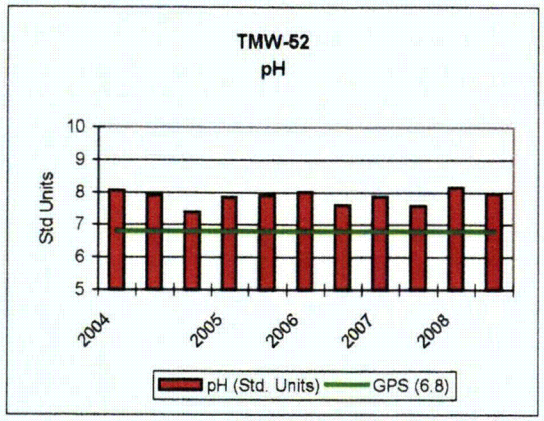
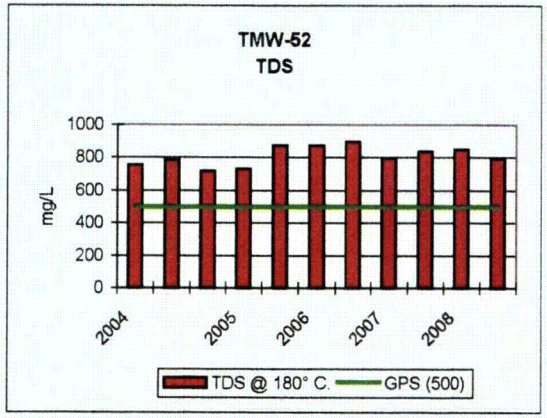
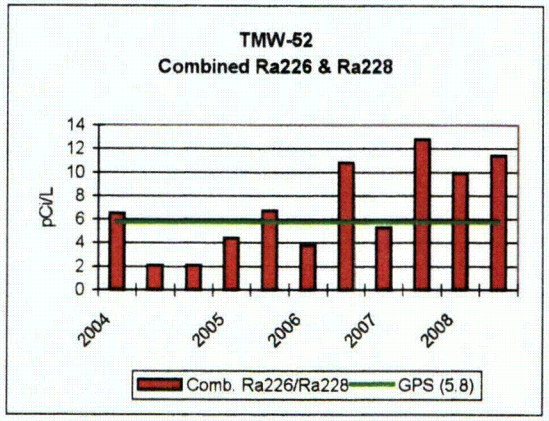
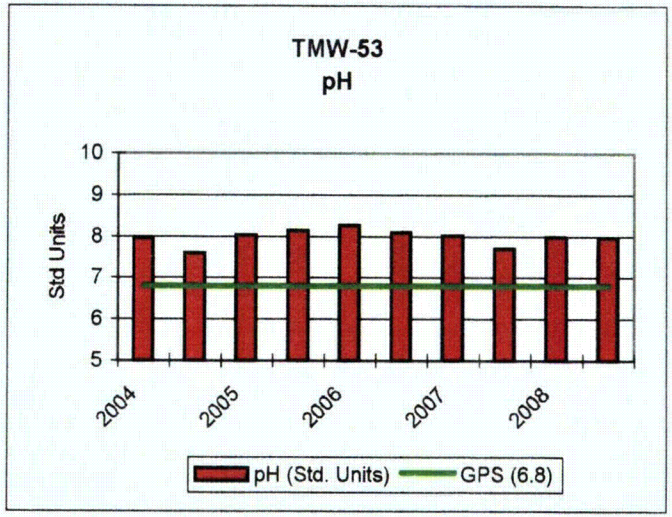
KENNECOTT URANIUM COMPANY												
TMW 52		2004			2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	3/11/2004	9/14/2004	3/2/2005	12/16/2005	3/1/2006	9/6/2006	2/28/2007	9/5/2007	3/17/2008	9/23/2008
TDS A/C Balance *(dec. %)*		0.88	1.05	1.01	1.01	0.99	1	1.02	0.96	0.95	2.63	-1.05
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		153	154	147	147	152	158	160	140	159	159	146
Arsenic (As)	GPS (.05)	<0.002	<0.002	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		206	172	164	167	210	203	201	187	206	204	178
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		15.1	15.9	13	15	16	19	19	18	19	17	17
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1050	1060	973	1030	1180	1150	1240	1100	1170	1120	1080
Cond-Field *(umhos/cm)*		800	700	660	680	760	740	1100	1032	1071	1063	983
Fluoride (F)		0.1	0.2	0.2	0.2	0.1	0.1	<0.1	0.1	0.2	0.1	<0.1
Iron (Fe)	GPS (0.6)	0.459	0.409	0.44	0.31	0.22	0.18	0.19	0.18	0.27	0.13	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	3.3	2.5	2.6	3	2.6	3.6	2.3	2.7	5.1	4.9	4.3
Bicarbonate (HCO3)		187	188	179	180	186	192	195	171	194	194	178
Mercury (Hg)		<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		7.9	3.8	3.5	4.1	4.1	4	4.1	4.5	4.1	4.5	3.6
Magnesium (Mg)		14.4	12.7	11.8	12	14.6	13.7	12.8	12.9	13.7	13.2	12.3
Manganese (Mn)	GPS (0.2)	0.1	0.1	0.1	0.09	0.12	0.11	0.12	0.11	0.12	0.15	0.11
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		54.8	53.4	49.6	49.5	51.7	53.5	54.6	54	53.3	52.9	46
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.05	7.92	7.38	7.86	7.91	8.01	7.62	7.87	7.59	8.15	7.97
pH (Field) *(Std. Units)*		8.3	7.2	7.3	7.1	7.23	7.43	7.31	7.52	7.4	7.5	7.4
Radium 226 *(pCi/L)*		3.7	2.1	2.1	2.3	2.6	2.3	2.8	3.2	3.6	2.9	2.5
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	6.5	2.1	2.1	4.4	6.7	3.8	10.8	5.3	12.8	9.9	11.4
Radium 228 *(pCi/L)*		2.8	<1	<1	2.1	4.1	1.5	8	2.1	9.2	7	8.9
Selenium (Se)	GPS (.01)	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		16.5	15.2	14	15	17	17	17	17	17	19	18.9
Sulfate (SO4)		471	398	369	371	480	464	480	452	471	447	424
TDS @ 180° *C.*	**GPS (500)**	754	786	720	732	875	872	898	796	838	850	794
Temperature *(C)*		8	8	14	13	9.6	9.9	14.2	9.2	9.9	9.3	10.4
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	6.3	6.2	6.2	5.2	3.5	3.9	3.3	3.7	3.5	2.9	17
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

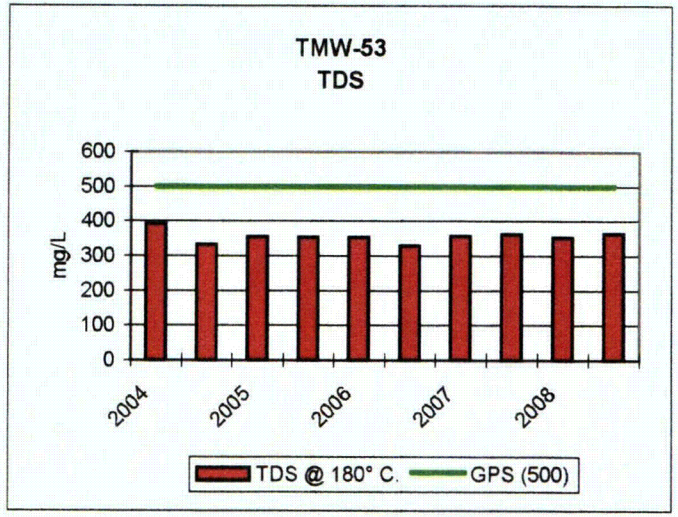

TMW-52
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-52
TDS
mg/L
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

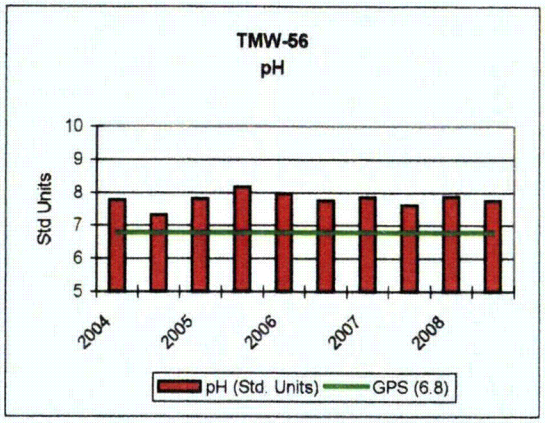

TMW-52
Combined Ra226 & Ra228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

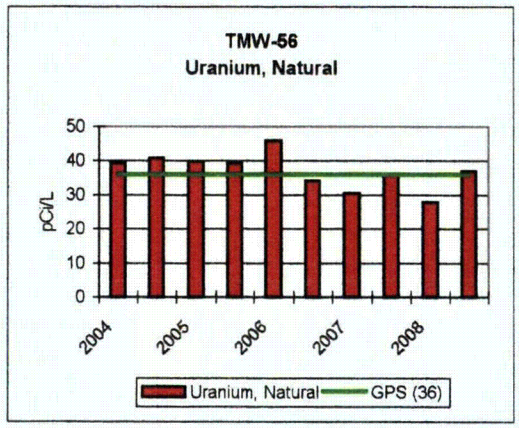
KENNECOTT URANIUM COMPANY											
TMW-53		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/9/2004	9/14/2004	3/2/2005	12/16/2005	3/1/2006	9/5/2006	2/28/2007	9/5/2007	3/17/2008	9/23/2008
TDS A/C Balance *(dec. %)*		1.07	0.92	0.98	0.95	0.98	0.91	0.92	0.93	1.91	1.92
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		102	103	99	100	105	110	103	107	107	100
Arsenic (As)	GPS (.05)	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.002
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		80	72.7	73.7	75.8	72.2	70.3	76.6	78.6	67.3	76.6
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10.5	5	6	5	7	5	8	6	5	6
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		557	535	560	556	543	592	563	540	711	546
Cond-Field *(umhos/cm)*		440	380	400	430	420	507	529	517	515	503
Fluoride (F)		0.1	0.2	0.2	0.2	0.2	<0.1	0.2	0.2	0.2	0.1
Iron (Fe)	GPS (0.6)	0.308	0.12	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.4	1.7	<1	<1	1.1	<1	<1	1.4	1.6	2
Bicarbonate (HCO3)		124	125	121	122	128	134	126	130	131	122
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		2.8	2.3	3.1	2.5	2.3	2.5	2.9	2.6	2.8	2.3
Magnesium (Mg)		3.7	3.4	3.4	3.7	3.4	3.1	3.6	3.7	2.8	3.6
Manganese (Mn)	GPS (0.2)	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		39.7	41.1	40.6	39.6	42	39.9	43.1	41.6	41	37.6
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.96	7.6	8.04	8.15	8.27	8.11	8.03	7.71	8	7.98
pH (Field) *(Std. Units)*		7.3	7.9	7.1	7.53	7.57	7.36	7.45	7.4	7.8	7.7
Radium 226 *(pCi/L)*		1	0.5	1.3	0.7	1.6	0.7	1.2	0.5	1.1	1.2
Combined Ra226/228 *(pCi/L)*	GPS (5.8)	1	0.5	2.6	0.7	1.6	0.7	1.2	3.3	4.3	3.2
Radium 228 *(pCi/L)*		<1	<1	1.3	<1	<1	<1	<1	2.8	3.2	2
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		15.6	14	15	16	15	15	15	15	15	19
Sulfate (SO4)		169	160	162	170	157	162	180	178	160	164
TDS @ 180° *C.*	**GPS (500)**	394	333	355	354	354	330	358	364	354	366
Temperature *(C)*		8	14	13	6.3	9.8	13.6	9	10.4	9.4	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	0.5	1.6	0.5	0.4	0.7	0.9	0.3	1	0.3	18.9
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01

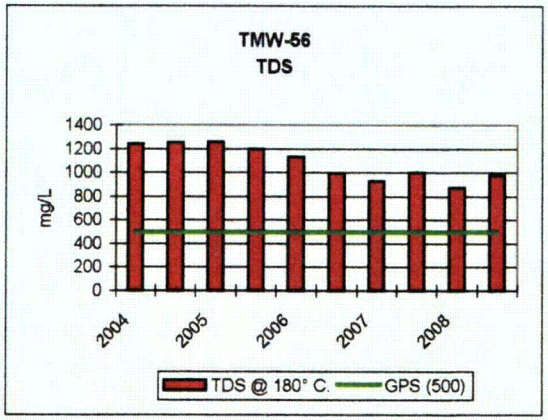

TMW-53
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

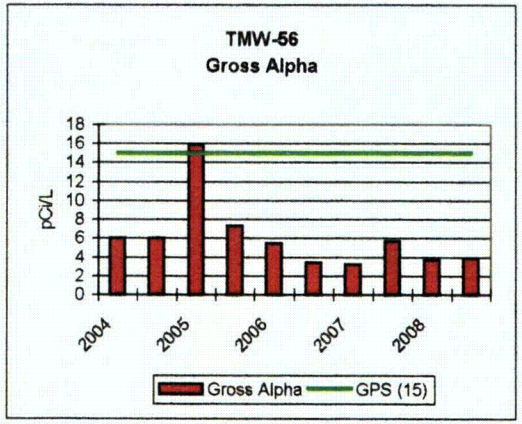

TMW-53
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

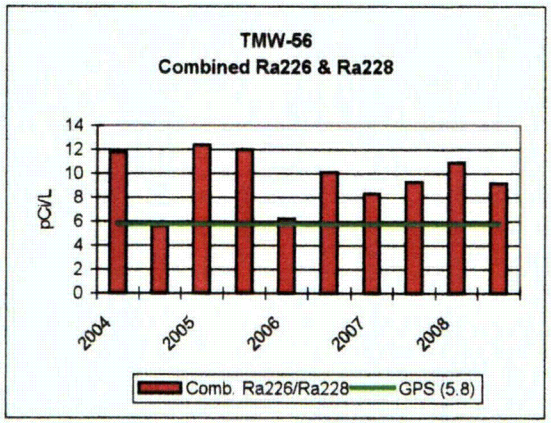
KENNECOTT URANIUM COMPANY											
TMW-56		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/11/2004	9/15/2004	3/2/2005	12/22/2005	3/2/2006	9/11/2006	2/28/2007	9/17/2007	3/12/2008	9/30/2008
TDS A/C Balance *(dec. %)*		1.09	1.07	1.06	1.08	1.03	0.98	0.98	0.97	3.93	4.22
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		91.9	92	90	90	100	91	90	95	98	90
Arsenic (As)	GPS (.05)	0.02	0.021	0.02	0.022	0.016	0.017	0.019	0.018	0.017	0.017
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		267	280	283	239	256	229	209	218	193	230
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		40.9	35	46	46	43	36	31	36	33	34
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1530	1450	1600	1510	1450	1410	1240	1380	1220	1290
Cond-Field *(umhos/cm)*		920	800	980	970	940	1217	1158	1212	1150	1165
Fluoride (F)		0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Iron (Fe)	GPS (0.6)	0.093	0.12	0.13	0.13	<0.05	<0.05	0.05	<0.05	0.08	0.07
Gross Alpha *(pCi/L)*	**GPS (15)**	6	6	15.9	7.3	5.5	3.4	3.2	5.7	3.7	3.9
Bicarbonate (HCO3)		112	113	110	110	122	111	110	116	119	110
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.8	4.7	5.5	4.6	4.6	4.5	4.8	4.7	4.6	4.6
Magnesium (Mg)		21.1	21.1	22	19	21.3	18.5	17.3	18.6	15.3	18.2
Manganese (Mn)	GPS (0.2)	0.14	0.14	0.14	0.14	0.13	0.13	0.1	0.11	0.1	0.11
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		59.6	59.9	59.4	50.4	58.8	56.1	53.5	54.6	50	55
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.77	7.33	7.81	8.17	7.97	7.75	7.86	7.61	7.87	7.76
pH (Field) *(Std. Units)*		7.4	7.5	6.7	7.39	7.43	7.21	7.09	7.4	7.5	7.4
Radium 226 *(pCi/L)*		4.1	2.4	5.9	3.6	3.6	2.5	4.7	2.7	3.4	2.4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	11.8	5.6	12.4	12	6.2	10.1	8.3	9.3	10.9	9.2
Radium 228 *(pCi/L)*		7.7	3.2	6.5	8.4	2.6	7.6	3.6	6.6	7.5	6.8
Selenium (Se)	GPS (.01)	0.002	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		9.1	9	9	10	10	10	10	9	9	11.3
Sulfate (SO4)		691	705	716	683	651	609	567	629	546	551
TDS @ 180° C.	**GPS (500)**	1240	1250	1260	1200	1130	996	928	1000	873	980
Temperature *(C)*		8	11	12	9.1	11.2	13.3	9.2	10.9	9.1	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.1	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	39.4	40.9	39.8	39.4	45.9	34.2	30.5	36.2	27.9	37
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01


