	10.00	5.19	0.50	36.50	2.48	193.15	40.55	0.76	0.20
St. Deviation		0.00	0.13	0.01	1.91	0.01	#DIV/0!	0.00	7.07	0.00	0.00	0.00	0.29	9.19	299.11	9.29	8916.62	0.00	4.72	0.00	33.66	0.04	132.72	6.15	0.53	0.00
# of values		2	2	2	2	2	0	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2
Minimum		270	7.1	2.65	57.6	0.053	0	0.05	78	0.079	0.0025	0.0025	0.09	153	159	137.07	3490	10	1.85	0.5	12.7	2.45	99.3	36.2	0.38	0.2
Maximum		270	7.28	2.67	60.3	0.061	0	0.05	88	0.085	0.006	0.003	0.5	166	582	150.20	16100	10	8.52	0.5	60.3	2.5	287	44.9	1.13	0.2
Lowest fifth percentile		270.00	7.11	2.65	57.74	0.05	#NUM!	0.05	78.50	0.08	0.00	0.00	0.11	153.65	180.15	137.73	4120.50	10.00	2.18	0.50	15.08	2.45	108.69	36.64	0.42	0.20
# of values undetected		0	0	0	0	0	0	1	0	0	1	1	1	0	0	0.00	0	1	0	1	0	0	0	0	0	1
# of values between MDL and PQL		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0.00	0	0	0	0	0	1	0	0	0	0
Chronic Aquatic Life Criteria				230					>20	NA																

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Cadmium (.1ug/L)		DEC FW Chronic- Cadmium	Calcium (2mg/L)		Chromium (1ug/L)		Cobalt (4ug/L)		Copper (1ug/L)		DEC FW Chronic- Copper	Iron (.04mg/L)		Lead (.2ug/L)		DEC Chronic- Lead	Magnesium (.2mg/L)		Manganese (1ug/L)		Mercury (1ng/L)	Molybdenum (10ug/L)		Nickel (2ug/L)		DEC Chronic- Nickel	Phosphorus (30ug/L)		
		Total	Diss	Standard in	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in	Total	Diss
HMW-4B																															
	10/27/2005	0.25	0.25	0.22	27.1	27.2	0.5	0.5	2	2	1.57	0.5	7.78	1.75	0.02	1.92	0.1	2.10	4.16	4.03	20.7	0.913		5	5	2.05	0.958	45.26	100	100	
	12/1/2005	1.34	0.347	0.24	28.8	29.6	1.56	0.5	1.89	2	7.07	0.5	8.53	6.03	0.02	5.73	0.1	2.36	5.45	5.39	127	1.54		5	5	11.6	1.41	49.53	91.3	63.8	
Mean		0.80	0.30	0.23	27.95	28.40	1.03	0.50	1.95	2.00	4.32	0.50	8.15	3.89	0.02	3.83	0.10	2.23	4.81	4.71	73.85	1.23	#DIV/0!	5.00	5.00	6.83	1.18	47.39	95.65	81.90	
St. Deviation		0.77	0.07	0.01	1.20	1.70	0.75	0.00	0.08	0.00	3.89	0.00	0.53	3.03	0.00	2.69	0.00	0.18	0.91	0.96	75.17	0.44	#DIV/0!	0.00	0.00	6.75	0.32	3.02	6.15	25.60	
# of values		2	2	2.00	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2.00	2	2	2	2	0	2	2	2	2	2.00	2	2	
Minimum		0.25	0.25	0.22	27.1	27.2	0.5	0.5	1.89	2	1.57	0.5	7.78	1.75	0.02	1.92	0.1	2.10	4.16	4.03	20.7	0.913	0	5	5	2.05	0.958	45.26	91.3	63.8	
Maximum		1.34	0.347	0.24	28.8	29.6	1.56	0.5	2	2	7.07	0.5	8.53	6.03	0.02	5.73	0.1	2.36	5.45	5.39	127	1.54	0	5	5	11.6	1.41	49.53	100	100	
Lowest fifth percentile		0.30	0.25	0.22	27.19	27.32	0.55	0.50	1.90	2.00	1.85	0.50	7.82	1.96	0.02	2.11	0.10	2.12	4.22	4.10	26.02	0.94	#NUM!	5.00	5.00	2.53	0.98	45.47	91.74	65.61	
# of values undetected		1	1		0	0	1	2	1	2	0	2	0.00	0	2	0	2	0.00	0	0	0	0	0	2	2	0	0	0.00	1	1	
# of values between MDL and PQL		0	1		0	0	0	0	1	0	0	0	0.00	0	0	0	0	0.00	0	0	0	1	0	0	0	0	0	2	0.00	1	1
Chronic Aquatic Life Criteria		0.2406	0.22031					11			8.14585	7.82001		1	1	2.6	2.1164						770			45.609	45.473				
Drinking Water Standards		5					100				1000			0.3							50		2000			100					
HMW-5A																															
	10/26/2005	0.25	0.25	0.49	70.4	70.5	0.5	0.5	2	2	0.381	0.5	20.77	1.01	0.946	0.1	0.1	7.21	22.3	22.3	104	98.2		11.8	11.9	13.3	12.4	119.61	100	100	
	11/27/2005	0.25	0.178	0.48	68.7	69.3	0.5	0.5	2	2	0.5	0.421	20.52	1.04	1.04	0.1	0.1	7.11	22.4	22.5	87.8	86.8		12.8	13.3	11.5	11.7	118.16	100	100	
Mean		0.25	0.21	0.48	69.55	69.90	0.50	0.50	2.00	2.00	0.44	0.46	20.64	1.03	0.99	0.10	0.10	7.16	22.35	22.40	95.90	92.50	#DIV/0!	12.30	12.60	12.40	12.05	118.89	100.00	100.00	
St. Deviation		0.00	0.05	0.00	1.20	0.85	0.00	0.00	0.00	0.00	0.08	0.06	0.18	0.02	0.07	0.00	0.00	0.08	0.07	0.14	11.46	8.06	#DIV/0!	0.71	0.99	1.27	0.49	1.03	0.00	0.00	
# of values		2	2	2.00	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2.00	2	2	2	2	0	2	2	2	2	2.00	2	2	
Minimum		0.25	0.178	0.48	68.7	69.3	0.5	0.5	2	2	0.381	0.421	20.52	1.01	0.946	0.1	0.1	7.11	22.3	22.3	87.8	86.8	0	11.8	11.9	11.5	11.7	118.16	100	100	
Maximum		0.25	0.25	0.49	70.4	70.5	0.5	0.5	2	2	0.5	0.5	20.77	1.04	1.04	0.1	0.1	7.21	22.4	22.5	104	98.2	0	12.8	13.3	13.3	12.4	119.61	100	100	
Lowest fifth percentile		0.25	0.18	0.48	68.79	69.36	0.50	0.50	2.00	2.00	0.39	0.42	20.53	1.01	0.95	0.10	0.10	7.11	22.31	22.31	88.61	87.37	#NUM!	11.85	11.97	11.59	11.74	118.23	100.00	100.00	
# of values undetected		2	1		0	0	2	2	2	2	1	1	0.00	0	0	2	2	0.00	0	0	0	0	0	0	0	0	0	0.00	2	2	
# of values between MDL and PQL		0	1		0	0	0	0	0	0	1	1	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	
Chronic Aquatic Life Criteria		0.5556	0.48245					11			21.3845	20.5291		1	1	10.95	7.1116						770			118.59	118.23				
Drinking Water Standards		5					100				1000			0.3							50		2000			100					
HMW-6B																															
	3/17/2005	0.25	0.25	0.43	49.6	51.1	1.66	1.32	2	2	0.656	0.5	17.61	0.485	0.457	0.1	0.1	5.89	23.5	23.8	62.9	71.2		5	5	1.17	1.95	101.56	100	100	
	4/25/2005	0.25	0.25	0.44	53.2	51.8	0.5	0.5	2	2	0.945	0.952	18.58	0.559	0.485	0.238	0.1	6.29	24.8	23.6	67.8	70		5	5	1.47	1.58	107.12	100	100	
	12/1/2005	0.25	0.187	0.41	48.2	49.4	1.13	0.5	2	2	1.06	0.5	16.92	1.28	0.499	0.527	0.1	5.60	21.9	22.7	85.5	61.6		5	5	2.86	1.4	97.62	100	100	
Mean		0.25	0.23	0.43	50.33	50.77	1.10	0.77	2.00	2.00	0.89	0.65	17.70	0.77	0.48	0.29	0.10	5.93	23.40	23.37	72.07	67.60	#DIV/0!	5.00	5.00	1.83	1.64	102.10	100.00	100.00	
St. Deviation		0.00	0.04	0.02	2.58	1.23	0.58	0.47	0.00	0.00	0.21	0.26	0.84	0.44	0.02	0.22	0.00	0.35	1.45	0.59	11.89	5.23	#DIV/0!	0.00	0.00	0.90	0.28	4.77	0.00	0.00	
# of values		3	3	3.00	3	3	3	3	3	3	3	3	3.00	3	3	3	3	3.00	3	3	3	3	0	3	3	3	3	3.00	3	3	
Minimum		0.25	0.187	0.41	48.2	49.4	0.5	0.5	2	2	0.656	0.5	16.92	0.485	0.457	0.1	0.1	5.60	21.9	22.7	62.9	61.6	0	5	5	1.17	1.4	97.62	100	100	
Maximum		0.25	0.25	0.44	53.2	51.8	1.66	1.32	2	2	1.06	0.952	18.58	1.28	0.499	0.527	0.1	6.29	24.8	23.8	85.5	71.2	0	5	5	2.86	1.95	107.12	100	100	
Lowest fifth percentile		0.25	0.19	0.41	48.34	49.57	0.56	0.50	2.00	2.00	0.68	0.50	16.99	0.49	0.46	0.11	0.10	5.63	22.06	22.79	63.39	62.44	#NUM!	5.00	5.00	1.20	1.42	98.02	100.00	100.00	
# of values undetected		3	2		0	0	1	2	3	3	0	2	0.00	0	0	1	3	0.00	0	0	0	0	0	3	3	0	0	0.00	3	3	
# of values between MDL and PQL		0	1		0	0	0	0	0	0	2	1	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	2	3	0.00	0	0	
Chronic Aquatic Life Criteria		0.4714	0.41375					11			17.6945	16.9867		1	1	8.257	5.6298						770			98.311	98.017				
Drinking Water Standards		5					100				1000			0.3							50		2000			100					
HMW-6C																															
	3/9/2005	1.12	0.25	0.31	35.1	35.5	3.76	0.5	9.93	2	44.3	0.53	11.73	27.9	0.283	5.7	0.1	3.54	12	11.2	900	157		3.75	5	113	4.46	67.91	208	100	
	4/21/2005	7.5	0.25	0.33	36.9	36	15.1	0.5	48.7	2	239	0.5	12.68	80.2	0.255	21.5	0.069	3.91	14.1	11.3	4300	160	20.2	13.6	5	632	4.69	73.37	1010	100	
Mean		4.31	0.25	0.32	36.00	35.75	9.43	0.50	29.32	2.00	141.65	0.52	12.20	54.05	0.27	13.60	0.08	3.72	13.05	11.25	2600.00	158.5									