TMW-56
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

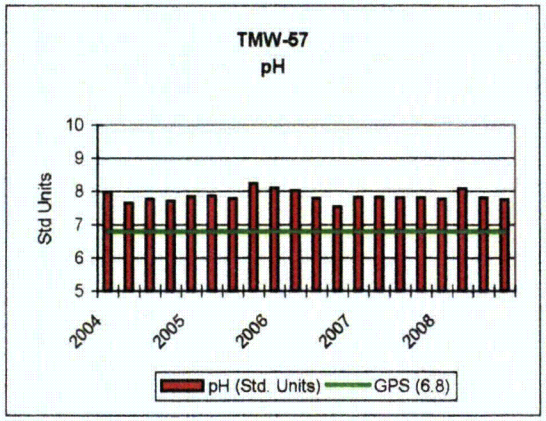

TMW-56
Uranium, Natural
pCi/L
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

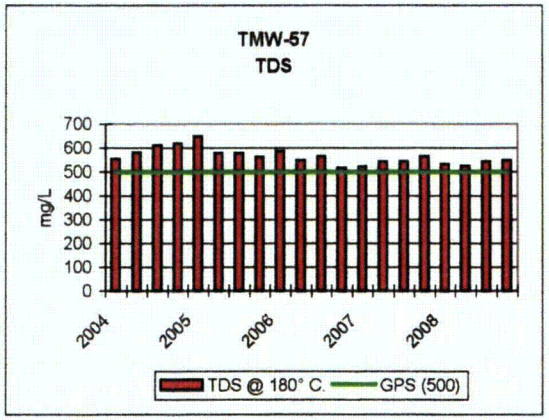

TMW-56
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

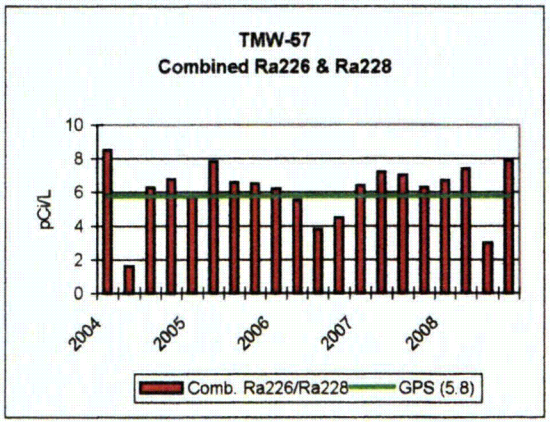

TMW-56
Gross Alpha
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Gross Alpha
GPS (15)


TMW-56
Combined Ra226 & Ra228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY																					
TMW-57		2004				2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/5/2004	4/5/2004	7/12/2004	10/7/2004	1/5/2005	4/6/2005	7/11/2005	11/8/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006	2/12/2007	4/4/2007	7/22/2007	10/1/2007	1/13/2008	4/23/2008	7/28/2008	10/14/2008
TDS A/C Balance *(dec. %)*		0.96	0.99	1.02	0.99	1.09	0.98	0.99	0.99	1.02	0.98	0.99	0.94	0.94	1	0.96	1.07	0.006	0.557	3.26	2.76
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		107	106	108	109	122	107	109	110	108	115	104	109	112	111	110	116	111	109	112	109
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		135	134	130	140	129	128	132	125	126	123	119	122	120	122	121	111	116	124	115	125
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		9.4	14	15	17	13	15	13	12	13	15	19	14	14	14	14	17	14	13	13	12
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.007	0.01	0.005	0.005	0.007	0.004	0.004	0.004	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		844	849	816	842	846	866	861	828	812	790	806	789	786	792	798	814	785	768	788	775
Cond-Field *(umhos/cm)*		700	680	720	580	840	620	600	550	650	540	774	766	750	746	773	762	736	755	778	721
Fluoride (F)		0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	<0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	0.442	<0.05	<0.05	0.11	0.09	0.4	0.21	0.48	<0.05	0.09	0.06	<0.05	0.09	<0.05	<0.05	0.06	0.06	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	3.5	3	2.1	1.3	2.9	1.6	5.4	2.7	2.7	3.8	<1	2.4	2.2	2.6	2.7	3.9	4.3	3.1	2.6	2.1
Bicarbonate (HCO3)		131	129	132	133	149	131	133	134	131	140	126	132	137	135	140	141	136	133	136	133
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.2	3.9	3	3.4	3.2	3.5	3.2	3.1	3.1	3.1	3.2	3.2	3.4	3.5	3.3	3.6	3.4	3.3	2.5	3.2
Magnesium (Mg)		9.9	10.2	10	10.2	9.6	8.8	9.6	9.2	9.5	8.7	8.2	8.8	8.6	8	8.8	7.5	9	9.2	6.5	8.7
Manganese (Mn)	GPS (0.2)	0.13	0.15	0.12	0.13	0.12	0.1	0.11	0.111	0.11	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.1	0.09	0.09
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		41	41.5	43	46	42.3	38.2	42.4	42.9	41.8	40.3	42.5	41.8	41.4	39.8	42.2	39.3	39.9	40.2	39.9	39.2
Nickel (Ni)	GPS (.01)	<0.01	0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	GPS (6.8)	7.99	7.66	7.77	7.72	7.85	7.87	7.79	8.24	8.11	8.03	7.8	7.53	7.83	7.84	7.82	7.81	7.77	8.09	7.82	7.75
pH (Field) *(Std. Units)*		6.9	6.8	7.1	6.9	6.7	6.8	6.8	7.06	7.38	7.5	7.39	7.36	7.68	7.67	7.7	7.5	7.9	7.4	7.4	7.4
Radium 226 *(pCi/L)*		2	1.6	2.6	1.9	1.8	2.1	2.2	2.3	2.5	1.6	1.5	1.7	1.9	2.3	3	1.6	2.4	2.1	1.9	2.3
Combined Ra226/228 *(pCi/L)*	GPS (5.8)	8.5	1.6	6.3	6.8	5.7	7.8	6.6	6.5	6.2	5.5	3.8	4.5	6.4	7.2	7	6.3	6.7	7.4	3	7.9
Radium 228 *(pCi/L)*		6.5	<1	3.7	4.9	3.9	5.7	4.4	4.2	3.7	3.9	2.3	2.8	4.5	4.9	4	4.7	4.3	5.3	1.1	5.6
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		14	13.5	14	15	15	14	15	15	14	15	16	14	14	16	13	15	16	8	7	17.7
Sulfate (SO4)		315	320	316	329	312	316	306	294	302	287	298	279	286	274	297	265	276	302	289	275
TDS @ 180° C.	GPS (500)	554	581	610	618	648	578	578	563	586	550	564	516	522	544	542	566	532	523	542	550
Temperature *(C)*		6	14	20	12	8	13	19	8.8	9	12.3	17.9	13.8	8.4	12.5	15	15.1	7.1	14.6	17.8	12.6
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.1	0	0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	5.9	6.6	4.8	4.9	4.5	4.5	4.3	4.1	5.6	4.1	3.4	3.7	3.9	3.7	3.8	3.6	3.4	3.7	3.4	3.4
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.02	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

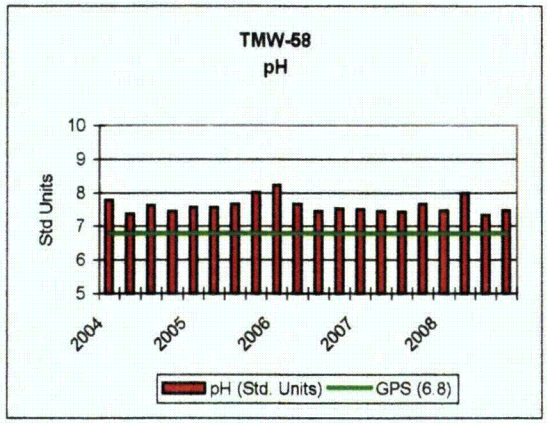

TMW-57
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

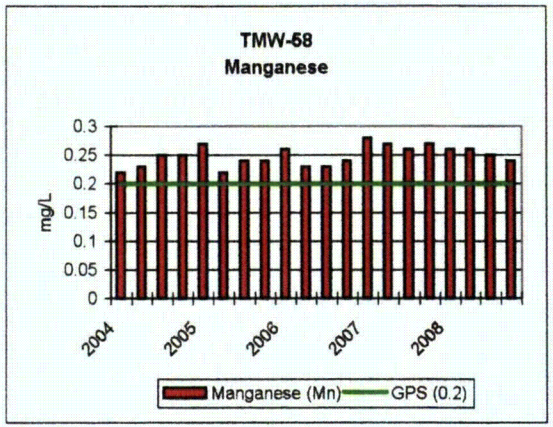

TMW-57
TDS
mg/L
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

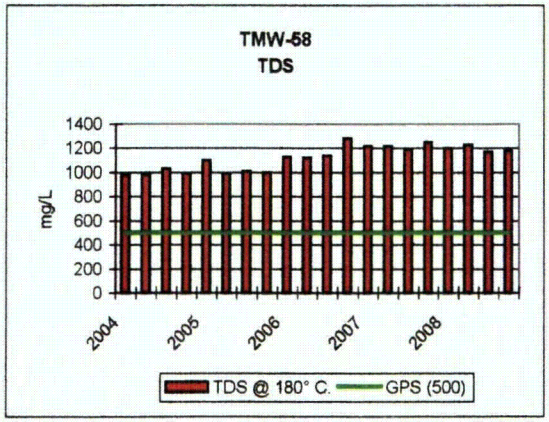

TMW-57
Combined Ra226 & Ra228
pCi/L
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

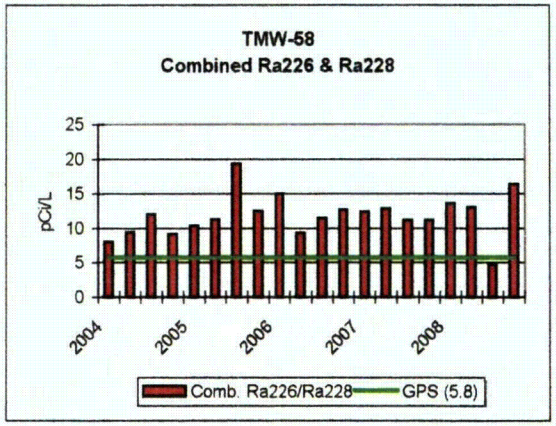
Graphs

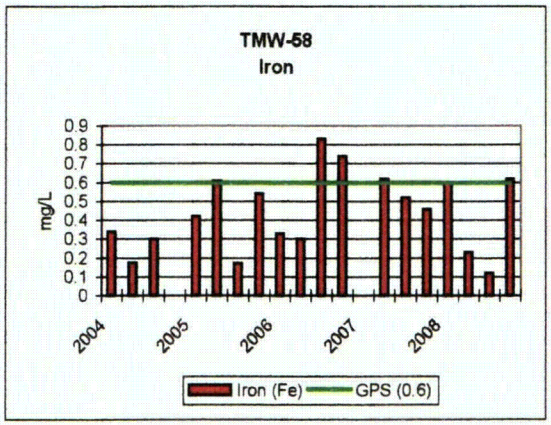
KENNECOTT URANIUM COMPANY																					
TMW-58		2004				2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/5/2004	4/5/2004	7/12/2004	10/7/2004	1/5/2005	4/6/2005	7/11/2005	11/8/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006	2/12/2007	4/4/2007	7/22/2007	10/1/2007	1/13/2008	4/23/2008	7/28/2008	10/14/2008
TDS A/C Balance *(dec. %)*		0.94	1.02	1.03	1.03	1.09	0.99	1.07	0.99	1.11	1.01	1.05	1.11	0.98	1.07	0.98	1.11	4.29	0.024	2.75	-1.05
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		156	163	158	154	167	161	161	165	180	189	192	201	194	198	200	202	194	182	192	190
Arsenic (As)	GPS (.05)	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		242	229	228	224	235	227	220	230	238	246	253	277	290	268	281	255	255	296	276	278
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		51	28.8	29	28	28	33	35	32	31	40	36	38	44	39	40	41	40	46	39	34
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.006	0.005	0.008	0.008	0.008	0.004	0.004	0.004	0.006	0.003	0.002	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1310	1320	1270	1310	1370	1360	1350	1360	1420	1420	1510	1530	1610	1610	1570	1680	1590	1580	1560	1590
Cond-Field *(umhos/cm)*		1040	900	1800	800	1240	820	820	840	1020	920	1384	1475	1498	1492	1512	1464	1418	1521	1508	1416
Fluoride (F)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	<0.1	0.1	0.1
Iron (Fe)	**GPS (0.6)**	0.34	0.175	0.3	<0.05	0.42	0.61	0.17	0.54	0.33	0.3	0.83	0.74	<0.05	0.62	0.52	0.46	0.6	0.23	0.12	0.62
Gross Alpha *(pCi/L)*	GPS (15)	5.3	5.6	4.5	2.8	5.4	3.5	11.5	8	5	5.5	5.7	5.1	4.8	4.3	4.7	7.7	9.4	7.2	3.9	2.9
Bicarbonate (HCO3)		190	199	193	188	204	197	196	201	220	230	234	246	237	242	240	246	236	222	234	231
Mercury (Hg)		<0.0004	<0.0004	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5	5.3	4	4.2	4.3	4.4	3.9	4.4	4	4.7	4.4	4.5	5	4.5	4.7	5.2	4.8	4.8	3.2	4.5
Magnesium (Mg)		24	19.2	20	19.6	20.6	18.2	19.1	20	20.7	22	19.4	22.4	24	22.1	22.8	19.9	19	24.1	18.6	21.8
Manganese (Mn)	**GPS (0.2)**	0.22	0.23	0.25	0.25	0.27	0.22	0.24	0.24	0.26	0.23	0.23	0.24	0.28	0.27	0.26	0.27	0.26	0.26	0.25	0.24
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		50	52.2	55	54.9	54.2	45.3	54.8	55.4	54.4	53.2	58.2	60.3	61.2	58.1	61	58.9	55.2	59	58.6	57
Nickel (Ni)	GPS (.01)	<0.01	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.6	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.78	7.38	7.62	7.46	7.56	7.57	7.66	8.01	8.23	7.67	7.45	7.53	7.51	7.46	7.44	7.67	7.47	7.99	7.33	7.48
pH (Field) *(Std. Units)*		6.4	6.4	6.6	6.6	6.5	6.6	6.5	7.04	6.99	7.26	7	6.99	7.28	7.26	7.1	7.1	7.2	7.1	7	7
Radium 226 *(pCi/L)*		3.2	3	4.5	3.2	2.6	2.2	6.5	5	3.8	3.2	3	4	4.4	4.3	3.8	0.9	4.6	3.5	3.4	2.9
Combined Ra226/228 *(pC*	**GPS (5.6)**	8	9.4	12	9.1	10.4	11.3	19.3	12.5	15	9.3	11.5	12.7	12.4	12.9	11.2	11.2	13.6	13.1	4.8	16.4
Radium 228 *(pCi/L)*		4.8	6.4	7.5	5.9	7.8	9.1	12.8	7.5	11.2	6.1	8.5	8.7	8	8.6	7.4	10.3	9	9.6	1.4	13.5
Selenium (Se)	GPS (.01)	0.002	0.003	0.003	0.003	0.003	0.001	0.001	0.001	0.001	<0.001	<0.001	0.001	0.003	<0.001	0.001	0.001	<0.001	0.004	0.001	<0.001
Silica (SiO2)		16	14.2	15	15	15	14	14	15	14	17	16	16	15	15	14	16	16	7	7	17.1
Sulfate (SO4)		573	530	550	523	554	561	503	554	549	613	587	615	685	614	673	608	642	697	673	669
TDS @ 180° C.	**GPS (500)**	978	982	1030	992	1100	993	1010	1000	1130	1120	1140	1280	1220	1220	1190	1250	1200	1230	1170	1180
Temperature *(C)*		6	17	28	12	8	13	23	9.7	8.5	13	23.5	16.2	7.7	14.7	21.7	18.9	7	13.2	17.3	12.2
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	15.4	14.9	15.7	14.4	16.5	13.2	15.1	13.1	16.2	11.8	11.6	12.4	18.1	14	13.7	13.3	13.1	18	12.4	11.4
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Zinc (ZN)		0.01	0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.02	<0.01	0.02	<0.01	<0.01


TMW-58
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-58
Manganese
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

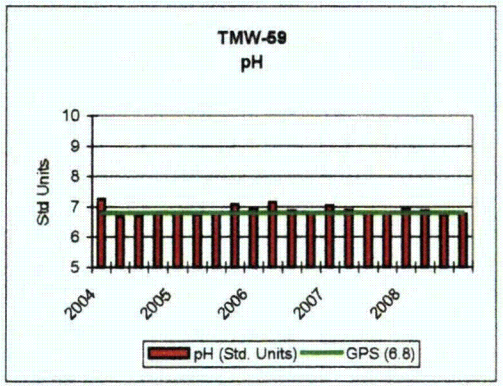

TMW-58
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

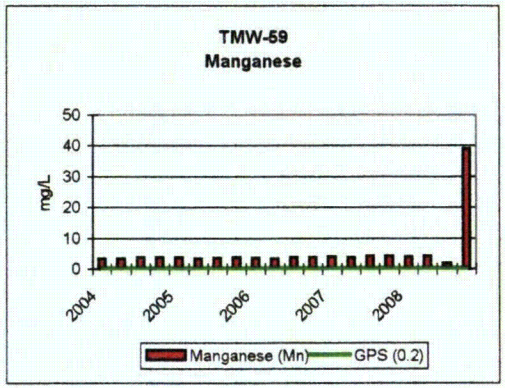

TMW-58
Combined Ra226 & Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

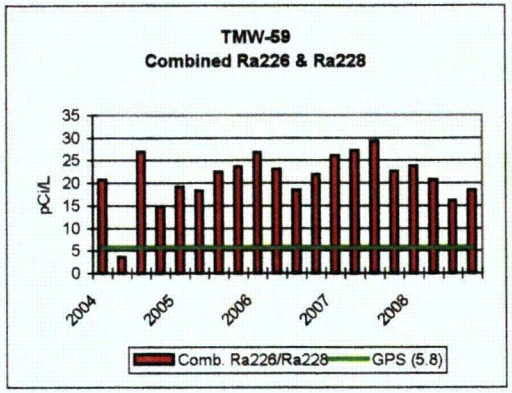

TMW-58
Iron
mg/L
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

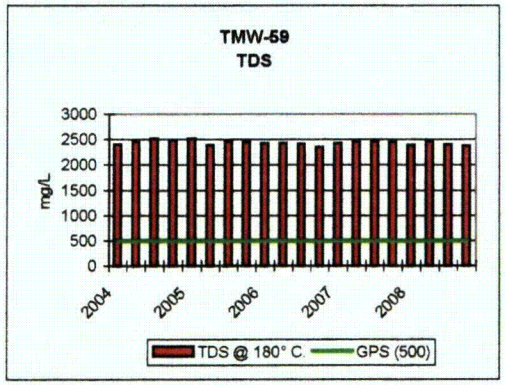
Graphs

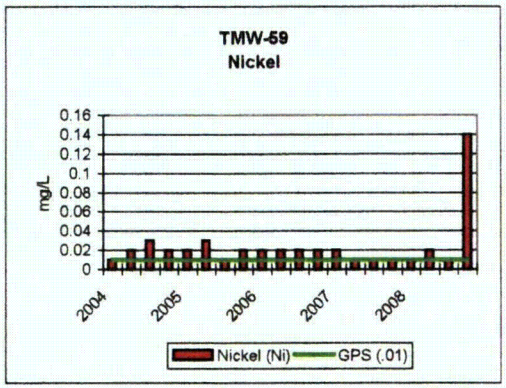
KENNECOTT URANIUM COMPANY																					
TMW-59		2004				2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/5/2004	4/6/2004	7/12/2004	10/7/2004	1/5/2005	4/6/2005	7/11/2005	11/7/2005	1/11/2006	4/10/2006	7/3/2006	10/5/2006	1/25/2007	4/11/2007	7/22/2007	10/1/2007	1/13/2008	4/14/2008	7/30/2008	10/14/2008
TDS A/C Balance *(dec. %)*		0.93	1.03	1.08	1.06	1.09	1.07	1.06	1.12	1.15	1.01	1.1	1.03	1.03	1.06	1.09	1.11	2.1	0.189	2.75	-4.72
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		275	310	244	251	244	246	257	305	262	305	246	231	318	302	280	256	274	232	280	250
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.003
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3
Boron (B)		0.12	<0.1	0.1	0.1	<0.1	0.1	<0.1	0.1	0.1	0.1	<0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	0.7	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		594	564	513	538	530	491	518	465	489	548	480	521	532	531	497	481	473	510	502	496
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		132	96.1	91	94	95	91	88	82	80	96	78	82	88	90	87	87	82	90	76	80
Cyanide (CN)		<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.13	0.13	<0.01	0.013	0.013	0.013	0.012	0.014	0.013	0.11	0.012	0.012	0.012	0.013	0.013	0.013	0.012	0.012	0.012	0.104
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	ND
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Cond *(umhos/cm)*		2880	2810	2780	3240	2740	2790	2780	2850	2750	2800	2820	2810	2780	2840	2830	2980	2840	2750	2790	2820
Cond-Field *(umhos/cm)*		1680	1360	1700	1260	240	1660	1340	1530	1720	1450	307	290	296	300	300	291	2920	2880	2940	2800
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	<0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Iron (Fe)	**GPS (0.6)**	56	43.5	45.1	38	45.6	47.2	45.9	45.6	42.4	48.4	51.2	47.8	45.8	46.6	46	52.2	48.8	52.5	52.7	50.8
Gross Alpha *(pCi/L)*	**GPS (15)**	10.7	11.2	10.7	4.5	6.6	4.9	22.8	8.8	9.3	10.2	4.9	6.4	4.3	10.3	6.5	14.2	17.9	15.8	7.1	4.9
Bicarbonate (HCO3)		336	378	297	306	298	300	313	372	320	372	300	281	388	368	350	312	334	283	342	305
Mercury (Hg)		<0.0004	<0.0004	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		8.4	8.2	7	7.5	7.7	7.9	7.1	6.9	6.8	7.1	8.2	7.4	8	7.6	7.2	8.1	7.8	6.7	9.2	7.4
Magnesium (Mg)		86	68.6	69	71.1	69.1	63.9	69.5	66.5	63.3	71	64.1	70.2	68.4	67.9	67.3	64	62.5	70.7	73.4	69.7
Manganese (Mn)	**GPS (0.2)**	3.41	3.45	3.7	3.78	3.79	3.35	3.65	3.8	3.63	3.42	3.75	3.9	3.97	3.83	4.12	4.14	4.02	4.2	1.81	39
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		88	95	99	99.6	94.9	87.7	97.7	92	90.4	91.6	93	101	94.4	91.4	95.9	94.5	87.1	85	105	93
Nickel (Ni)	**GPS (.01)**	0.01	0.02	0.03	0.02	0.02	0.03	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.14
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	8.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.26	6.67	6.7	6.81	6.81	6.74	6.83	7.08	6.96	7.14	6.87	6.83	7.04	6.88	6.82	6.82	6.96	6.87	6.74	6.76
pH (Field) *(Std. Units)*		6.4	6.1	6.8	6.6	6.2	6.1	6.3	6.59	6.71	7.11	6.57	6.6	6.49	6.82	6.7	6.7	6.8	6.7	6.6	6.7
Radium 226 *(pCi/L)*		5.6	3.6	7	2.9	3.4	3.7	8.6	7.2	5.7	4.5	3.7	5.2	9.1	5.3	8.2	4.1	7.2	2.5	2.7	0.24
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	20.7	3.6	26.9	14.9	19.2	18.3	22.5	23.6	26.8	23	18.4	21.9	26	27.2	29.2	22.6	23.7	20.8	16.1	18.44
Radium 228 *(pCi/L)*		15.1	<1	19.9	12	15.8	14.6	13.9	16.4	21.1	18.5	14.7	16.7	16.9	21.9	21	18.5	16.5	18.3	13.4	18.2
Selenium (Se)	GPS (.01)	<0.005	<0.005	0.003	0.003	0.002	0.002	<0.001	0.001	<0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001
Silica (SiO2)		21	18.5	19	20	19	17	19	19	16	20	18	18	18	18	17	18	17	9	9.8	19.5
Sulfate (SO4)		1510	1370	1400	1460	1350	1340	1360	1260	1200	1380	1300	1350	1340	1340	1320	1290	1370	1440	1450	1480
TDS @ 180° C.	**GPS (500)**	2400	2470	2520	2490	2520	2390	2470	2450	2430	2430	2410	2350	2420	2470	2470	2450	2390	2460	2400	2370
Temperature *(C)*		6	11	14	13	9	11	15	9.9	8.7	10.3	14.2	12.5	7.3	8.4	13.5	12	8.1	11.3	15.4	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	4.9	4.9	5.1	4.7	5.1	5.1	5.6	7	6.7	8.3	6.9	6.6	6.1	6.2	7.4	7.4	6.7	7.1	6.6	7.2
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.05

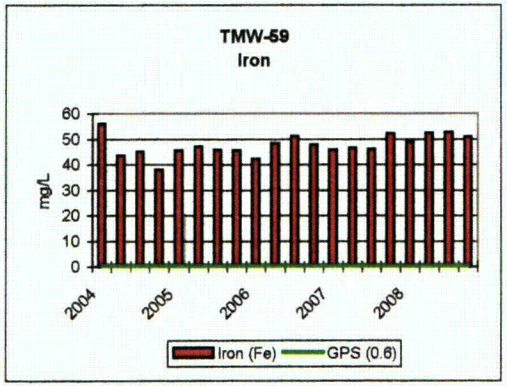

TMW-59
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

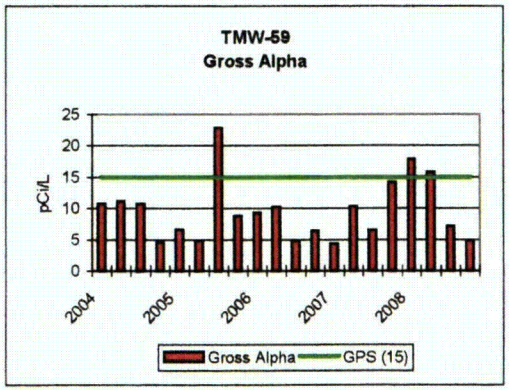

TMW-59
Manganese
mg/L
50
40
30
20
10
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-59
Combined Ra226 & Ra228
pCi/L
35
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

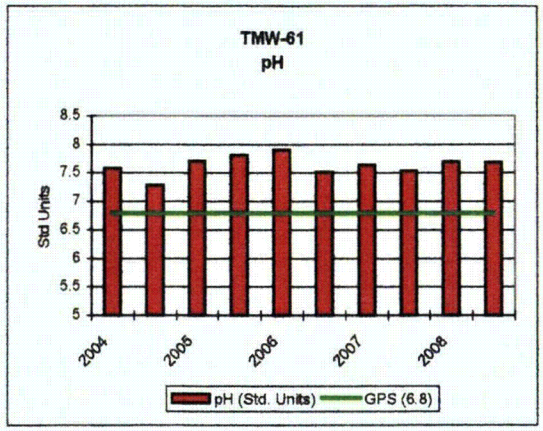

TMW-59
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

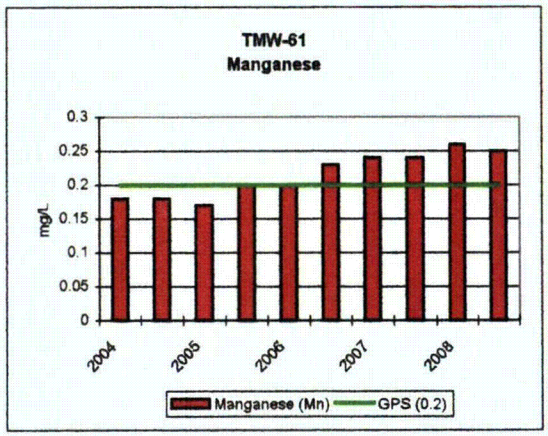

TMW-59
Nickel
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)