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW	Tin (5ug/L)		Titanium (5ug/L)			
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Silver	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss		
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	Standard in ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	in ug/L	ug/L	ug/L	ug/L	ug/L	
HMW-4B																											
	10/27/2005	364	254	2.5	2.5	2290	5930	0.5	0.5	2.60	2860	2310	0.129	0.123	0.5	0.5	10	6.4	52	27.3	101.95	0.5	0.5	28.8	20.7		
	12/1/2005	410	188	2.5	2.5	2010	9620	0.5	0.5	3.12	2430	2280	0.125	0.125	0.5	0.5	10	10	40.2	27.8	111.60	1.48	0.5	59	25.6		
	Mean	387.00	221.00	2.50	2.50	2150.00	7775.00	0.50	0.50	2.86	2645.00	2295.00	0.13	0.12	0.50	0.50	10.00	8.20	46.10	27.55	106.77	0.99	0.50	43.90	23.15		
	St. Deviation	32.53	46.67	0.00	0.00	197.99	2609.22	0.00	0.00	0.37	304.06	21.21	0.00	0.00	0.00	0.00	0.00	2.55	8.34	0.35	6.82	0.69	0.00	21.35	3.46		
	# of values	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	2.00	2	2	2	2		
	Minimum	364	188	2.5	2.5	2010	5930	0.5	0.5	2.60	2430	2280	0.125	0.123	0.5	0.5	10	6.4	40.2	27.3	101.95	0.5	0.5	28.8	20.7		
	Maximum	410	254	2.5	2.5	2290	9620	0.5	0.5	3.12	2860	2310	0.129	0.125	0.5	0.5	10	10	52	27.8	111.60	1.48	0.5	59	25.6		
	Lowest fifth percentile	366.30	191.30	2.50	2.50	2024.00	6114.50	0.50	0.50	2.63	2451.50	2281.50	0.13	0.12	0.50	0.50	10.00	6.58	40.79	27.33	102.43	0.55	0.50	30.31	20.95		
	# of values undetected	0	0	2	2	0	0	2	2	0.00	0	0	0	0	2	2	2	1	0	0	0.00	1	2	0	0		
	# of values between MDL and PQL	2	2	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	1	0	0	0.00	0	0	0	0		
	Chronic Aquatic Life Criteria			5	4.6			3.0892	2.6259											104.74	102.44						
	Drinking Water Standards			50				100			250000				2				5000								
HMW-5A																											
	10/26/2005	561	496	2.5	2.5	3940	3890	0.5	0.5	18.76	3420	3390	0.455	0.445	0.5	0.5	10	7.26	2.55	3.51	269.86	0.5	0.5	94.9	89.4		
	11/27/2005	500	470	2.5	2.5	3880	3820	0.5	0.5	18.30	3360	3170	0.442	0.442	0.5	0.5	10	10	2.5	3.1	266.58	0.5	0.5	40.4	59.1		
	Mean	530.50	483.00	2.50	2.50	3910.00	3855.00	0.50	0.50	18.53	3390.00	3280.00	0.45	0.44	0.50	0.50	10.00	8.63	2.53	3.31	268.22	0.50	0.50	67.65	74.25		
	St. Deviation	43.13	18.38	0.00	0.00	42.43	49.50	0.00	0.00	0.33	42.43	155.56	0.01	0.00	0.00	0.00	0.00	1.94	0.04	0.29	2.32	0.00	0.00	38.54	21.43		
	# of values	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	2.00	2	2	2	2		
	Minimum	500	470	2.5	2.5	3880	3820	0.5	0.5	18.30	3360	3170	0.442	0.442	0.5	0.5	10	7.26	2.5	3.1	266.58	0.5	0.5	40.4	59.1		
	Maximum	561	496	2.5	2.5	3940	3890	0.5	0.5	18.76	3420	3390	0.455	0.445	0.5	0.5	10	10	2.55	3.51	269.86	0.5	0.5	94.9	89.4		
	Lowest fifth percentile	503.05	471.30	2.50	2.50	3883.00	3823.50	0.50	0.50	18.32	3363.00	3181.00	0.44	0.44	0.50	0.50	10.00	7.40	2.50	3.12	266.74	0.50	0.50	43.13	60.62		
	# of values undetected	0	0	2	2	0	0	2	2	0.00	0	0	0	0	2	2	2	1	1	0	0.00	2	2	0	0		
	# of values between MDL and PQL	0	2	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	1	1	2	0.00	0	0	0	0		
	Chronic Aquatic Life Criteria			5	4.6			21.556	18.323											272.74	266.74						
	Drinking Water Standards			50				100			250000				2				5000								
HMW-6B																											
	3/17/2005	304	319	2.5	2.5	2940	3190	0.5	0.5	13.45	6210	6680	0.527	0.537	0.5	0.5	10	10	2.5	3.32	229.07	0.5	0.5	33.8	40.7		
	4/25/2005	364	382	2.5	2.5	3100	2650	0.5	0.5	14.99	6650	6930	0.569	0.549	0.5	0.5	10	10	2.5	2.5	241.63	0.5	0.5	77.1	56.9		
	12/1/2005	349	274	2.5	2.5	3140	4280	0.5	0.5	12.41	5910	5110	0.489	0.484	0.5	0.5	10	10	1.62	1.53	220.17	0.5	0.5	66.2	38.9		
	Mean	339.00	325.00	2.50	2.50	3060.00	3373.33	0.50	0.50	13.62	6256.67	6240.00	0.53	0.52	0.50	0.50	10.00	10.00	2.21	2.45	230.29	0.50	0.50	59.03	45.50		
	St. Deviation	31.22	54.25	0.00	0.00	105.83	830.32	0.00	0.00	1.30	372.20	986.56	0.04	0.03	0.00	0.00	0.00	0.00	0.51	0.90	10.78	0.00	0.00	22.52	9.91		
	# of values	3	3	3	3	3	3	3	3	3.00	3	3	3	3	3	3	3	3	3	3	3.00	3	3	3	3		
	Minimum	304	274	2.5	2.5	2940	2650	0.5	0.5	12.41	5910	5110	0.489	0.484	0.5	0.5	10	10	1.62	1.53	220.17	0.5	0.5	33.8	38.9		
	Maximum	364	382	2.5	2.5	3140	4280	0.5	0.5	14.99	6650	6930	0.569	0.549	0.5	0.5	10	10	2.5	3.32	241.63	0.5	0.5	77.1	56.9		
	Lowest fifth percentile	308.50	278.50	2.50	2.50	2956.00	2704.00	0.50	0.50	12.52	5940.00	5267.00	0.49	0.49	0.50	0.50	10.00	10.00	1.71	1.63	221.06	0.50	0.50	37.04	39.08		
	# of values undetected	0	0	3	3	0	0	3	3	0.00	0	0	0	0	3	3	3	3	2	1	0.00	3	3	0	0		
	# of values between MDL and PQL	3	3	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	1	2	0.00	0	0	0	0		
	Chronic Aquatic Life Criteria			5	4.6			14.723	12.514											226.04	221.06						
	Drinking Water Standards			50				100			250000				2				5000								
HMW-6C																											
	3/9/2005	869	366	2.5	2.5		5470	0.364	0.5	5.93	3750	3280	0.168	0.164	0.5	0.5	10	10	96.1	2.58	153.07	0.411	0.5	48.7	33.1		
	4/21/2005	1490	366	5	2.5	2010	14600	1.86	0.5	6.95	4910	3370	0.179	0.164	10	0.5	19.6	10	512	2.06	165.41	1	0.5	83.8	31		
	Mean	1179.50	366.00	3.75	2.50	2010.00	10035.00	1.11	0.50	6.44	4330.00	3325.00	0.17	0.16	5.25	0.50	14.80	10.00	304.05	2.32	159.24	0.71	0.50	66.25	32.05		
	St. Deviation	439.11	0.00	1.77	0.00	#DIV/0!	6455.88	1.06	0.00	0.72	820.24	63.64	0.01	0.00	6.72	0.00	6.79	0.00	294.09	0.37	8.72	0.42	0.00	24.82	1.48		
	# of values	2	2	2	2	1	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	2.00	2	2	2	2		
	Minimum	869	366	2.5	2.5	2010	5470	0.364	0.5	5.93	3750	3280	0.168	0.164	0.5	0.5	10	10	96.1	2.06	153.07	0.411	0.5	48.7	31		
	Maximum	1490	366	5	2.5	2010	14600	1.86	0.5	6.95	4910	3370	0.179	0.164	10	0.5	19.6	10	512	2.58	165.41	1	0.5	83.8	33.1		
	Lowest fifth percentile	900.05	366.00	2.63	2.50	2010.00	5926.50	0.44	0.50	5.98	3808.00	3284.50	0.17	0.16	0.98	0.50	10.48	10.00	116.90	2.09	153.69	0.44	0.50	50.46	31.11		
	# of values undetected	0	0	1	1	0	0	0	1	0.00	0	0	0	0	1	1	0	1	0	0	0.00	1	1	0	0		
	# of values between MDL and PQL	0	1	0	0	0	0	1	0	0.00	0	0	0	0	0	0	1	0	0	1	0.00	0	0	0	0		
	Chronic Aquatic Life Criteria			5	4.6			7.039	5.9831											157.15	153.69						
	Drinking Water Standards			50				100			250000				2				5000								

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Conductivity	pH	Chloride	Sulfate	Fluoride	Bromide	Sulfide (.1mg/L)	Alkalinity	Ammonia	Cyanide (.005mg/L)		Nitrate/ Nitrite (.1-2mg/L)	TDS	TSS	Calculated Hardness	Aluminum (20ug/L)		Antimony (1ug/L)		Arsenic (5ug/L)		Barium (3ug/L)		Beryllium (.4ug/L)		
		(1umhos/cm)	(.1units)	(.1mg/L)	(.1mg/L)	(.1mg/L)	(.1mg/L)		(20mg/L)	(.1mg/L)	Total	WAD	(50mg/L)	(.4mg/L)	Total		Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss
		umhos/cm	pH units	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
HMW-6D																											
	10/26/2005			3.19	57.5	0.091		0.05	90	0.087	0.0025	0.0025	0.08	173	2.5	150.32	34.4	12.3	0.5	0.5	2.5	2.5	36.4	34.9	0.2	0.2	
	12/5/2005			3.25	37.2	0.052		0.05	94		0.0025	0.0025	0.0505	141	16.9	126.95	433	9.11	0.5	0.5	2.5	2.5	46.4	33.9	0.2	0.2	
Mean		#DIV/0!	#DIV/0!	3.22	47.35	0.07	#DIV/0!	0.05	92.00	0.09	0.00	0.00	0.07	157.00	9.70	138.63	233.70	10.71	0.50	0.50	2.50	2.50	41.40	34.40	0.20	0.20	
St. Deviation		#DIV/0!	#DIV/0!	0.04	14.35	0.03	#DIV/0!	0.00	2.83	#DIV/0!	0.00	0.00	0.02	22.63	10.18	16.53	281.85	2.26	0.00	0.00	0.00	0.00	7.07	0.71	0.00	0.00	
# of values		0	0	2	2	2	0	2	2	1	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	
Minimum		0	0	3.19	37.2	0.052	0	0.05	90	0.087	0.0025	0.0025	0.0505	141	2.5	126.95	34.4	9.11	0.5	0.5	2.5	2.5	36.4	33.9	0.2	0.2	
Maximum		0	0	3.25	57.5	0.091	0	0.05	94	0.087	0.0025	0.0025	0.08	173	16.9	150.32	433	12.3	0.5	0.5	2.5	2.5	46.4	34.9	0.2	0.2	
Lowest fifth percentile		#NUM!	#NUM!	3.19	38.22	0.05	#NUM!	0.05	90.20	0.09	0.00	0.00	0.05	142.60	3.22	128.11	54.33	9.27	0.50	0.50	2.50	2.50	36.90	33.95	0.20	0.20	
# of values undetected		0	0	0	0	0	0	1	0	0	1	1	0	0	0	0.00	0	0	1	1	1	1	0	0	1	1	
# of values between MDL and PQL		0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052					87				150						
Drinking Water Standards			>6.5 and <8.5	250	250	4				NA	0.2		10	500					6		10		2000		4		
CW1-1																											
	5/24/2005	650	7.3	2.87	95.6	0.102		0.05	229	0.05	0.0025	0.0025	0.06	358	3	334.90	10	10	3.82	5.73	86	79.3	16.6	15.9	0.2	0.2	
Mean		650.00	7.30	2.87	95.60	0.10	#DIV/0!	0.05	229.00	0.05	0.00	0.00	0.06	358.00	3.00	334.90	10.00	10.00	3.82	5.73	86.00	79.30	16.60	15.90	0.20	0.20	
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
# of values		1	1	1	1	1	0	1	1	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	1	1	1	
Minimum		650	7.3	2.87	95.6	0.102	0	0.05	229	0.05	0.0025	0.0025	0.06	358	3	334.90	10	10	3.82	5.73	86	79.3	16.6	15.9	0.2	0.2	
Maximum		650	7.3	2.87	95.6	0.102	0	0.05	229	0.05	0.0025	0.0025	0.06	358	3	334.90	10	10	3.82	5.73	86	79.3	16.6	15.9	0.2	0.2	
Lowest fifth percentile		650.00	7.30	2.87	95.60	0.10	#NUM!	0.05	229.00	0.05	0.00	0.00	0.06	358.00	3.00	334.90	10.00	10.00	3.82	5.73	86.00	79.30	16.60	15.90	0.20	0.20	
# of values undetected		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	
# of values between MDL and PQL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	
Chronic Aquatic Life Criteria				230					>20	NA		0.0052					87				150						
Drinking Water Standards			>6.5 and <8.5	250	250	4				NA	0.2		10	500					6		10		2000		4		

Notes: Cyanide drinking water standard is for free cyanide. For hardness dependent criteria if the hardness exceeded 400 a value of 400 was used to calculate the criteria.