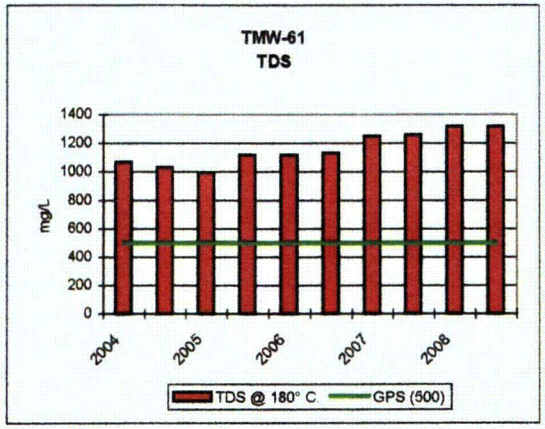

TMW-59
Iron
mg/L
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

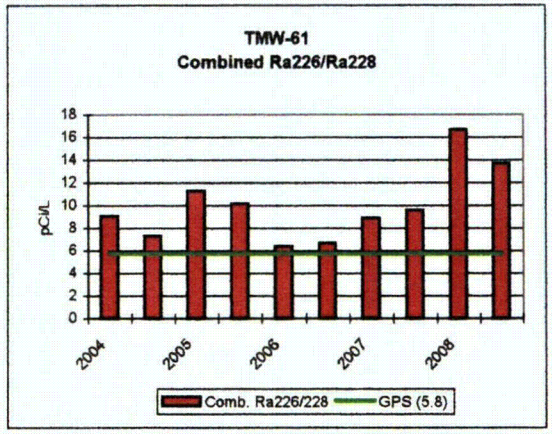

TMW-59
Gross Alpha
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Gross Alpha
GPS (15)

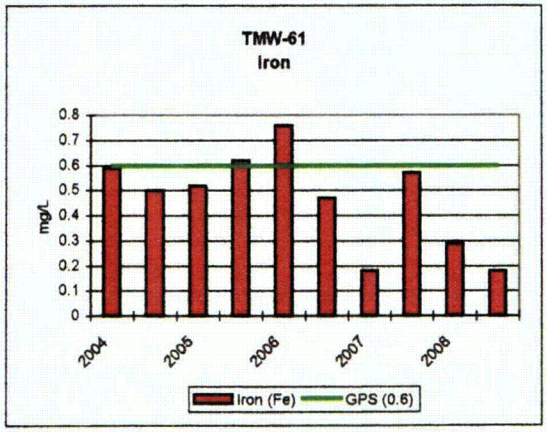
KENNECOTT URANIUM COMPANY											
TMW-61		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/9/2004	9/15/2004	3/2/2005	12/16/2005	3/2/2006	9/11/2006	2/27/2007	9/12/2007	3/18/2008	9/23/2008
TDS A/C Balance *(dec. %)*		1.07	1.04	1	1	1.02	1	0.98	0.96	3.59	0.939
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		174	177	171	192	220	210	208	230	251	227
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		239	242	241	265	267	267	299	309	313	319
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		32.2	21	24	25	25	22	30	31	32	30
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1340	1260	1350	1450	1450	1610	1600	1700	1720	1650
Cond-Field *(umhos/cm)*		880	780	840	890	990	1440	1471	1469	1593	1466
Fluoride (F)		<0.1	0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	<0.1	<0.1
Iron (Fe)	**GPS (0.6)**	0.589	0.5	0.52	0.62	0.76	0.47	0.18	0.57	0.29	0.18
Gross Alpha *(pCi/L)*	GPS (15)	6	5.7	10.5	5.1	5.7	3.9	4.3	6.9	7	5.1
Bicarbonate (HCO3)		213	216	208	235	268	256	254	281	306	277
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		4.8	4.4	5.1	4.7	4.5	4.4	5.6	5	5.6	4.5
Magnesium (Mg)		16.6	14.4	14.6	17.9	16.8	16.4	18.6	19.6	18.4	20.3
Manganese (Mn)	**GPS (0.2)**	0.18	0.18	0.17	0.2	0.2	0.23	0.24	0.24	0.26	0.25
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		53.2	55.7	55.9	57.8	60.4	58.4	64.8	64.4	62	57
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.59	7.29	7.71	7.81	7.9	7.52	7.64	7.54	7.7	7.69
pH (Field) *(Std. Units)*		7.4	6.9	6.7	7.24	7.35	7.04	7.61	7.2	7.2	7.3
Radium 226 *(pCi/L)*		4.1	3	4.5	3.6	5.3	1.4	6.1	3.8	6.3	3.4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	9.1	7.3	11.3	10.2	6.4	6.7	8.9	9.6	16.7	13.7
Radium 228 *(pCi/L)*		5	4.3	6.8	6.6	1.1	5.3	2.8	5.8	10.4	10.3
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		20	18	19	21	20	19	19	19	19	21.6
Sulfate (SO4)		550	533	533	615	579	621	709	724	747	693
TDS @ 180° C.	**GPS (500)**	1070	1030	995	1120	1120	1130	1250	1260	1320	1320
Temperature *(C)*		8	12	13	9.1	9.5	12.4	9.5	11.2	9.3	10.1
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	2.4	2.1	1.8	2.4	3	3.4	3.4	3.9	4	15.9
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01


TMW-61
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

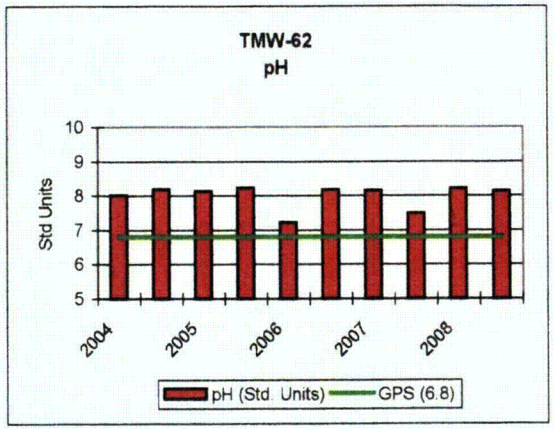

TMW-61
Manganese
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

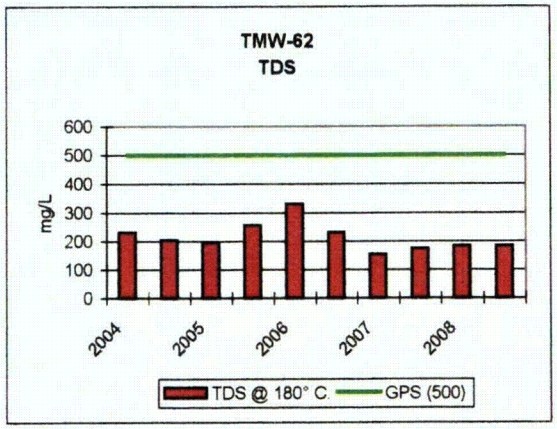

TMW-61
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

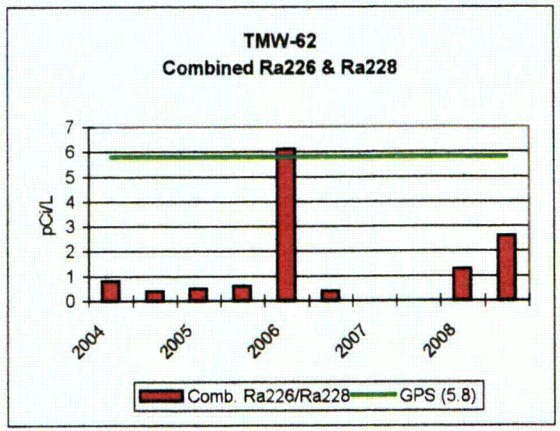

TMW-61
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)


TMW-61
Iron
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

KENNECOTT URANIUM COMPANY											
TMW-62		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/4/2004	11/1/2004	5/2/2005	12/13/2005	4/4/2006	8/8/2006	2/21/2007	11/19/2007	4/16/2008	11/17/2008
TDS A/C Balance *(dec. %)*		0.98	1.06	0.92	1.1	1.05	1.12	0.85	0.89	3.99	2.08
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		92.3	87	96	90	96	88	86	89	85	86
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		39.1	28.1	33.1	41	59.5	31.5	22.9	26.9	24.9	22
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		3.8	3	2	1	3	4	2	3	2	2
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		337	300	334	366	487	374	275	311	278	220
Cond-Field *(umhos/cm)*		320	200	240	260	240	356	235	265	259	247
Fluoride (F)		0.3	0.4	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	<1	<1	<1	1.9	1.5	<1	<1	<1	2.3	0.9
Bicarbonate (HCO3)		113	106	117	110	117	107	105	108	104	105
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		1.8	2	1.7	1.6	1.6	1.8	1	1.6	1.5	1.4
Magnesium (Mg)		3.5	2.5	2.8	4.1	6	2.9	2	2.6	2.2	1.8
Manganese (Mn)	GPS (0.2)	0.03	0.03	0.02	0.03	0.04	0.01	0.01	0.02	0.02	0.01
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		34.3	34.6	33.7	31.4	38.2	33.3	37.1	36	37.1	35.8
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	2.4	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.03	8.19	8.13	8.23	7.22	8.17	8.16	7.49	8.22	8.14
pH (Field) *(Std. Units)*		7.7	7.9	7.2	7.71	7.2	7.51	7.28	7.7	7.9	7.8
Radium 226 *(pCi/L)*		0.8	0.4	0.5	0.6	0.5	0.4	<0.2	<0.2	0.28	0.22
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	0.8	0.4	0.5	0.6	6.1	0.4	0	0	1.28	2.62
Radium 228 *(pCi/L)*		<1	<1	<1	<1	5.6	<1	<1	<0.2	1	2.4
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.5	12	11	12	12	10	13	11	7	14.2
Sulfate (SO4)		87	59	67	88	141	71	52	61	51	45
TDS @ 180° C.	**GPS (500)**	231	204	194	256	330	232	154	174	183	184
Temperature *(C)*		11	12	10	8.1	10	15.8	10	10.1	9.5	10.6
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.1	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	6.4	4	4.4	4.1	5	3.7	2.7	4.8	2.9	2.4
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

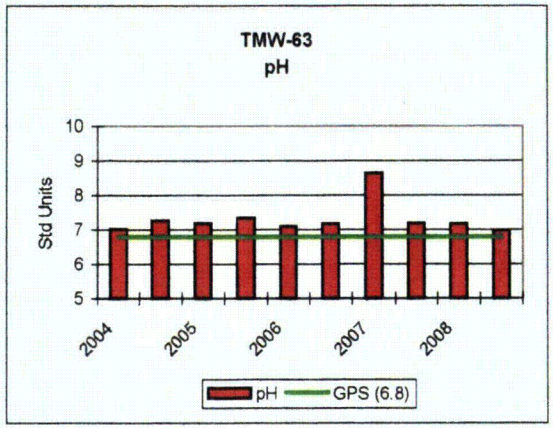

TMW-62
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

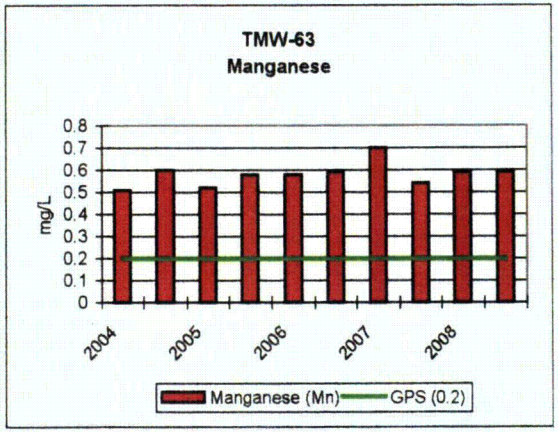

TMW-62
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

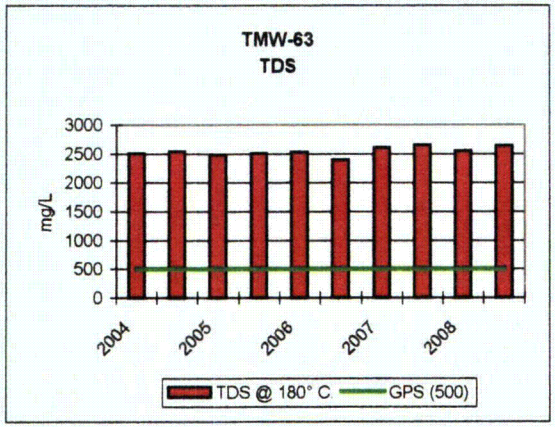

TMW-62
Combined Ra226 & Ra228
pCi/L
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

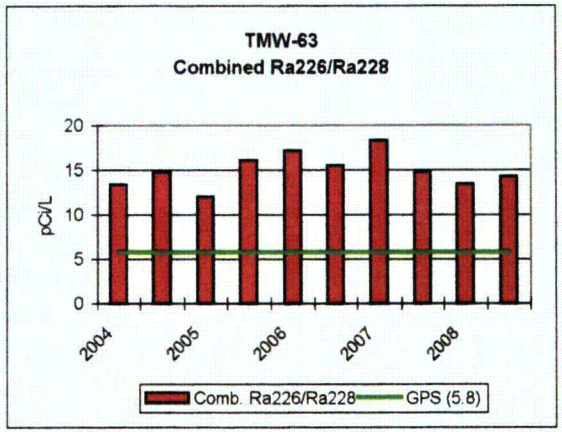
TMW 62.xls

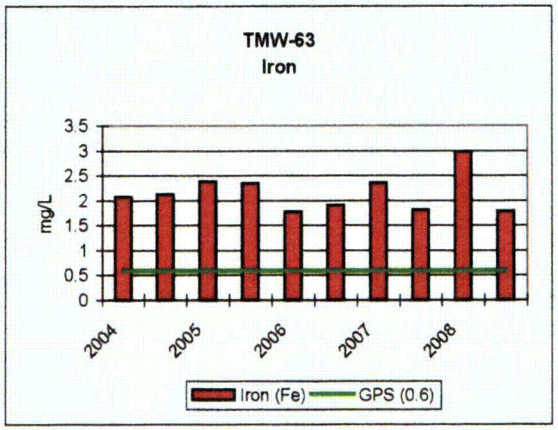
KENNECOTT URANIUM COMPANY											
TMW-63		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/4/2004	11/1/2004	5/2/2005	12/19/2005	5/4/2006	11/19/2006	5/23/2007	11/26/2007	4/16/2008	11/17/2008
TDS A/C Balance *(dec. %)*		1.1	1.05	1.05	1.07	1.02	1.01	1.1	1.13	1.2	0.271
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		468	466	470	452	481	478	440	525	467	464
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		605	629	625	591	625	619	619	576	680	622
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		77.2	82	85	86	86	81	87	103	96	77
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.002
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		2820	2970	2850	2890	2890	2960	3010	3110	2930	2990
Cond-Field *(umhos/cm)*		1460	1080	1680	1450	300	305	313	295	3000	2740
Fluoride (F)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
Iron (Fe)	**GPS (0.6)**	2.08	2.12	2.38	2.34	1.77	1.9	2.36	1.81	2.98	1.79
Gross Alpha *(pCi/L)*	GPS (15)	6.4	3.6	11.1	6.2	4.5	5.1	17	5.2	10.9	5.8
Bicarbonate (HCO3)		572	568	574	552	587	584	537	640	569	566
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		6.8	7.5	7	7	6.8	6.9	7.3	7.9	7	6.8
Magnesium (Mg)		41.3	45.7	43.2	46.3	45	42.1	44.8	39.5	50.3	45.4
Manganese (Mn)	**GPS (0.2)**	0.51	0.6	0.52	0.58	0.58	0.59	0.7	0.54	0.59	0.59
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		88.5	93.1	89.7	91.6	93.4	89.5	93.5	93	93	93
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	4	<1	1.7
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.02	7.27	7.19	7.34	7.1	7.17	8.64	7.18	7.17	6.98
pH (Field) *(Std. Units)*		6.3	6.5	6.2	6.74	6.7	6.54	6.82	6.7	6.7	6.7
Radium 226 *(pCi/L)*		4.9	5	4	4.2	4.6	5.8	5.3	3.4	3.2	2.6
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	13.4	14.8	12	16.1	17.2	15.5	18.3	14.8	13.5	14.3
Radium 228 *(pCi/L)*		8.5	9.8	8	11.9	12.6	9.7	13	11.4	10.3	11.7
Selenium (Se)	GPS (.01)	0.001	0.003	<0.001	<0.001	<0.001	0.003	0.003	0.001	0.001	<0.001
Silica (SiO2)		21	24	23	24	24	21	23	22	11	22.1
Sulfate (SO4)		1160	1250	1220	1230	1320	1220	1230	1180	1410	1310
TDS @ 180° C.	**GPS (500)**	2510	2540	2480	2510	2530	2390	2610	2650	2550	2640
Temperature *(C)*		15	12	12	11.2	11.9	11.4	9.9	11.9	11.3	12.3
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.6	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	4.7	2.9	3	1.4	1.4	1.5	2.4	1.8	1.7	2.8
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.02	0.01	0.01	<0.01	<0.01	0.02	0.01	0.01	0.01	0.03