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Cadmium (.1ug/L)		DEC FW Chronic- Cadmium	Calcium (2mg/L)		Chromium (1ug/L)		Cobalt (4ug/L)		Copper (1ug/L)		DEC FW Chronic- Copper	Iron (.04mg/L)		Lead (.2ug/L)		DEC Chronic- Lead	Magnesium (.2mg/L)		Manganese (1ug/L)		Mercury (1ng/L)	Molybdenum (10ug/L)		Nickel (2ug/L)		DEC Chronic- Nickel	Phosphorus (30ug/L)	
		Total	Diss	Standard in	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in	Total
HMW-6D																														
	10/26/2005	0.25	0.25	0.33	42.7	42.3	0.5	0.5	2	2	0.65	0.5	12.69	0.301	0.129	0.1	0.1	3.91	10.6	10.6	50.3	47.2		5	5	5.11	4.92	73.42	100	100
	12/5/2005	0.681	0.25	0.29	37.1	40.3	1.04	0.5	0	2	2.87	0.5	10.98	1.36	0.0888	0.875	0.088	3.26	8.32	9.04	144	121		5	5	7.34	4.21	63.64	100	100
	Mean	0.47	0.25	0.31	39.90	41.30	0.77	0.50	1.00	2.00	1.76	0.50	11.83	0.83	0.11	0.49	0.09	3.59	9.46	9.82	97.15	84.10	#DIV/0!	5.00	5.00	6.23	4.57	68.53	100.00	100.00
	St. Deviation	0.30	0.00	0.03	3.96	1.41	0.38	0.00	1.41	0.00	1.57	0.00	1.21	0.75	0.03	0.55	0.01	0.46	1.61	1.10	66.26	52.18	#DIV/0!	0.00	0.00	1.58	0.50	6.92	0.00	0.00
	# of values	2	2	2.00	2	2	2	2	2	2	2	2	2.00	2	2	2	2	2.00	2	2	2	2	0	2	2	2	2	2.00	2	2
	Minimum	0.25	0.25	0.29	37.1	40.3	0.5	0.5	0	2	0.65	0.5	10.98	0.301	0.0888	0.1	0.088	3.26	8.32	9.04	50.3	47.2	0	5	5	5.11	4.21	63.64	100	100
	Maximum	0.681	0.25	0.33	42.7	42.3	1.04	0.5	2	2	2.87	0.5	12.69	1.36	0.129	0.875	0.1	3.91	10.6	10.6	144	121	0	5	5	7.34	4.92	73.42	100	100
	Lowest fifth percentile	0.27	0.25	0.29	37.38	40.40	0.53	0.50	0.10	2.00	0.76	0.50	11.07	0.35	0.09	0.14	0.09	3.29	8.43	9.12	54.99	50.89	#NUM!	5.00	5.00	5.22	4.25	64.13	100.00	100.00
	# of values undetected	0	1		0	0	0	1	0	1	0	1	0.00	0	0	0	0	0.00	0	0	0	0	0	1	1	0	0	0.00	1	1
	# of values between MDL and PQL	0	0		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chronic Aquatic Life Criteria	0.3251	0.29219					11			11.5285	11.0673		1	1	4.361	3.29234						770			64.326	64.133			
	Drinking Water Standards	5						100			1000			0.3									2000			100				
CW1-1																														
	5/24/2005	0.492	0.245	0.57	80.2	78.4	0.5	2.8	1.42	1.43	9.04	0.666	25.16	1.97	1.86	0.073	0.1	9.11	32.7	32	156	149		6.93	6.76	19.5	18	144.59	100	100
	Mean	0.49	0.25	0.57	80.20	78.40	0.50	2.80	1.42	1.43	9.04	0.67	25.16	1.97	1.86	0.07	0.10	9.11	32.70	32.00	156.00	149.00	#DIV/0!	6.93	6.76	19.50	18.00	144.59	100.00	100.00
	St. Deviation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#####	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	# of values	1	1	1.00	1	1	1	1	1	1	1	1	1.00	1	1	1	1	1.00	1	1	1	1	0	1	1	1	1	1.00	1	1
	Minimum	0.492	0.245	0.57	80.2	78.4	0.5	2.8	1.42	1.43	9.04	0.666	25.16	1.97	1.86	0.073	0.1	9.11	32.7	32	156	149	0	6.93	6.76	19.5	18	144.59	100	100
	Maximum	0.492	0.245	0.57	80.2	78.4	0.5	2.8	1.42	1.43	9.04	0.666	25.16	1.97	1.86	0.073	0.1	9.11	32.7	32	156	149	0	6.93	6.76	19.5	18	144.59	100	100
	Lowest fifth percentile	0.49	0.25	0.57	80.20	78.40	0.50	2.80	1.42	1.43	9.04	0.67	25.16	1.97	1.86	0.07	0.10	9.11	32.70	32.00	156.00	149.00	#NUM!	6.93	6.76	19.50	18.00	144.59	100.00	100.00
	# of values undetected	0	0		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0
	# of values between MDL and PQL	0	0		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0
	Chronic Aquatic Life Criteria	0.6626	0.56882					11			26.204	25.1558		1	1	14.82	9.11279						770			145.02	144.59			
	Drinking Water Standards	5						100			1000			0.3									2000			100				

Notes: Cyanide drinking water standard is

Big Hurrah Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW Acute-Silver	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW Acute-Zinc	Tin (5ug/L)		Titanium (5ug/L)	
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss
HMW-6D																									
	10/26/2005	527	500	2.5	2.5	2260	2420	0.5	0.5	6.95	3250	3110	0.192	0.187	0.5	0.5	10	10	6.41	7.54	165.51	0.5	0.5	57.1	51.8
	12/5/2005	471	359	2.5	2.5	2290	2910	0.5	0.5	5.20	2990	3080	0.168	0.171	0.5	0.5	10	10	8.65	3.85	143.43	0.625	0.5	50.1	35.4
Mean		499.00	429.50	2.50	2.50	2275.00	2665.00	0.50	0.50	6.08	3120.00	3095.00	0.18	0.18	0.50	0.50	10.00	10.00	7.53	5.70	154.47	0.56	0.50	53.60	43.60
St. Deviation		39.60	99.70	0.00	0.00	21.21	346.48	0.00	0.00	1.24	183.85	21.21	0.02	0.01	0.00	0.00	0.00	0.00	1.58	2.61	15.61	0.09	0.00	4.95	11.60
# of values		2	2	2	2	2	2	2	2	2.00	2	2	2	2	2	2	2	2	2	2	2.00	2	2	2	2
Minimum		471	359	2.5	2.5	2260	2420	0.5	0.5	5.20	2990	3080	0.168	0.171	0.5	0.5	10	10	6.41	3.85	143.43	0.5	0.5	50.1	35.4
Maximum		527	500	2.5	2.5	2290	2910	0.5	0.5	6.95	3250	3110	0.192	0.187	0.5	0.5	10	10	8.65	7.54	165.51	0.625	0.5	57.1	51.8
Lowest fifth percentile		473.80	366.05	2.50	2.50	2261.50	2444.50	0.50	0.50	5.29	3003.00	3081.50	0.17	0.17	0.50	0.50	10.00	10.00	6.52	4.03	144.54	0.51	0.50	50.45	36.22
# of values undetected		0	0	1	1	0	0	1	1	0.00	0	0	0	0	1	1	1	1	0	0	0.00	0	1	0	0
# of values between MDL and PQL		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Chronic Aquatic Life Criteria				5	4.6			6.2153	5.283										147.8	144.55					
Drinking Water Standards				50				100			250000				2				5000						
CW1-1																									
	5/24/2005	848	868	2.5	2.5			0.5	0.5	27.58	3540	3470	0.839	0.819	0.5	0.5	10	10	246	241	326.30	0.5	0.5	60.9	84.9
Mean		848.00	868.00	2.50	2.50	#DIV/0!	#DIV/0!	0.50	0.50	27.58	3540.00	3470.00	0.84	0.82	0.50	0.50	10.00	10.00	246.00	241.00	326.30	0.50	0.50	60.90	84.90
St. Deviation		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
# of values		1	1	1	1	0	0	1	1	1.00	1	1	1	1	1	1	1	1	1	1	1.00	1	1	1	1
Minimum		848	868	2.5	2.5	0	0	0.5	0.5	27.58	3540	3470	0.839	0.819	0.5	0.5	10	10	246	241	326.30	0.5	0.5	60.9	84.9
Maximum		848	868	2.5	2.5	0	0	0.5	0.5	27.58	3540	3470	0.839	0.819	0.5	0.5	10	10	246	241	326.30	0.5	0.5	60.9	84.9
Lowest fifth percentile		848.00	868.00	2.50	2.50	#NUM!	#NUM!	0.50	0.50	27.58	3540.00	3470.00	0.84	0.82	0.50	0.50	10.00	10.00	246.00	241.00	326.30	0.50	0.50	60.90	84.90
# of values undetected		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
# of values between MDL and PQL		0	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			32.452	27.585										333.64	326.3					
Drinking Water Standards				50				100			250000				2				5000						