TMW-63
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH
GPS (6.8)

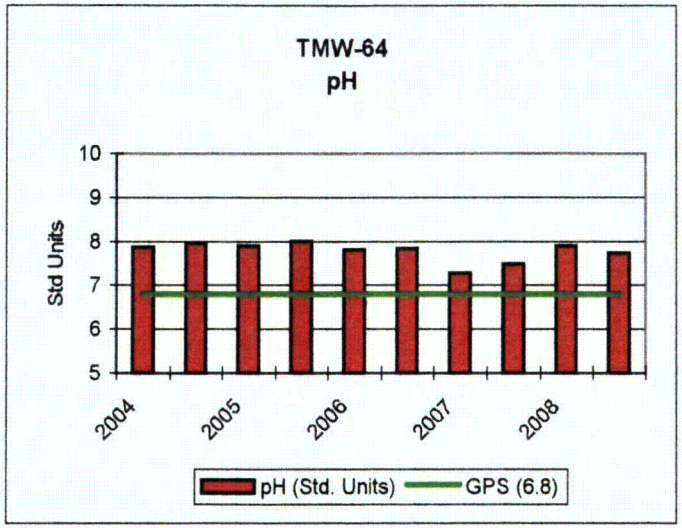

TMW-63
Manganese
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

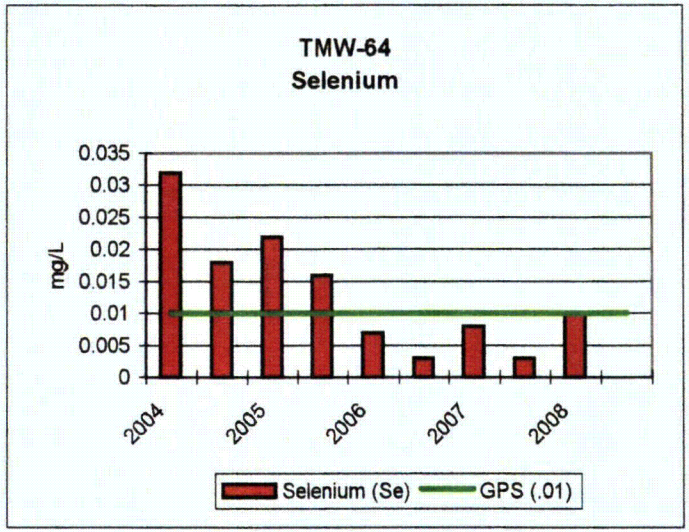

TMW-63
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C
GPS (500)

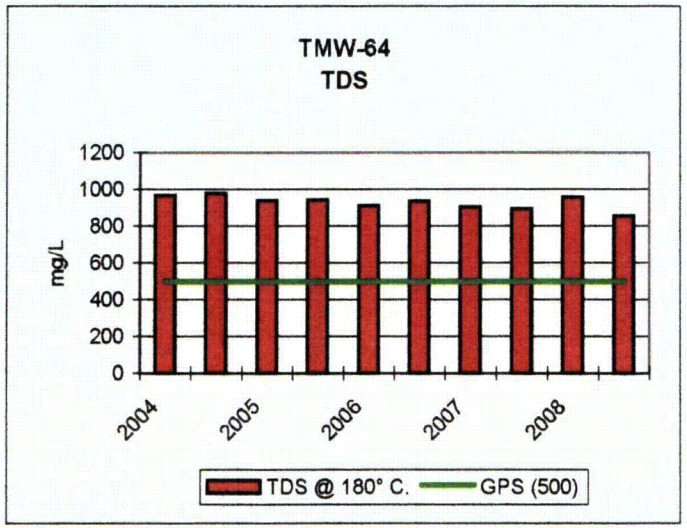

TMW-63
Combined Ra226/Ra228
pCi/L
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

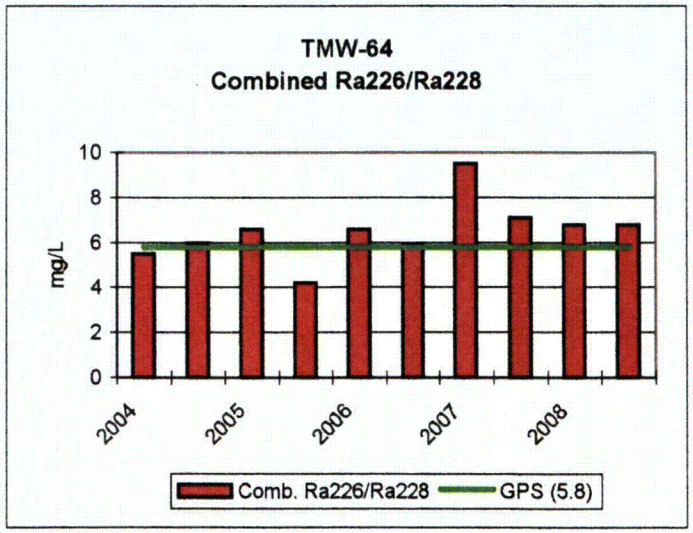

TMW-63
Iron
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

KENNECOTT URANIUM COMPANY											
TMW-64		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/4/2004	11/1/2004	5/2/2005	12/13/2005	5/2/2006	11/28/2006	6/3/2007	11/19/2007	4/29/2008	11/12/2008
TDS A/C Balance *(dec. %)*		1.05	1.06	1.01	1.02	1.06	1.04	0.99	0.98	0.413	0.876
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		63	66	65	68	65	85	0.68	68	65	68
Arsenic (As)	GPS (.05)	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		201	208	211	207	190	196	200	196	204	194
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		32.5	33	35	33	29	30	33	33	31	30
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1250	1240	1280	1230	1200	1240	1340	1260	1210	1160
Cond-Field *(umhos/cm)*		800	680	860	780	1176	1.14	1080	1079	1095	1044
Fluoride (F)		0.2	0.2	<0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	2.5	2.5	4.4	2.6	3.9	3.5	4.3	1.8	4.2	2.3
Bicarbonate (HCO3)		76.9	80	79	82	79	104	83	83	79	83
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		4.4	4.8	4.4	4.2	4	4.3	4.3	4.3	4.3	4
Magnesium (Mg)		17.8	18.8	18.2	19	17.9	17.8	18.1	17.8	17.3	16.5
Manganese (Mn)	GPS (0.2)	<0.01	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.05	0.03
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		53.7	53.8	53.6	53.4	52	54.5	54.9	54.6	52	51
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	2.1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.87	7.97	7.9	8.01	7.82	7.84	7.28	7.5	7.91	7.75
pH (Field) *(Std. Units)*		7.8	7.3	7.2	7.46	7.51	7.42	7.25	7.4	7.5	7.5
Radium 226 *(pCi/L)*		2.3	2.3	1.9	2.2	2.7	2.5	3.2	2.5	2.3	1.6
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	5.5	6	6.6	4.2	6.6	5.9	9.5	7.1	6.8	6.8
Radium 228 *(pCi/L)*		3.2	3.7	4.7	2	3.9	3.4	6.3	4.6	4.5	5.2
Selenium (Se)	**GPS (.01)**	0.032	0.018	0.022	0.016	0.007	0.003	0.008	0.003	0.01	<0.001
Silica (SiO2)		8.2	9	9	9	9	9	8	8	4	9.2
Sulfate (SO4)		562	562	563	568	523	538	557	559	562	523
TDS @ 180° C.	**GPS (500)**	968	980	940	944	914	938	904	893	958	855
Temperature *(C)*		13	12	10	6.6	11.6	8.1	10.8	9.8	10	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	30.7	29.1	27.2	31.1	29.5	27.7	24.7	22	19.5	18.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

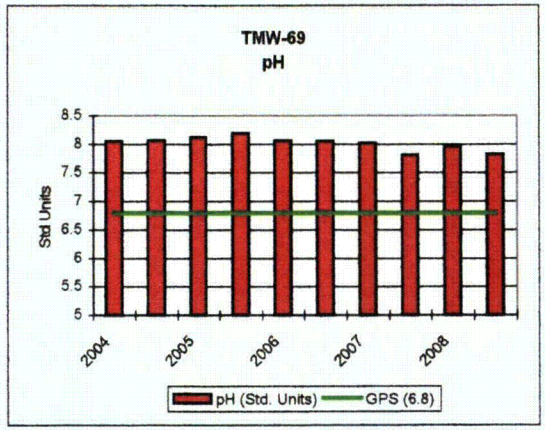

TMW-64
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

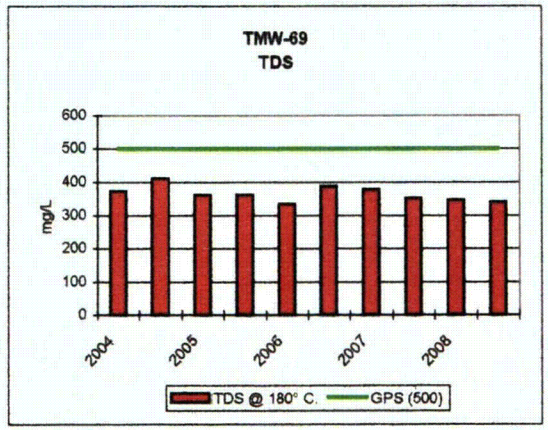

TMW-64
Selenium
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
2004
2005
2006
2007
2008
Selenium (Se)
GPS (.01)

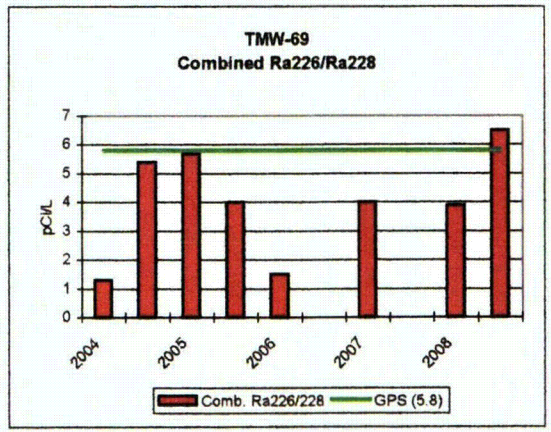

TMW-64
TDS
mg/L
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-64
Combined Ra226/Ra228
mg/L
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY											
TMW-69		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/4/2004	11/1/2004	5/2/2005	12/20/2005	5/2/2006	11/28/2006	5/1/2007	11/26/2007	4/16/2008	11/12/2008
TDS A/C Balance *(dec. %)*		0.98	1.09	0.96	1	0.93	1.07	1.01	1.01	4.5	2.49
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		100	101	101	100	103	100	100	113	101	101
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		77.7	80.7	79.3	75.8	75.6	76.1	75.3	70	84.7	79.6
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		9.8	6	12	8	7	6	7	8	7	6
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		575	571	575	558	539	559	573	569	530	517
Cond-Field *(umhos/cm)*		480	280	440	410	522	513	512	494	495	473
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.6	1.2	2.3	1.5	2.4	<1	3.1	1.9	4.2	1.5
Bicarbonate (HCO3)		122	123	123	122	125	122	130	137	123	124
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		2.9	3.1	2.8	2.7	2.8	2.8	2.9	3.1	2.8	2.7
Magnesium (Mg)		5.1	5.3	5	4.9	5.1	4.8	5.2	4	5.2	4.8
Manganese (Mn)	GPS (0.2)	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		35	35.2	34.4	35.2	33.4	35.2	34.8	33.3	35.2	33.7
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.05	8.07	8.12	8.19	8.06	8.05	8.02	7.81	7.96	7.83
pH (Field) *(Std. Units)*		7.4	7.3	7.2	7.63	7.74	7.55	7.1	7.3	7.8	7.6
Radium 226 *(pCi/L)*		1.3	1.7	2.7	2.2	1.5	<0.2	2.5	1.4	1.5	1.2
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.3	5.4	5.7	4	1.5	0	4	<1.4	3.9	6.5
Radium 228 *(pCi/L)*		<1	3.7	3	1.8	<1	<1	1.5	<1	2.4	5.3
Selenium (Se)	GPS (.01)	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		13	14	14	14	14	14	14	14	8	17.7
Sulfate (SO4)		177	173	170	162	161	162	173	149	168	163
TDS @ 180° C.	**GPS (500)**	374	412	363	363	336	388	378	353	347	341
Temperature *(C)*		14	11	10	8.7	12.4	8.1	11	11.1	9.5	9.6
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	4.4	4.1	4.8	4.1	4.2	3.8	4.2	4.1	4	4.5
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