Notes: Cyanide drinking water standard is

Rock Creek Groundwater Database

Station/sample id# and PQL	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW	Tin (5ug/L)		Titanium (5ug/L)	
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Silver Standard in ug/L	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in ug/L	Total	Diss	Total	Diss
Total/Diss Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	in ug/L	ug/L	ug/L	ug/L	ug/L
MW03-01																									
	1/30/2004	485	204	2.5	2.5	2860	4800	0.5	0.5	10.97	2280	1900	0.189	0.19	0.5	0.5	10	10	10.3	2.83	207.16	2.5	2.5	79.6	63.3
	4/22/2004	244	245	2.5	2.5	3460	3200	0.5	0.5	11.09	2290	2240	0.181	0.186	2.64	1.18	10	10	7	10.4	208.30	0.5	0.5	60.2	67.4
	7/29/2004	229	191	2.5	2.5	3120	2960	0.5	0.5	10.63	1950	2020	0.182	0.184	0.5	0.5	10	10	16.6	19	203.97	0.5	0.5	51.6	64.4
	11/4/2004	239	222	2.5	2.5	3160	3310	0.5	0.5	10.16	2040	2080	0.177	0.182	0.497	0.367	10	10	3.1	4.25	199.54	0.5	0.5	52	53.3
	1/18/2005	455	199	2.5	2.5	2890	3750	0.5	0.5	10.97	2180	2150	0.198	0.196	0.5	0.5	10	10	7.31	2.45	207.15	0.5	0.5	28	13.9
	4/19/2005	466	240	2.5	2.5			0.5	0.5	9.21	2360	2030	0.168	0.179	0.5	0.5	10	10	8.18	3.64	190.07	0.5	0.5	62.1	52.8
	11/9/2005	214	261	2.5	2.5	3180	3230	0.5	0.5	11.21	2010	2150	0.189	0.183	0.5	0.5	10	10	2.69	7.93	209.40	0.5	0.5	82.4	54.5
	Mean	333.14	223.14	2.50	2.50	3111.67	3541.67	0.50	0.50	10.61	2158.57	2081.43	0.18	0.19	0.81	0.58	10.00	10.00	7.88	7.21	203.66	0.79	0.79	59.41	52.80
	St. Deviation	127.42	26.39	0.00	0.00	219.49	668.23	0.00	0.00	0.71	159.52	110.97	0.01	0.01	0.81	0.27	0.00	0.00	4.71	5.96	6.84	0.76	0.76	18.47	18.14
	# of values	7	7	7	7	6	6	7	7	7.00	7	7	7	7	7	7	7	7	7	7	7.00	7	7	7	7
	Minimum	214	191	2.5	2.5	2860	2960	0.5	0.5	9.21	1950	1900	0.168	0.179	0.497	0.367	10	10	2.69	2.45	190.07	0.5	0.5	28	13.9
	Maximum	485	261	2.5	2.5	3460	4800	0.5	0.5	11.21	2360	2240	0.198	0.196	2.64	1.18	10	10	16.6	19	209.40	2.5	2.5	82.4	67.4
	Lowest fifth percentile	218.50	193.40	2.50	2.50	2867.50	3020.00	0.50	0.50	9.50	1968.00	1936.00	0.17	0.18	0.50	0.41	10.00	10.00	2.81	2.56	192.91	0.50	0.50	35.08	25.57
	# of values undetected	0	0	7	7	0	0	7	7	0.00	0	0	0	0	5	5	7	7	0	0	0.00	7	7	0	0
	# of values between MDL and PQL	7	7	0	0	0	0	0	0	0.00	0	0	0	0	1	1	0	0	2	3	0.00	0	0	0	0
	Chronic Aquatic Life Criteria			5	4.6			11.167	9.4919											197.26	192.92				
	Drinking Water Standards			50				100			250000				2				5000						
MW03-02																									
	1/29/2004	1090	605	2.5	2.5	4710	8230	0.5	0.5	37.44	3270	3460	0.33	0.333	0.5	0.5	7.83	10	22.7	10.2	379.30	2.5	2.5	155	130
	4/22/2004	623	608	2.5	2.5	5340	5120	0.5	0.5	37.44	3750	3860	0.325	0.336	1.25	0.5	10	10	22.4	11.7	379.30	0.5	0.5	122	140
	7/15/2004	724	364	2.5	2.5	4890	5640	0.5	0.5	37.44	3500	3120	0.321	0.308	0.5	0.5	10	10	19.5	17.7	379.30	0.5	0.5	119	79.3
	10/14/2004	554	539	2.5	2.5	5270	5040	0.5	0.5	37.44	3120	3150	0.344	0.377	0.5	0.5	10	10	5.76	6.66	379.30	0.5	0.5	68.1	69.6
	1/18/2005	331	327	2.5	2.5	4380	4260	0.5	0.5	37.44	2710	2720	0.32	0.32	0.5	0.5	10	10	16.7	14.3	379.30	0.5	0.5	17.8	24.5
	4/19/2005	828	529	2.5	2.5			0.5	0.5	37.44	3840	3270	0.296	0.313	0.5	0.5	10	10	18	10.8	379.30	0.5	0.5	118	111
	11/2/2005	512	465	2.5	2.5	5000	4940	0.5	0.5	37.44	3260	3340	0.36	0.343	0.5	0.5	10	10	5.45	8.89	379.30	0.5	0.5	190	156
	Mean	666.00	491.00	2.50	2.50	4931.67	5538.33	0.50	0.50	37.44	3350.00	3274.29	0.33	0.33	0.61	0.50	9.69	10.00	15.79	11.46	379.30	0.79	0.79	112.84	101.49
	St. Deviation	244.85	111.16	0.00	0.00	358.07	1390.75	0.00	0.00	0.00	387.21	348.42	0.02	0.02	0.28	0.00	0.82	0.00	7.29	3.62	0.00	0.76	0.76	56.15	46.18
	# of values	7	7	7	7	6	6	7	7	7.00	7	7	7	7	7	7	7	7	7	7	7.00	7	7	7	7
	Minimum	331	327	2.5	2.5	4380	4260	0.5	0.5	37.44	2710	2720	0.296	0.308	0.5	0.5	7.83	10	5.45	6.66	379.30	0.5	0.5	17.8	24.5
	Maximum	1090	608	2.5	2.5	5340	8230	0.5	0.5	37.44	3840	3860	0.36	0.377	1.25	0.5	10	10	22.7	17.7	379.30	2.5	2.5	190	156
	Lowest fifth percentile	385.30	338.10	2.50	2.50	4462.50	4430.00	0.50	0.50	37.44	2833.00	2840.00	0.30	0.31	0.50	0.50	8.48	10.00	5.54	7.33	379.30	0.50	0.50	32.89	38.03
	# of values undetected	0	0	7	7	0	0	7	7	0.00	0	0	0	0	6	7	6	7	0	0	0.00	6	7	0	0
	# of values between MDL and PQL	1	3	0	0	0	0	0	0	0.00	0	0	0	0	0	0	1	0	0	0	0.00	1	0	0	0
	Chronic Aquatic Life Criteria			5	4.6			44.05	37.442											387.83	379.3				
	Drinking Water Standards			50				100			250000				2				5000						
MW03-03																									
	1/30/2004	204	200	2.5	2.5	3600	3610	0.5	0.5	11.40	1800	1870	0.221	0.222	0.5	0.5	10	10	1	1	211.10	2.5	2.5	59.1	65.2
	4/21/2004	236	208	2.5	2.5	3460	4170	0.5	0.5	11.32	2200	2120	0.212	0.21	0.5	0.5	10	10	2.5	4.86	210.38	0.5	6.32	58	65.9
	7/28/2004	222	212	2.5	2.5	3500	3550	0.5	0.5	10.88	1890	2040	0.212	0.214	0.5	0.5	10	10	3.1	5.95	206.37	0.5	0.5	46.9	65.4
	10/28/2004	230	246	2.5	2.5	3930	3890	0.5	0.5	10.91	2160	2180	0.209	0.215	0.5	0.5	10	10	2.5	2.5	206.59	0.5	0.5	51	53.4
	4/18/2005	238	217	2.5	2.5		3310	0.5	0.5	10.83	2050	1990	0.206	0.209	0.5	0.5	10	10	2.5	2.5	205.85	0.5	0.5	37.8	35.1
	11/2/2005	220	209	2.5	2.5	4030	3960	0.5	0.5	11.58	1950	2070	0.219	0.208	0.5	0.5	10	10	2.5	1.82	212.77	0.5	0.5	68.6	64.6
	Mean	225.00	215.33	2.50	2.50	3704.00	3748.33	0.50	0.50	11.15	2008.33	2045.00	0.21	0.21	0.50	0.50	10.00	10.00	2.35	3.11	208.84	0.83	1.80	53.57	58.27
	St. Deviation	12.57	16.02	0.00	0.00	259.48	314.10	0.00	0.00	0.32	156.39	107.84	0.01	0.01	0.00	0.00	0.00	0.00	0.70	1.90	2.93	0.82	2.35	10.73	12.31
	# of values	6	6	6	6	5	6	6	6	6.00	6	6	6	6	6	6	6	6	6	6	6.00	6	6	6	6
	Minimum	204	200	2.5	2.5	3460	3310	0.5	0.5	10.83	1800	1870	0.206	0.208	0.5	0.5	10	10	1	1	205.85	0.5	0.5	37.8	35.1
	Maximum	238	246	2.5	2.5	4030	4170	0.5	0.5	11.58	2200	2180	0.221	0.222	0.5	0.5	10	10	3.1	5.95	212.77	2.5	6.32	68.6	65.9
	Lowest fifth percentile	208.00	202.00	2.50	2.50	3468.00	3370.00	0.50	0.50	10.84	1822.50	1900.00	0.21	0.21	0.50	0.50	10.00	10.00	1.38	1.21	205.98	0.50	0.50	40.08	39.68
	# of values undetected	0	0	6	6	0	0	6	6	0.00	0	0	0	0	6	6	6	6	5	3	0.00	6	5	0	0
	# of values between MDL and PQL	6	6	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	1	2	0.00	0	0	0	0
	Chronic Aquatic Life Criteria			5	4.6			12.755	10.842											210.61	205.98				
	Drinking Water Standards			50				100			250000				2				5000						

Rock Creek Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Conductivity	pH	Chloride	Sulfate	Fluoride	Bromide	Sulfide (.1mg/L)	Alkalinity	Ammonia	Cyanide (.005mg/L) Total WAD	Nitrate/ Nitrite (-1- 2mg/L)	TDS	TSS	Calculated Hardness	Aluminum		Antimony (1ug/L)		Arsenic (5ug/L)		Barium (3ug/L)		Beryllium (.4ug/L)			
		(1umhos/cm)	(.1units)	(.1mg/L)	(.1mg/L)	(.1mg/L)	(.1mg/L)		(20mg/L)	(.1mg/L)			(50mg/L)	(.4mg/L)		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss
		umhos/cm	pH units	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L			mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW03-04																											
	1/21/2004	400	7.7	2.59	33.9	0.09	0.05	0.05	196	0.05	0.0025	0.0025	1.56	255	1.4	231.18	6.44	10	1.08	1.06	1.5	2.19	9.35	8.85	0.2	0.2	
	4/21/2004	420	7.7	2.63	36.7	0.069	0.05	0.05	204	0.05	0.0025	0.0025	0.5	268	88.9	240.61	1470	6.29	0.804	0.778	4.05	1.83	20.6	8.87	0.2	0.2	
	8/11/2004	410	7.72	2.86	34.7	0.051	0.05	0.05	196	0.05	0.0025	0.0025	0.5	256	3.5	225.07	25.2	10	1.07	1.41	3.06	1.88	7.37	7.5	0.2	0.2	
	11/4/2004	410	7.66	2.74	32.8	0.05	0.05	0.05	181	0.05	0.0025	0.0025	0.5	233	0.5	214.25	10	10	0.987	1.03	2.5	2.5	6.5	7.14	0.2	0.2	
	1/18/2005	400	7.64	2.68	32.3	0.062	0.05	0.05	186	0.05	0.0025	0.0025	0.5	239	2	222.75	10	10	0.75	0.837	2.5	2.5	5.51	5.64	0.2	0.2	
	4/18/2005	380	7.5	2.64	36.1	0.05	0.05	0.05	195	0.065	0.0025	0.0025	0.5	241	0.25	230.71	10	10	0.817	0.855	2.5	2.5	6.74	6.65	0.2	0.2	
	11/7/2005			2.81	31.1	0.094	0.05	0.05	186	0.054	0.0025	0.0025	0.0695	221	0.25	229.75	10	10	0.541	0.599	2.5	2.5	5.21	6.04	0.2	0.2	
	Mean	403.33	7.65	2.71	33.94	0.07	0.05	0.05	192.00	0.05	0.00	0.00	0.59	244.71	13.83	227.76	220.23	9.47	0.86	0.94	2.66	2.27	8.75	7.24	0.20	0.20	
	St. Deviation	13.66	0.08	0.10	2.04	0.02	#DIV/0!	0.00	7.94	0.01	0.00	0.00	0.46	15.92	33.12	8.21	551.13	1.40	0.19	0.26	0.77	0.31	5.40	1.27	0.00	0.00	
	# of values	6	6	7	7	7	1	7	7	7	7	7	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	
	Minimum	380	7.5	2.59	31.1	0.05	0.05	0.05	181	0.05	0.0025	0.0025	0.0695	221	0.25	214.25	6.44	6.29	0.541	0.599	1.5	1.83	5.21	5.64	0.2	0.2	
	Maximum	420	7.72	2.86	36.7	0.094	0.05	0.05	204	0.065	0.0025	0.0025	1.56	268	88.9	240.61	1470	10	1.08	1.41	4.05	2.5	20.6	8.87	0.2	0.2	
	Lowest fifth percentile	385.00	7.54	2.60	31.46	0.05	0.05	0.05	182.50	0.05	0.00	0.00	0.20	224.60	0.25	216.80	7.51	7.40	0.60	0.65	1.80	1.85	5.30	5.76	0.20	0.20	
	# of values undetected	0	0	0	0	1	1	7	0	5	7	7	5	0	2	0.00	4	6	0	0	4	4	0	0	6	7	
	# of values between MDL and PQL	0	0	0	0	6	0	0	0	2	0	0	1	0	0	0.00	1	1	5	4	3	3	0	0	1	0	
	Chronic Aquatic Life Criteria			230					>20	NA		0.0052				87						150					
	Drinking Water Standards		>6.5 and <8.5	250	250	4			NA	0.2		10	500						6		10		2000		4		
MW03-05																											
	1/15/2004	460	7.6	6.21	78.5	0.133	0.05	0.05	178	0.039	0.0025	0.0025	0.5	320	3.3	259.49	14	84.3	0.664	2.9	93.6	95.2	34	36.7	0.2	1.86	
	4/6/2004	420	7.8	3.94	80.4	0.105	0.05	0.05	156	0.05	0.0025	0.0025	0.5	266	2.7	238.00	46.4	10	1.99	1.94	70.6	67	29.5	28.3	0.2	0.2	
	7/8/2004	450	7.48	5.47	87	0.104	0.05	0.05	168	0.05	0.0025	0.0025	0.5	334	14.7	249.56	434	10	1.5	0.79	80	67	34.6	29.1	0.2	0.2	
	12/2/2004	550	7.54	6.7	90.7	0.05	0.05	0.05	178	0.05	0.0025	0.0025	1.41	294	4.1	262.31	62.8	10	0.607	0.476	86.7	83.7	34	31.1	0.2	0.2	
	1/5/2005	500	7.52	6.19	87.9	0.082	0.05	0.05	171	0.108	0.0025	0.0025	0.5	314	5.7	285.92	7.02	7.56	0.311	0.5	77.8	75.1	30	29.5	0.2	0.2	
	4/20/2005	440	7.8	5.1	85.7	0.08	0.05	0.05	163	0.108	0.0025	0.0025	0.5	282	1.3	248.56	8.21	10	0.421	0.395	73.1	71	28.8	29	0.2	0.2	
	11/7/2005			6.03	92.2	0.06	0.05	0.05	182	0.068	0.0025	0.0025	0.0535	314	1.9	284.35	10	10	0.5	0.5	84.7	85.8	31.4	34.7	0.2	0.2	
	Mean	470.00	7.62	5.66	86.06	0.09	0.05	0.05	170.86	0.07	0.00	0.00	0.57	303.43	4.81	261.17	83.20	20.27	0.86	1.07	80.93	77.83	31.76	31.20	0.20	0.44	
	St. Deviation	47.33	0.14	0.92	5.05	0.03	#DIV/0!	0.00	9.28	0.03	0.00	0.00	0.41	23.74	4.59	18.19	156.21	28.25	0.63	0.97	8.03	10.71	2.42	3.24	0.00	0.63	
	# of values	6	6	7	7	7	1	7	7	7	7	7	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	
	Minimum	420	7.48	3.94	78.5	0.05	0.05	0.05	156	0.039	0.0025	0.0025	0.0535	266	1.3	238.00	7.02	7.56	0.311	0.395	70.6	67	28.8	28.3	0.2	0.2	
	Maximum	550	7.8	6.7	92.2	0.133	0.05	0.05	182	0.108	0.0025	0.0025	1.41	334	14.7	285.92	434	84.3	1.99	2.9	93.6	95.2	34.6	36.7	0.2	1.86	
	Lowest fifth percentile	425.00	7.49	4.29	79.07	0.05	0.05	0.05	158.10	0.04	0.00	0.00	0.19	270.80	1.48	241.16	7.38	8.29	0.34	0.42	71.35	67.00	29.01	28.51	0.20	0.20	
	# of values undetected	0	0	0	0	0	1	7	0	3	7	7	5	0	0	0.00	1	5	1	2	0	0	0	0	7	6	
	# of values between MDL and PQL	0	0	0	0	4	0	0	0	2	0	0	1	0	0	0.00	3	1	4	3	0	0	0	0	0	0	
	Chronic Aquatic Life Criteria			230					>20	NA		0.0052				87						150					
	Drinking Water Standards		>6.5 and <8.5	250	250	4			NA	0.2		10	500						6		10		2000		4		
MW03-06																											
	1/26/2004	280	7.2	2.57	41	0.061	0.05	0.05	112	0.408	0.0025	0.0025	0.82	216	2400	180.70	4060	10.3	2.37	1.33	245	18.8	78.9	10.1	0.637	0.2	
	4/15/2004	300	7.2	2.9	46.8	0.048	0.05	0.05	124	0.05	0.0025	0.0025	0.5	216	660	192.01	6300	13.5	4.19	1.07	402	9.91	80.9	9.4	0.47	0.2	
	7/21/2004	270	6.96	2.59	27.9	0.046	0.05	0.05	106	0.05	0.0025	0.0025	1	175	315	144.64	4910	10	2.88	0.506	308	4.9	43.9	3.42	0.31	0.2	
	10/13/2004	260	7.5	2.66	31.3	0.05	0.05	0.05	116	0.037	0.003	0.003	0.41	181	81	156.14	2030	7.53	2.32	1.33	134	11.1	23.8	7.33	0.364	0.2	
	4/20/2005	310	7.4	2.71	45.7	0.032	0.05	0.05	126	0.074	0.0025	0.0025	0.5	148	198	162.18	2580	6.38	1.89	0.727	163	8.9	28.6	6.9	0.2	0.2	
	11/10/2005			2.95	27.2	0.051	0.05	0.05	105	0.05	0.0025	0.0025	0.1	139	27.1	139.73	608	10	1.1	0.575	37.8	7.8	11.6	6.03	0.176	0.2	
	Mean	284.00	7.25	2.73	36.65	0.05	0.05	0.05	114.83	0.11	0.00	0.00	0.56	179.17	613.52	162.56	3414.67	9.62	2.46	0.92	214.97	10.24	44.62	7.20	0.36	0.20	
	St. Deviation	20.74	0.21	0.16	8.93	0.01	#DIV/0!	0.00	8.86	0.15	0.00	0.00	0.32	32.62	903.65	20.39	2072.15	2.48	1.04	0.37	130.52	4.70	29.23	2.41	0.17	0.00	
	# of values	5	5	6	6	6	1	6	6	6	6	6	6	6	6	6.00	6	6	6	6	6	6	6	6	6	6	
	Minimum	260	6.96	2.57	27.2	0.032	0.05	0.05	105	0.037	0.0025	0.0025	0.1	139	27.1	139.73	608	6.38	1.1	0.506	37.8	4.9	11.6	3.42	0.176	0.2	
	Maximum	310	7.5	2.95	46.8	0.061	0.05	0.05	126	0.408	0.003	0.003	1	216	2400	192.01	6300	13.5	4.19	1.33	402	18.8	80.9	10.1	0.637		