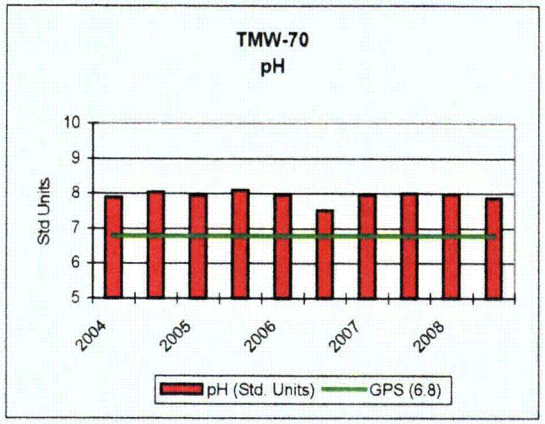

TMW-69
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

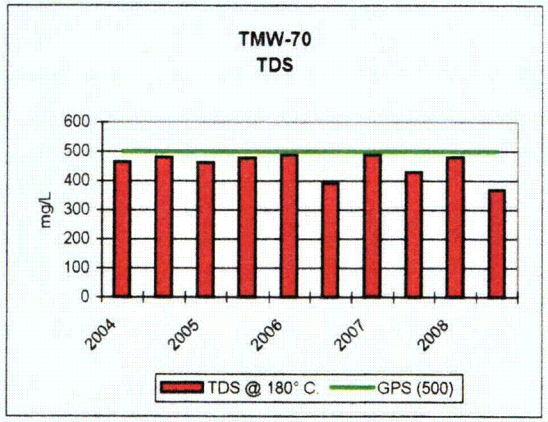

TMW-69
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

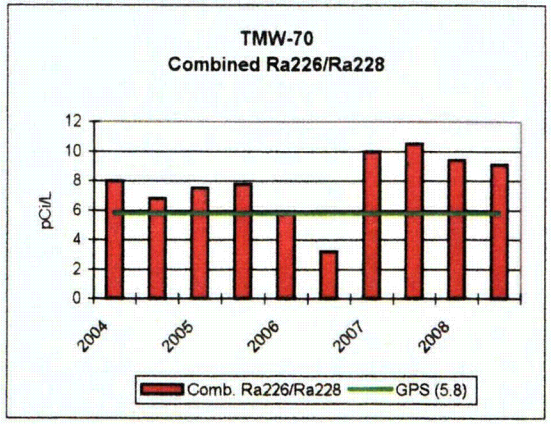

TMW-69
Combined Ra226/Ra228
pCi/L
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

TMW 69.xls

KENNECOTT URANIUM COMPANY											
TMW-70		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/4/2004	11/2/2004	5/3/2005	12/19/2005	5/4/2006	11/28/2006	5/1/2007	11/7/2007	4/29/2008	11/12/2008
TDS A/C Balance *(dec. %)*		0.98	1.02	0.91	1.03	0.99	1.03	0.99	0.93	4.67	1.34
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		83.6	88	83	85	90	112	87	90	85	93
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		101	102	113	101	103	77.5	101	97.4	105	85.2
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10.4	9	13	9	12	7	11	11	9	8
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		697	673	745	709	705	565	723	678	640	562
Cond-Field *(umhos/cm)*		540	380	520	500	700	530	664	603	593	520
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Iron (Fe)	GPS (0.6)	0.081	0.09	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	4.2	4	6.1	4.5	3.9	3.6	5.4	4.3	5.5	3.8
Bicarbonate (HCO3)		102	108	101	104	110	136	110	110	104	113
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3	3.6	3.5	2.9	3	2.8	3.2	3.1	3.1	2.8
Magnesium (Mg)		6.5	6.6	7	6.6	6.7	4.9	6.9	6.2	6.3	5.2
Manganese (Mn)	GPS (0.2)	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.05	0.04
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		39.4	39.1	40.6	38.6	38.5	37.1	39.1	39.3	38.2	35.1
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.89	8.04	7.94	8.09	7.96	7.51	7.96	8.01	7.98	7.88
pH (Field) *(Std. Units)*		7.4	7.2	7.3	7.64	7.33	7.18	7.35	7.7	7.6	7.6
Radium 226 *(pCi/L)*		3.4	3.5	1.5	3.5	3.5	3.2	5.4	3.9	3.2	2.9
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	8	6.8	7.5	7.8	5.8	3.2	10	10.5	9.4	9.1
Radium 228 *(pCi/L)*		4.6	3.3	6	4.3	2.3	<1	4.6	6.6	6.2	6.2
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		12.9	14	13	13	13	15	13	13	8	15.7
Sulfate (SO4)		250	245	268	241	266	171	265	237	235	194
TDS @ 180° C.	**GPS (500)**	464	481	463	477	490	392	488	430	481	370
Temperature *(C)*		13	11	12	8.6	10.4	7	11.9	11.8	9.8	10.1
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	3.1	3.4	3.8	3.6	3.8	3.1	3.8	4.2	3.8	4.2
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

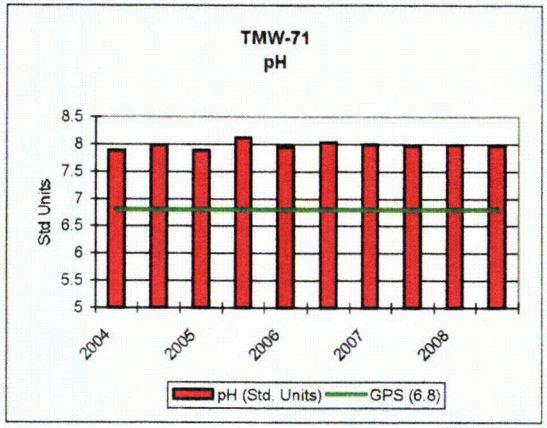

TMW-70
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

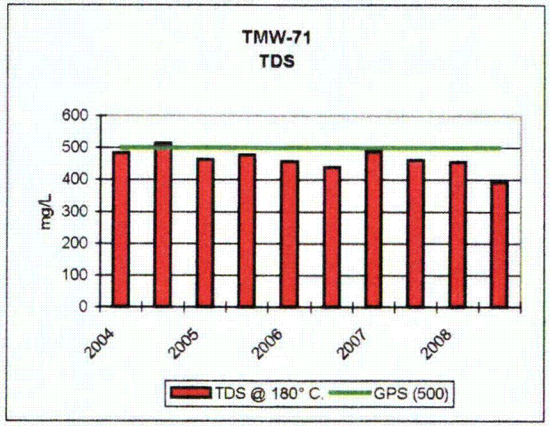

TMW-70
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

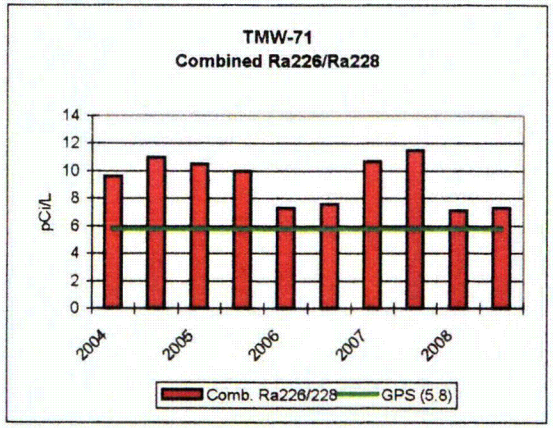

TMW-70
Combined Ra226/Ra228
pCi/L
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

TMW 70.xls

KENNECOTT URANIUM COMPANY											
TMW-71		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/5/2004	11/2/2004	5/3/2005	12/19/2005	5/2/2006	11/19/2006	5/1/2007	11/7/2007	4/16/2008	11/12/2008
TDS A/C Balance *(dec. %)*		1.02	1	0.92	1.03	0.96	1.09	1.01	0.97	2.94	1.29
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		118	119	118	118	120	114	120	120	118	114
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		102	115	114	103	105	85.3	102	105	110	96.2
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		6.1	6	7	7	6	4	6	6	5	4
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		708	721	737	7.3	683	701	713	699	662	611
Cond-Field *(umhos/cm)*		520	420	500	510	676	645	632	612	625	542
Fluoride (F)		0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2
Iron (Fe)	GPS (0.6)	<0.05	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	3.6	2.9	6.3	3.1	4.3	3.4	4.5	4.3	7.9	3.2
Bicarbonate (HCO3)		144	145	144	143	146	139	150	146	144	139
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.2	3.8	3.6	3	3.2	2.9	3.3	3.2	3.3	2.9
Magnesium (Mg)		6.6	7.5	7.1	6.7	7	5.5	7	6.6	6.7	5.8
Manganese (Mn)	GPS (0.2)	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		37.6	39.9	39.8	37.9	36.9	34.4	37.6	38.6	36.8	33.1
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.89	7.99	7.89	8.12	7.95	8.04	8	7.98	7.99	7.98
pH (Field) *(Std. Units)*		7.3	7.1	7.2	7.56	7.46	7.39	7.48	7.7	7.8	7.4
Radium 226 *(pCi/L)*		3.1	4.4	3.2	3.2	3.6	3.7	4.1	3.2	2.6	2.3
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	9.6	11	10.5	10	7.3	7.6	10.7	11.5	7.1	7.3
Radium 228 *(pCi/L)*		6.5	6.6	7.3	6.8	3.7	3.9	6.6	8.3	4.5	5
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SIO2)		13.6	15	14	15	15	13	15	15	9	17.5
Sulfate (SO4)		234	254	245	223	229	192	239	228	228	203
TDS @ 180° *C.*	**GPS (500)**	484	514	464	478	458	440	488	462	455	392
Temperature *(C)*		12	10	11	9	11.6	8.9	11.9	10	9.4	9.8
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	7.9	7.3	7.8	7.1	7.1	6.1	6.3	6.9	5.8	5.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	0.01	<0.01

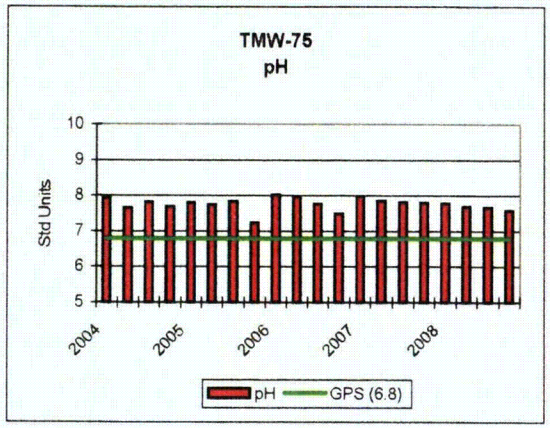

TMW-71
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

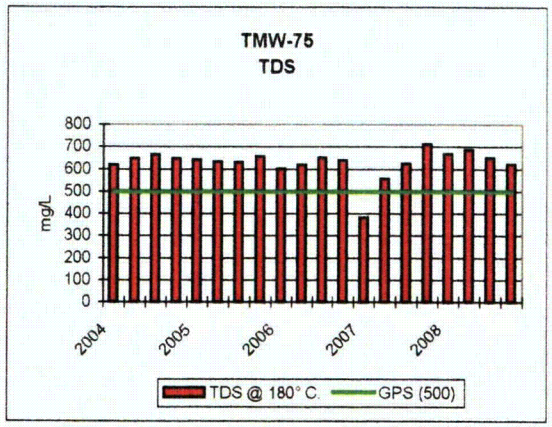

TMW-71
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

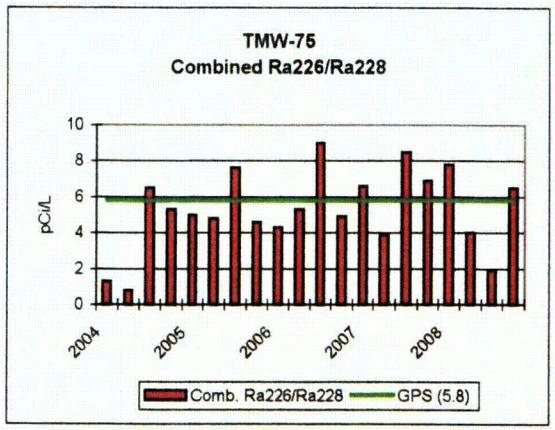

TMW-71
Combined Ra226/Ra228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

TMW 71.xls

KENNECOTT URANIUM COMPANY																					
TMW-75		2004				2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/5/2004	4/5/2004	7/12/2004	10/7/2004	1/5/2005	4/6/2005	7/11/2005	11/7/2005	1/16/2006	4/10/2006	7/3/2006	10/5/2006	3/14/2007	4/11/2007	7/22/2007	10/3/2007	1/13/2008	4/14/2008	7/28/2008	10/14/2008
TDS A/C Balance *(dec. %)*		0.91	1	1.05	0.94	0.98	0.99	0.99	1.05	0.97	0.99	1.01	1	1.02	0.96	1.06	1.1	3.85	4.78	2.37	-0.132
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		128	125	124	127	131	124	126	128	128	125	119	120	107	118	120	131	125	124	125	125
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		161	148	142	165	148	138	142	134	135	137	139	143	76.9	127	129	134	135	174	140	133
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		32	19.6	18	19	21	20	18	19	17	18	14	17	7	15	16	21	18	18	15	16
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		915	927	890	910	919	938	926	946	896	879	904	905	578	842	886	1010	953	936	928	887
Cond-Field *(umhos/cm)*		800	720	860	600	860	660	580	720	690	580	907	857	557	779	862	919	887	907	867	820
Fluoride (F)		0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	<0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.27	0.227	0.21	<0.05	0.19	0.19	0.2	0.15	0.14	0.11	0.27	0.17	<0.05	0.1	0.11	0.09	<0.05	0.18	<0.05	0.09
Gross Alpha *(pCi/L)*	GPS (15)	1.6	2.3	1.6	1.7	3	1.6	4	2.6	1.6	2.6	2.6	4.2	2	4.4	2.2	4.1	4.4	4.8	1.8	0.9
Bicarbonate (HCO3)		157	153	151	154	160	151	153	156	156	152	145	147	131	144	150	159	152	151	153	152
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.9	4	3	3.9	4	3.5	3.2	3.2	3.5	3.2	3.4	3.4	2.6	3.4	3.3	3.9	3.8	3.6	2.9	3.2
Magnesium (Mg)		13	11.6	11	12	12	10.7	11.4	11.6	11.1	10.7	10.3	11	4.8	9.2	9.8	9.8	12.2	13.2	9.3	10.2
Manganese (Mn)	GPS (0.2)	0.1	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	0.1	0.1	0.09	0.03	0.07	0.09	0.11	0.1	0.12	0.1	0.11
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		45	45.9	47	49.1	46.3	43.4	46.2	44.5	44.2	44.2	48	46.8	36.5	44	44.6	43.8	46.7	48.7	46	43
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.93	7.65	7.82	7.69	7.8	7.75	7.84	7.23	8.03	7.97	7.77	7.49	7.98	7.86	7.82	7.8	7.78	7.7	7.68	7.59
pH (Field) *(Std. Units)*		6.8	7.1	6.9	7.5	6.7	6.7	6.9	7.25	7.16	7.37	7.25	7.5	7.76	7.47	7.7	7.4	7.7	7.5	7.4	7.1
Radium 226 *(pCi/L)*		1.3	0.8	1.8	1.5	0.7	1.1	1.9	1.8	1.2	1.3	1.1	2.1	2.8	1.9	2.9	1.4	2.3	0.97	1.3	2
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.3	0.8	6.5	5.3	5	4.8	7.6	4.6	4.3	5.3	9	4.9	6.6	3.9	8.5	6.9	7.8	4	1.9	6.5
Radium 228 *(pCi/L)*		<1	<1	4.7	3.8	4.3	3.7	5.7	2.8	3.1	4	7.9	2.8	3.8	2	5.6	5.5	5.5	3.8	0.6	4.5
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		16	14.2	14	16	14	14	15	15	15	15	16	14	13	14	14	15	16	9	7	16.5
Sulfate (SO4)		347	339	335	357	334	339	326	322	315	320	342	329	168	297	302	339	369	381	356	311
TDS @ 180° C.	**GPS (500)**	620	647	665	647	643	635	632	658	600	618	652	638	382	558	626	712	669	686	650	622
Temperature (C)		6	12	17	13	9	11	17	9.8	7.4	12.7	19	14.7	8.7	9.6	17.5	13.5	9.6	16.9	11.9	9.3
Thorium 230 *(pCi/L)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	21.7	22.1	22.3	24.1	26	25.4	22	23.1	21.2	19.6	18.2	17.8	5.4	9.5	14.4	18.3	17.5	16.7	17.5	18.8
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