Rock Creek Groundwater Database

Station/sample id# and PQL Total/Diss Units	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW	Tin (5ug/L)		Titanium (5ug/L)	
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Silver Standard in ug/L	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in ug/L	Total	Diss	Total	Diss
MW03-04																									
	1/21/2004	447	423	2.84	2.61	2630	2850	0.5	0.5	14.58	2430	2360	0.225	0.222	1.07	0.5	10	10	1	1	238.36	2.5	2.5	71	71.1
	4/21/2004	701	292	4.11	1.76	2220	5400	0.5	0.5	15.62	2690	2460	0.221	0.221	2.09	0.318	10	10	7.75	2.15	246.57	0.5	0.5	96.5	90.7
	8/11/2004	239	264	3.28	3.84	2090	2520	0.5	0.5	13.93	2130	1880	0.219	0.214	0.5	0.829	10	10	2.5	2.5	233.01	0.5	0.5	46.2	64.5
	11/4/2004	227	225	3.2	2.84	2680	2720	0.5	0.5	12.79	2060	2010	0.205	0.209	0.5	0.5	10	10	2.5	2.5	223.48	0.5	0.5	63	58.7
	1/18/2005	246	219	2.47	3.03	2330	2010	0.5	0.5	13.68	2100	2060	0.226	0.228	0.5	0.5	10	10	2.5	2.5	230.97	0.5	0.5	14.1	13.8
	4/18/2005	228	240	2.5	2.09	2200	2200	0.5	0.5	14.53	2100	2210	0.214	0.22	0.5	0.5	10	10	2.5	2.5	237.95	0.5	0.5	50.4	44.2
	11/7/2005	205	248	2.3	2.5	2510	2630	0.5	0.5	14.43	2030	2110	0.213	0.208	0.5	0.5	10	10	2.5	2.99	237.11	0.5	0.5	103	52.5
	Mean	327.57	273.00	2.96	2.67	2410.00	2904.29	0.50	0.50	14.22	2220.00	2155.71	0.22	0.22	0.81	0.52	10.00	10.00	3.04	2.31	235.35	0.79	0.79	63.46	56.50
	St. Deviation	184.06	70.56	0.63	0.67	235.03	1139.02	0.00	0.00	0.88	246.17	202.39	0.01	0.01	0.60	0.15	0.00	0.00	2.15	0.63	7.19	0.76	0.76	30.60	23.95
	# of values	7	7	7	7	6	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	7.00	7	7	7	7
	Minimum	205	219	2.3	1.76	2090	2010	0.5	0.5	12.79	2030	1880	0.205	0.208	0.5	0.318	10	10	1	1	223.48	0.5	0.5	14.1	13.8
	Maximum	701	423	4.11	3.84	2680	5400	0.5	0.5	15.62	2690	2460	0.226	0.228	2.09	0.829	10	10	7.75	2.99	246.57	2.5	2.5	103	90.7
	Lowest fifth percentile	211.60	220.80	2.35	1.86	2122.50	2067.00	0.50	0.50	13.06	2039.00	1919.00	0.21	0.21	0.50	0.37	10.00	10.00	1.45	1.35	225.73	0.50	0.50	23.73	22.92
	# of values undetected	0	0	1	1	0	0	7	7	0.00	0	0	0	0	5	5	7	7	6	5	0.00	7	7	0	0
	# of values between MDL and PQL	6	7	6	6	0	0	0	0	0.00	0	0	0	0	0	2	0	0	0	2	0.00	0	0	0	0
	Chronic Aquatic Life Criteria			5	4.6			15.361	13.057										230.81	225.73					
	Drinking Water Standards			50				100			250000				2				5000						
MW03-05																									
	1/15/2004	599	713	1.64	4.21	3120	3090	0.5	0.444	17.79	5460	6130	0.262	0.266	0.5	2.82	10	10	1	26.1	262.87	2.5	2.5	77.9	79.1
	4/6/2004	711	722	2.5	2.5	2950	2990	0.5	0.5	15.33	4310	4400	0.244	0.254	0.5	0.5	10	10	1	4.14	244.30	2.5	2.5	50.2	50.9
	7/8/2004	693	585	2.5	2.5	3050	4010	0.5	0.5	16.63	5090	5170	0.262	0.262	0.5	0.5	10	10	9.11	1.71	254.32	0.5	0.5	89.7	86.5
	12/2/2004	596	540	2.5	2.5	3550	3810	0.5	0.5	18.12	6220	6360	0.262	0.259	0.5	0.5	10	10	2.5	2.5	265.29	0.5	0.5	69.5	27
	1/5/2005	533	535	2.5	2.5	1880	1850	0.5	0.5	21.02	5420	5370	0.278	0.288	0.5	0.5	10	10	1.59	2.11	285.39	0.5	0.5	48	51.7
	4/20/2005	623	620	2.5	2.5	2920	2910	0.5	0.5	16.52	5090	5130	0.244	0.239	0.5	0.5	10	10	2.5	2.5	253.45	0.5	0.5	55.8	51.2
	11/7/2005	532	561	2.5	2.5	3460	3550	0.5	0.5	20.82	5810	6000	0.288	0.276	0.5	0.5	10	10	2.5	1.88	284.06	0.5	0.5	94.9	52
	Mean	612.43	610.86	2.38	2.74	2990.00	3172.86	0.50	0.49	18.03	5342.86	5508.57	0.26	0.26	0.50	0.83	10.00	10.00	2.89	5.85	264.24	1.07	1.07	69.43	56.91
	St. Deviation	70.18	78.31	0.33	0.65	546.75	719.76	0.00	0.02	2.17	605.80	690.25	0.02	0.02	0.00	0.88	0.00	0.00	2.83	8.97	15.57	0.98	0.98	18.91	19.93
	# of values	7	7	7	7	7	7	7	7	7.00	7	7	7	7	7	7	7	7	7	7	7.00	7	7	7	7
	Minimum	532	535	1.64	2.5	1880	1850	0.5	0.444	15.33	4310	4400	0.244	0.239	0.5	0.5	10	10	1	1.71	244.30	0.5	0.5	48	27
	Maximum	711	722	2.5	4.21	3550	4010	0.5	0.5	21.02	6220	6360	0.288	0.288	0.5	2.82	10	10	9.11	26.1	285.39	2.5	2.5	94.9	86.5
	Lowest fifth percentile	532.30	536.50	1.90	2.50	2192.00	2168.00	0.50	0.46	15.69	4544.00	4619.00	0.24	0.24	0.50	0.50	10.00	10.00	1.00	1.76	247.05	0.50	0.50	48.66	34.17
	# of values undetected	0	0	6	6	0	0	7	6	0.00	0	0	0	0	7	6	7	7	5	2	0.00	7	7	0	0
	# of values between MDL and PQL	0	0	1	1	0	1	0	1	0.00	0	0	0	0	0	0	0	0	1	3	0.00	0	0	0	0
	Chronic Aquatic Life Criteria			5	4.6			18.449	15.682										252.61	247.05					
	Drinking Water Standards			50				100			250000				2				5000						
MW03-06																									
	1/26/2004	388	202	1.25	2.5	1830	5260	0.25	0.5	9.54	1340	2080	0.147	0.115	1.21	0.5	16.9	10	34.3	1	193.45	1.25	2.5	73.9	46.6
	4/15/2004	917	253	3.06	2.5	2320	6240	0.5	0.5	10.60	2660	2660	0.146	0.127	0.958	0.5	20.8	10	55.9	2.57	203.66	1.43	0.5	141	52.4
	7/21/2004	740	250	2.5	2.5	963	7090	0.5	0.5	6.51	2310	1370	0.109	0.105	0.5	0.5	9.83	10	31.4	2.5	160.20	0.5	0.5	86.6	25.6
	10/13/2004	597	255	2.5	2.5	2280	4700	0.5	0.5	7.42	2150	2030	0.121	0.12	0.5	0.5	10	10	15.9	2.5	170.93	0.388	0.5	73.5	25.1
	4/20/2005	669	238	2.09	2.5	2070	5170	0.5	0.5	7.92	2230	2140	0.124	0.126	0.5	0.5	10	10	13.3	2.5	176.51	0.5	0.5	99.9	41
	11/10/2005	325	263	2.5	2.5	2640	3590	0.5	0.5	6.13	1900	1900	0.11	0.108	0.5	0.5	10	10	2.85	1.68	155.58	0.694	0.5	48.7	33.2
	Mean	606.00	243.50	2.32	2.50	2017.17	5341.67	0.46	0.50	8.02	2098.33	2030.00	0.13	0.12	0.69	0.50	12.92	10.00	25.61	2.13	176.72	0.79	0.83	87.27	37.32
	St. Deviation	221.46	21.90	0.61	0.00	582.72	1214.90	0.10	0.00	1.74	446.02	415.69	0.02	0.01	0.31	0.00	4.76	0.00	18.92	0.65	18.76	0.44	0.82	31.31	11.23
	# of values	6	6	6	6	6	6	6	6	6.00	6	6	6	6	6	6	6	6	6	6	6.00	6	6	6	6
	Minimum	325	202	1.25	2.5	963	3590	0.25	0.5	6.13	1340	1370	0.109	0.105	0.5	0.5	9.83	10	2.85	1	155.58	0.388	0.5	48.7	25.1
	Maximum	917	263	3.06	2.5	2640	7090	0.5	0.5	10.60	2660	2660	0.147	0.127	1.21	0.5	20.8	10	55.9	2.57	203.66	1.43	2.5	141	52.4
	Lowest fifth percentile	340.75	211.00	1.46	2.50	1179.75	3867.50	0.31	0.50	6.23	1480.00	1502.50	0.11	0.11	0.50	0.50	9.87	10.00	5.46	1.17	156.74	0.42	0.50	54.90	25.23
	# of values undetected	0	1	4	6	0	0	6	6	0.00	0	0	0	0	5	6	3	6	0	4	0.00	3	6	0	0
	# of values between MDL and PQL	1	5	2	0	0	0	0	0	0.00	0	0	0	0	1	0	2	0	1	2	0.00	2	0	0	0
	Chronic Aquatic Life Criteria			5	4.6																				