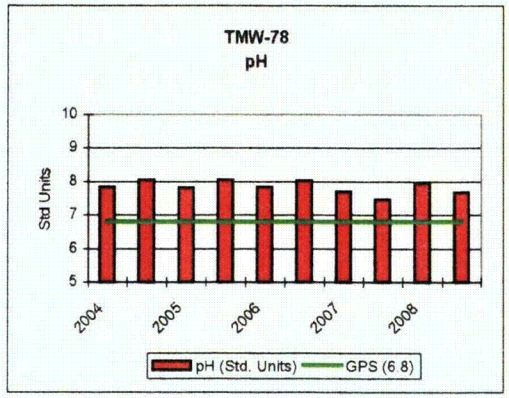

TMW-75
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH
GPS (6.8)

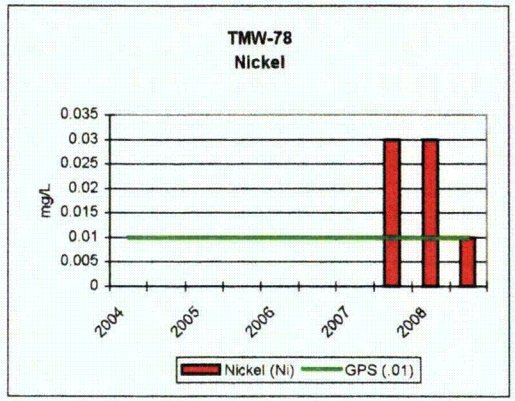

TMW-75
TDS
mg/L
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

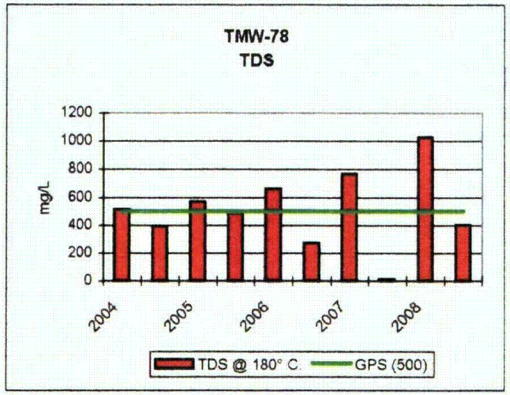

TMW-75
Combined Ra226/Ra228
pCi/L
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

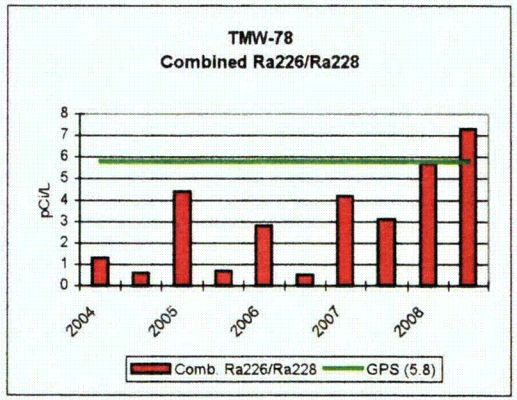
TMW 75.xls

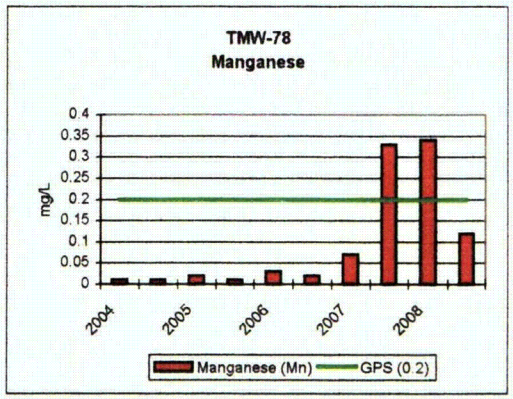
KENNECOTT URANIUM COMPANY											
TMW-78		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/5/2004	11/2/2004	5/3/2005	12/17/2005	5/8/2006	11/19/2006	6/3/2007	11/26/2007	4/29/2008	11/17/2008
TDS A/C Balance *(dec. %)*		1.03	1.03	0.91	0.96	0.98	1.07	0.96	1.13	2.22	1.96
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		96.2	97	90	95	89	90	90	88	81	97
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		107	79.4	142	110	143	47	176	233	228	82.2
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10.1	6	14	7	13	4	12	18	13	5
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	0.008	0.004
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		736	560	891	719	911	466	1150	1550	1260	552
Cond-Field *(umhos/cm)*		580	360	660	460	883	432	1018	1342	1161	512
Fluoride (F)		0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.2	<1	1.6	<1	1.8	<1	2.7	3.3	2.7	1.6
Bicarbonate (HCO3)		117	119	110	116	108	110	110	108	99	118
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3	3.3	3.8	3.1	3.6	2.4	4	5.6	4.8	3
Magnesium (Mg)		9.4	9.1	14.9	13.4	18.4	5.9	21.6	28.3	28.3	10.2
Manganese (Mn)	**GPS (0.2)**	0.01	0.01	0.02	0.01	0.03	0.02	0.07	0.33	0.34	0.12
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Sodium (Na)		34.4	31.4	37.7	31.6	35.2	28.3	36.1	42	41	31.4
Nickel (Ni)	**GPS (.01)**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.03	0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.8
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.84	8.05	7.83	8.06	7.84	8.03	7.71	7.48	7.95	7.69
pH (Field) *(Std. Units)*		7.2	7.1	7.1	7.53	7.52	7.21	7.41	7.1	7.4	7.4
Radium 226 *(pCi/L)*		1.3	0.6	3.1	0.7	0.8	0.5	1.5	2	2	0.84
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.3	0.6	4.4	0.7	2.8	0.5	4.2	3.1	5.7	7.3
Radium 228 *(pCi/L)*		<1	<1	1.3	<1	2	<1	2.7	2.9	3.7	6.5
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		12.6	14	12	14	13	11	13	11	6	13.3
Sulfate (SO4)		264	180	349	270	400	103	479	650	624	194
TDS @ 180° C.	**GPS (500)**	514	394	568	487	664	274	768	11.8	1030	405
Temperature *(C)*		12	11	11	7.3	11.8	9.3	10.2	11.1	10.6	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	8.8	9.8	12.7	9	10	9.2	12	13.3	13.3	18.2
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	<0.01


TMW-78
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

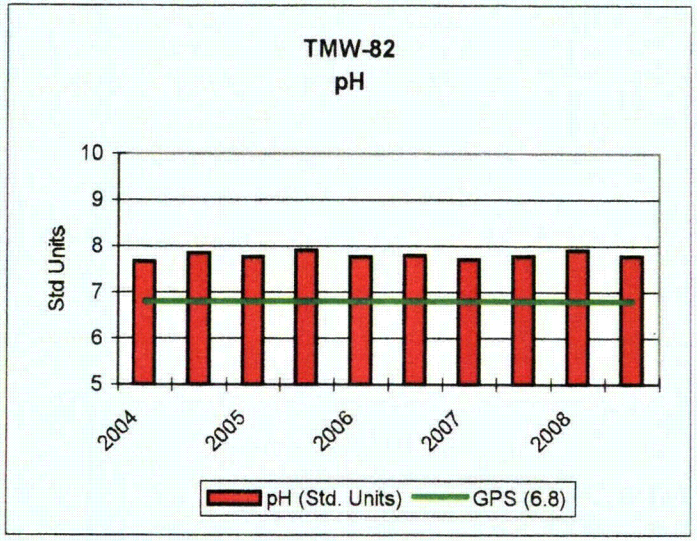

TMW-78
Nickel
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)

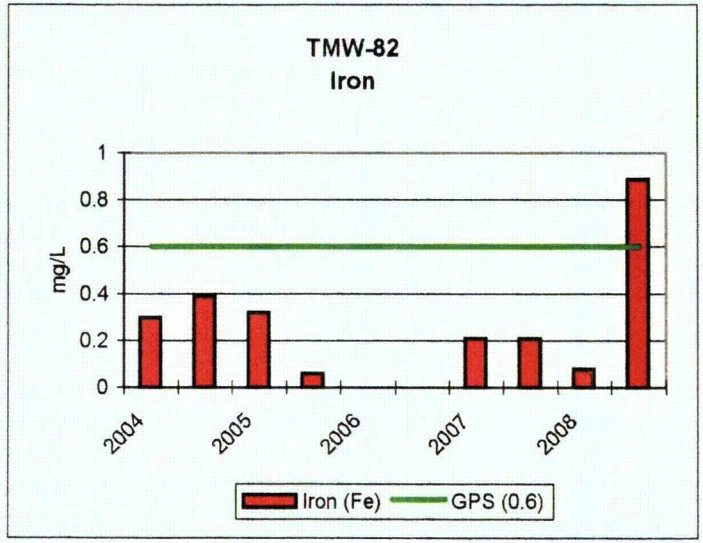

TMW-78
TDS
mg/L
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

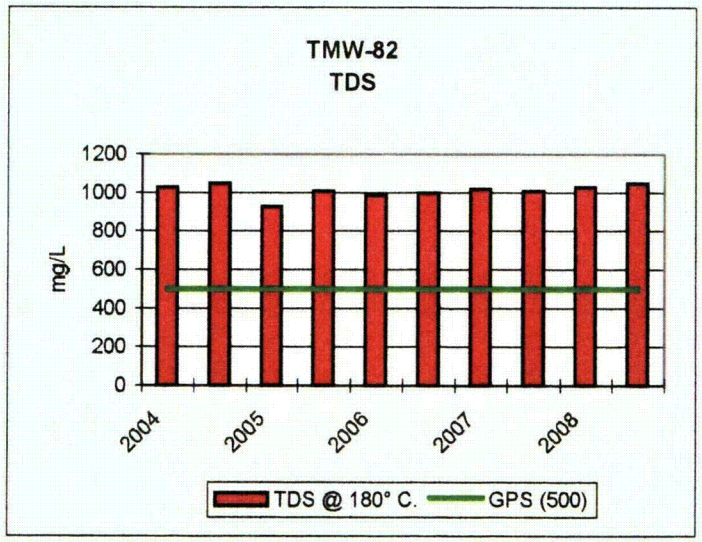

TMW-78
Combined Ra226/Ra228
pCi/L
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

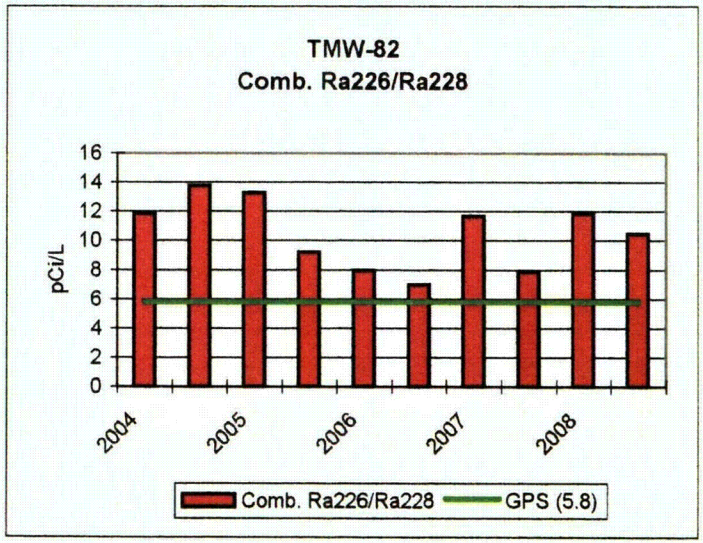

TMW-78
Manganese
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

KENNECOTT URANIUM COMPANY											
TMW-82		2004		2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/5/2004	11/2/2004	5/3/2005	12/17/2005	5/4/2006	11/19/2006	6/3/2007	11/26/2007	4/29/2008	11/13/2008
TDS A/C Balance *(dec. %)*		1.06	1.04	0.95	0.99	0.99	1.04	1	1.11	2.08	-1.39
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		98	99	98	95	100	94	96	106	93	95
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		213	224	227	236	219	216	229	202	237	238
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		25.3	24	26	25	25	24	26	26	24	24
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1300	1310	1310	1310	1280	1350	1470	1380	1300	1330
Cond-Field *(umhos/cm)*		760	680	840	810	1256	1261	1236	1181	1184	1176
Fluoride (F)		0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Iron (Fe)	**GPS (0.6)**	0.299	0.39	0.32	0.06	<0.05	<0.05	0.21	0.21	0.08	0.89
Gross Alpha *(pCi/L)*	GPS (15)	2.2	2.3	6.8	1.8	2.6	2.6	5.7	3	4.9	7.4
Bicarbonate (HCO3)		119	121	120	116	122	115	117	129	113	116
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		4.1	4.8	4.5	4.2	4.1	4.1	4.3	4.6	4.3	4.5
Magnesium (Mg)		19.6	21.8	20.1	21.8	20.2	19.2	20.6	16.9	19.8	20.3
Manganese (Mn)	GPS (0.2)	0.1	0.12	0.11	0.11	0.11	0.11	0.11	0.1	0.11	0.12
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		51.6	53.6	52.9	51.3	51.5	50.9	53.9	49	52	54
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	3.2	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.68	7.86	7.78	7.92	7.77	7.8	7.72	7.79	7.91	7.79
pH (Field) *(Std. Units)*		7.1	7.1	7.1	7.36	7.49	7.13	7.46	7.4	7.5	7.4
Radium 226 *(pCi/L)*		1.8	3.4	3.8	2.3	2	2.1	2.5	1.7	2.2	1.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	11.9	13.8	13.3	9.2	8	7	11.7	7.9	11.9	10.5
Radium 228 *(pCi/L)*		10.1	10.4	9.5	6.9	6	4.9	9.5	6.2	9.7	8.7
Selenium (Se)	GPS (.01)	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		13.1	15	14	15	14	13	14	14	7	16.1
Sulfate (SO4)		585	612	574	609	609	581	618	538	607	667
TDS @ 180° *C.*	**GPS (500)**	1030	1050	929	1010	990	998	1020	1010	1030	1050
Temperature *(C)*		15	11	11	10.6	10	9.5	9.9	11.1	10.5	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	4.4	4.1	4.7	4.6	4.5	4.6	4.4	4.1	4	5.1
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