Rock Creek Groundwater Database

Station/sample id# and PQL	Date	Cadmium (.1ug/L)		DEC FW Chronic- Cadmium	Calcium (2mg/L)		Chromium (1ug/L)		Cobalt (4ug/L)		Copper (1ug/L)		DEC FW Chronic- Copper	Iron (.04mg/L)		Lead (.2ug/L)		DEC Chronic- Lead	Magnesium (.2mg/L)		Manganese (1ug/L)		Mercury (1ng/L)	Molybdenum (10ug/L)		Nickel (2ug/L)		DEC Chronic- Nickel	Phosphorus (30ug/L)		
		Total	Diss	Standard in	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Standard	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Standard in	Total	Diss
MW03-07																															
	1/28/2004	0.05	0.05	0.45	66	63.3	0.793	4.72	2	2	0.872	0.806	18.94	0.922	0.679	0.43	0.1	6.44	18.3	16.9	76.3	56.8	0.5	5	5	2.92	1.88	109.15	15	14.6	
	5/6/2004	0.117	0.25	0.43	62.4	65.4	0.921	0.5	2	2	1.26	0.35	17.83	1.03	0.697	0.446	0.1	5.98	16.5	17.3	66.1	59.6	0.5	6.49	5	2.9	2.3	102.82	100	100	
	8/5/2004	0.25	0.25	0.43	63.4	62.3	0.5	0.5	2	2	0.409	0.639	18.05	0.742	0.683	0.324	0.129	6.07	16.7	16.3	65.5	65.2	0.5	5	5	1.06	1.18	104.11	100	100	
	12/2/2004	0.25	0.25	0.45	66.1	65.4	2.72	0.5	2	2	0.506	0.735	18.84	0.749	0.694	0.229	0.069	6.40	17.9	17.7	59.1	57.6		5	5	2.42	1.99	108.62	100	100	
	1/18/2005	0.25	0.25	0.46	67	66.8	1.64	1.68	2	2	0.314	0.5	19.38	0.979	0.755	0.302	0.1	6.63	19.3	19.2	52.4	54		5	5	1.27	1.28	111.69	100	100	
	4/18/2005	0.25	0.25	0.45	65.8	64	0.913	0.5	2	2	0.5	0.5	18.79	0.721	0.723	0.321	0.323	6.38	17.9	17.7	51.1	56.8		5	5	1.7	1.85	108.33	100	100	
Mean		0.19	0.22	0.45	65.12	64.53	1.25	1.40	2.00	2.00	0.64	0.59	18.64	0.86	0.71	0.34	0.14	6.32	17.77	17.52	61.75	58.33	0.50	5.25	5.00	2.05	1.75	107.45	85.83	85.77	
St. Deviation		0.09	0.08	0.01	1.79	1.64	0.81	1.69	0.00	0.00	0.36	0.17	0.58	0.14	0.03	0.08	0.09	0.24	1.04	0.98	9.51	3.82	0.00	0.61	0.00	0.82	0.43	3.34	34.70	34.86	
# of values		6	6	6.00	6	6	6	6	6	6	6	6	6.00	6	6	6	6	6.00	6	6	6	6	3	6	6	6	6	6.00	6	6	
Minimum		0.05	0.05	0.43	62.4	62.3	0.5	0.5	2	2	0.314	0.35	17.83	0.721	0.679	0.229	0.069	5.98	16.5	16.3	51.1	54	0.5	5	5	1.06	1.18	102.82	15	14.6	
Maximum		0.25	0.25	0.46	67	66.8	2.72	4.72	2	2	1.26	0.806	19.38	1.03	0.755	0.446	0.323	6.63	19.3	19.2	76.3	65.2	0.5	6.49	5	2.92	2.3	111.69	100	100	
Lowest fifth percentile		0.07	0.10	0.43	62.65	62.55	0.57	0.50	2.00	2.00	0.34	0.39	17.88	0.73	0.68	0.25	0.08	6.00	16.55	16.45	51.43	54.70	0.50	5.00	5.00	1.11	1.21	103.14	36.25	35.95	
# of values undetected		5	6	6.00	0	0	1	4	6	6	1	2	0.00	0	0	0	3	0.00	0	0	0	0	3	5	6	0	0	0.00	6	5	
# of values between MDL and PQL		1	0	0.00	0	0	3	0	0	0	4	4	0.00	0	0	0	2	0.00	0	0	0	0	0	1	0	3	5	0.00	0	1	
Chronic Aquatic Life Criteria		0.4929	0.43139					11			18.6288	17.8837		1	1	8.915	6.00013					770				103.45	103.14				
Drinking Water Standards		5					100				1000			0.3						50		2000				100					

Notes: Cyanide drinking water standard is

Rock Creek Groundwater Database

Station/sample id# and PQL	Date	Potassium (500ug/L)		Selenium (5ug/L)		Silicon		Silver (1ug/L)		DEC FW	Sodium (500ug/L)		Strontium (.01mg/L)		Thallium (1ug/L)		Vanadium (20ug/L)		Zinc (2ug/L)		DEC FW	Tin (5ug/L)		Titanium (5ug/L)	
		Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Silver Standard in ug/L	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Total	Diss	Acute-Zinc in ug/L	Total	Diss	Total	Diss
Total/Diss Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L	ug/L	ug/L
MW03-07																									
	1/28/2004	980	763	2.5	2.5	3950	5100	0.5	0.5	15.58	20800	16400	0.295	0.26	0.5	0.5	10	10	3.04	1	246.23	2.5	2.5	86.4	68.6
	5/6/2004	932	1370	1.9	2.5	4530	4790	0.5	0.5	13.79	3910	4670	0.291	0.302	0.511	0.5	10	10	3.47	7.02	231.91	1.49	0.5	81.4	67.3
	8/5/2004	877	898	2.5	2.5	3870	3810	0.5	0.5	14.15	3460	3450	0.259	0.263	0.5	0.5	10	10	2.5	1.8	234.82	0.5	0.5	44.2	47.5
	12/2/2004	834	835	2.5	2.5	4360	4540	0.5	0.5	15.42	2710	2760	0.268	0.266	0.5	0.5	10	10	1.86	3.56	245.02	0.5	0.5	69.7	22.3
	1/18/2005	763	794	2.5	2.5	4020	3460	0.5	0.5	16.32	2390	2520	0.299	0.3	0.5	0.5	10	10	2.5	2.71	251.96	0.5	0.5	14	13.6
	4/18/2005	728	797	2.5	2.5		3440	0.5	0.5	15.34	2230	2500	0.266	0.274	0.5	0.5	10	10	2.5	2.5	244.36	0.5	0.5	38.4	43.5
Mean		852.33	909.50	2.40	2.50	4146.00	4190.00	0.50	0.50	15.10	5916.67	5383.33	0.28	0.28	0.50	0.50	10.00	10.00	2.65	3.10	242.38	1.00	0.83	55.68	43.80
St. Deviation		96.98	230.30	0.24	0.00	284.48	714.20	0.00	0.00	0.95	7319.66	5459.08	0.02	0.02	0.00	0.00	0.00	0.00	0.55	2.11	7.54	0.84	0.82	28.18	22.61
# of values		6	6	6	6	5	6	6	6	6.00	6	6	6	6	6	6	6	6	6	6	6.00	6	6	6	6
Minimum		728	763	1.9	2.5	3870	3440	0.5	0.5	13.79	2230	2500	0.259	0.26	0.5	0.5	10	10	1.86	1	231.91	0.5	0.5	14	13.6
Maximum		980	1370	2.5	2.5	4530	5100	0.5	0.5	16.32	20800	16400	0.299	0.302	0.511	0.5	10	10	3.47	7.02	251.96	2.5	2.5	86.4	68.6
Lowest fifth percentile		736.75	770.75	2.05	2.50	3886.00	3445.00	0.50	0.50	13.88	2270.00	2505.00	0.26	0.26	0.50	0.50	10.00	10.00	2.02	1.20	232.64	0.50	0.50	20.10	15.78
# of values undetected		0	0	5	6	0	0	6	6	0.00	0	0	0	0	5	6	6	6	3	2	0.00	5	6	0	0
# of values between MDL and PQL		0	0	1	0	0	0	0	0	0.00	0	0	0	0	1	0	0	0	2	3	0.00	0	0	0	0
Chronic Aquatic Life Criteria				5	4.6			16.33	13.88										237.87	232.64					
Drinking Water Standards				50				100			250000				2				5000						

Notes: Cyanide drinking water standard is