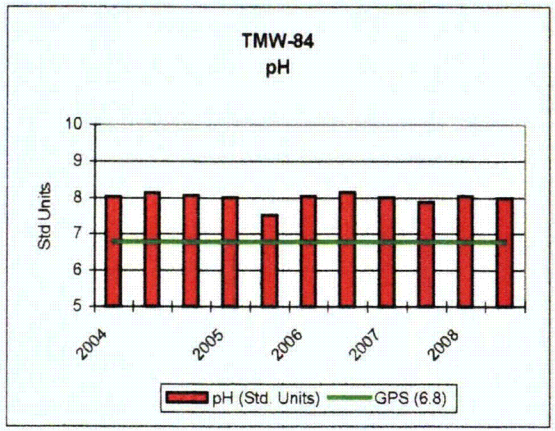

TMW-82
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

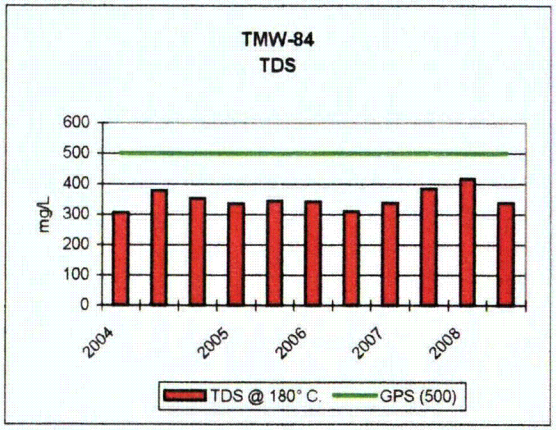

TMW-82
Iron
mg/L
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

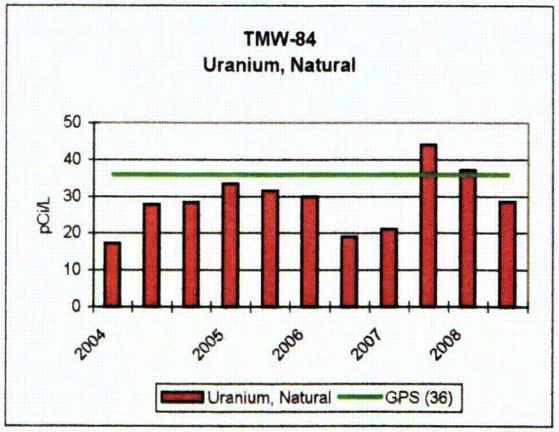

TMW-82
TDS
mg/L
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-82
Comb. Ra226/Ra228
pCi/L
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY												
TMW-84		2004			2005		2006		2007		2008	
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/5/2004	11/3/2004	11/10/2004	5/3/2005	12/17/2005	5/8/2006	11/19/2006	6/3/2007	11/27/2007	4/29/2008	11/13/2008
TDS A/C Balance *(dec. %)*		0.97	1.07	1.06	0.88	0.99	0.96	0.93	0.91	1.03	2.21	4.12
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		101	102	104	101	95	104	100	104	115	102	104
Arsenic (As)	GPS (.05)	0.002	0.007	0.003	0.01	0.019	0.025	0.023	0.019	0.043	0.041	0.048
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		62.5	74.8	71	83.3	75.6	71.5	66.9	77.4	75.5	83	74.5
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		8.2	6	5.6	11	7	9	7	9	11	8	7
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		497	534	544	589	531	522	525	601	634	561	508
Cond-Field *(umhos/cm)*		460	380	500	440	370	505	494	527	555	514	465
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.36
Gross Alpha *(pCi/L)*	GPS (15)	<1	<1	<1	1.5	<1	1.2	<1	1.4	1.6	1.9	1.5
Bicarbonate (HCO3)		123	125	126	123	116	127	122	127	141	124	127
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		2.6	3.3	2.5	3.1	2.9	2.9	2.9	2.9	3.6	3	3.3
Magnesium (Mg)		4.4	5.7	5	5.9	5.7	5.4	4.6	5.6	5	6	5
Manganese (Mn)	GPS (0.2)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		32.8	34.3	34.1	36.7	32.3	33.3	32.2	35.6	34.8	34	35.9
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<2.7	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.03	8.13	8.06	8.01	7.53	8.05	8.15	8.01	7.88	8.05	8
pH (Field) *(Std. Units)*		7.2	7.5	6.8	7.2	7.56	7.6	7.39	7.69	7.5	7.7	7.4
Radium 226 *(pCi/L)*		<0.2	0.8	1.2	<0.2	0.5	1	1.1	<0.2	1	0.8	0.53
Combined Ra226/228 *(pCi/L)*	GPS (5.8)	0	0.8	1.2	0	0.5	3	1.1	2.6	1	3.1	2
Radium 228 *(pCi/L)*		<1	<1	<1	<1	<1	2	<1	2.6	<1	2.3	1.5
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		12.2	12	12.1	11	12	11	13	12	9	6	12.8
Sulfate (SO4)		130	156	151	174	155	159	145	166	167	174	146
TDS @ 180° C.	**GPS (500)**	306	379	353	337	344	342	310	338	386	418	339
Temperature *(C)*		13	13	8	12	10.1	12.3	10.3	9.8	11.1	10.2	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	17.3	27.8	28.3	33.5	31.6	30	19.1	21.1	44	37.2	28.6
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

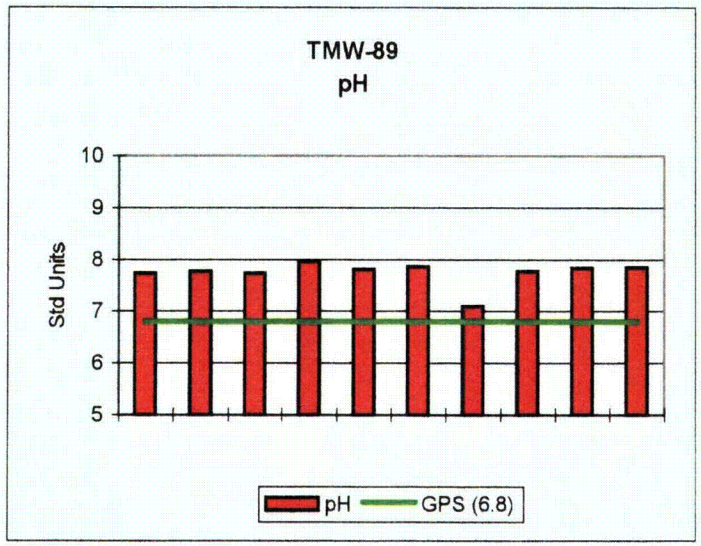

TMW-84
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

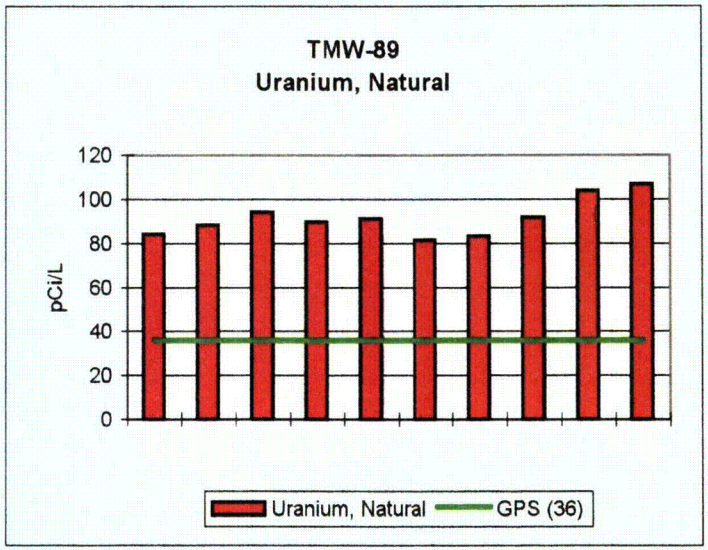

TMW-84
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

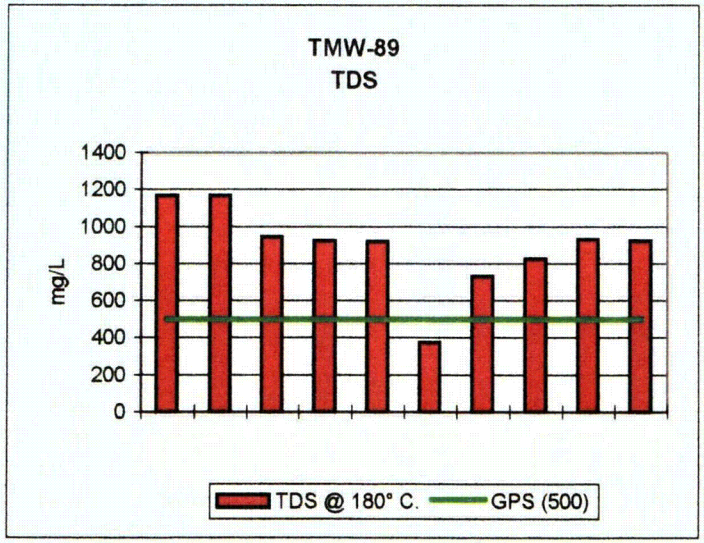

TMW-84
Uranium, Natural
pCi/L
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

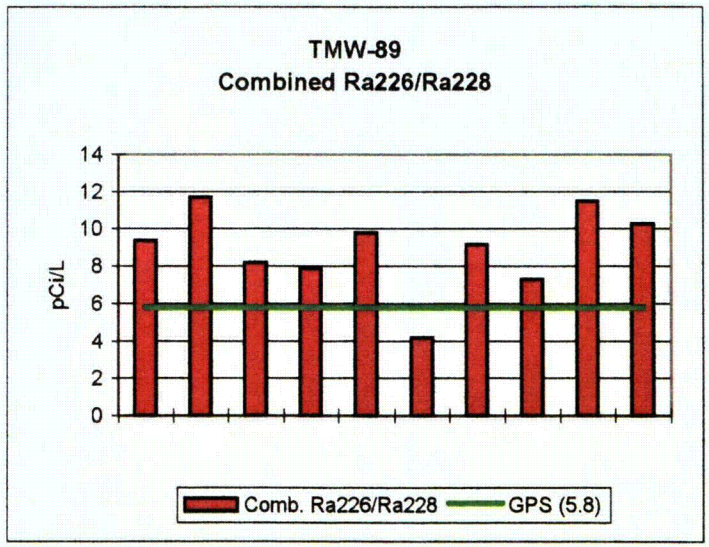
TMW 84.xls

KENNECOTT URANIUM COMPANY											
TMW-89											
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/5/2004	11/3/2004	5/3/2005	12/17/2005	5/8/2006	11/19/2006	6/6/2007	11/26/2007	4/29/2008	11/13/2008
TDS A/C Balance *(dec. %)*		1.07	1.05	0.94	0.97	0.99	1.07	0.97	1.13	0.932	-0.806
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		58.2	63	67	70	76	90	82	91	79	81
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		243	246	231	221	202	72.8	61	162	211	200
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		27.2	25	24	22	24	7	22	20	21	19
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.002	0.001	0.001	0.002	<0.001	0.001	0.001	0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1450	1430	1350	1230	1200	631	1070	1170	1190	1210
Cond-Field *(umhos/cm)*		980	740	860	760	116.5	591	932	1004	1079	1082
Fluoride (F)		0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11
Gross Alpha *(pCi/L)*	GPS (15)	4.9	4.9	7.9	4.2	4	1.8	7.4	5.9	5.9	8.1
Bicarbonate (HCO3)		71	77	82	85	93	110	100	111	97	99
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.7	6.2	5.6	5.1	4.9	3	4.6	5.1	5	5
Magnesium (Mg)		23.7	25.6	22	21.9	19.9	7.2	15.3	14.3	18.9	18.5
Manganese (Mn)	GPS (0.2)	0.07	0.09	0.06	0.06	0.06	0.03	0.04	0.05	0.06	0.06
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		55.2	55.1	52.6	46.6	47.8	29.3	44	42	46	47
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.74	7.78	7.74	7.97	7.82	7.87	7.1	7.78	7.84	7.86
pH (Field) *(Std. Units)*		6.9	7.2	7.1	7.41	7.3	7.34	6.85	7.4	7.6	7.3
Radium 226 *(pCi/L)*		5.1	5.6	4.5	3.6	4.2	2	4.4	4	4.2	4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	9.4	11.7	8.2	7.9	9.8	4.2	9.2	7.3	11.5	10.3
Radium 228 *(pCi/L)*		4.3	6.1	3.7	4.3	5.6	2.2	4.8	3.3	7.3	6.3
Selenium (Se)	GPS (.01)	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		3.6	4	4	6	6	5	7	7	3	6.5
Sulfate (SO4)		701	713	625	592	582	174	451	429	566	564
TDS @ 180° C.	**GPS (500)**	1170	1170	945	924	922	378	732	828	932	924
Temperature *(C)*		14	11	10	8.3	12	10	9.2	9.8	10	9.6
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	84.3	88.5	94.4	89.8	91.5	81.6	83.5	91.9	104	107
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01


TMW-89
pH
Std Units
10
9
8
7
6
5
pH
GPS (6.8)


TMW-89
Uranium, Natural
pCi/L
120
100
80
60
40
20
0
Uranium, Natural
GPS (36)


TMW-89
TDS
mg/L
1400
1200
1000
800
600
400
200
0
TDS @ 180° C.
GPS (500)


TMW-89
Combined Ra226/Ra228
pCi/L
14
12
10
8
6
4
2
0
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY																			
TMW-91		2004		2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	9/15/2004	3/3/2005	7/14/2005	10/5/2005	12/22/2005	1/19/2006	4/5/2006	8/8/2006	11/15/2006	2/6/2007	4/3/2007	7/25/2007	10/22/2007	2/27/2008	4/7/2008	7/30/2008	10/29/2008
TDS A/C Balance *(dec. %)*		1.14	1.07	0.99	1.04	1.05	1.12	1.12	1.04	1.16	1.12	1.02	1.2	1.1	1.04	1.83	0.871	2.25	2.46
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		118	115	109	120	110	110	108	106	36	110	98	110	117	119	113	104	111	111
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		320	370	379	461	250	386	395	451	360	412	428	367	412	427	373	398	403	443
Cadmium (Cd)	GPS (.01)	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005	0.005	0.0005	0.0005	0.0005	0.0005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		43.6	47	54	73	40	75	67	72	64	62	69	60	67	60	58	58	23	64
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	1	1	1	1	1	1	1	1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.001	0.001	0.001	<0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1920	1790	1840	2290	1430	2180	2200	2200	2190	2240	2120	2210	2200	2130	2130	2060	2120	2220
Cond-Field *(umhos/cm)*		1240	1020	1180	1040	820	1300	1160	1060	2340	2280	1963	1946	233	1862	1878	1831	1924	1853
Fluoride (F)		0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.209	0.49	<0.01	0.36	<0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	4	4.7	4.7	5.8	7.8	5.7	3.6	4.3	4.6	7.1	4.3	4.5	4.4	6.2	6.3	7.8	4.3	7.7
Bicarbonate (HCO3)		143	140	133	146	134	134	131	129	44	134	119	134	142	145	138	127	135	136
Mercury (Hg)		<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	<0.0002	<0.0002	0.0003	<0.0002
Potassium (K)		5.6	5.3	5.6	5.3	4.2	5.7	5.5	5.4	6.2	5.6	6	5.6	6	5.6	6.3	5.7	6.9	5.7
Magnesium (Mg)		26.4	27.7	28.8	36.4	19.2	30	32.5	37.5	33.1	32	32.8	28.7	30.8	30.8	30.5	33.4	33.3	34.7
Manganese (Mn)	**GPS (0.2)**	0.36	0.31	0.28	0.33	0.14	0.34	0.35	0.32	0.04	0.26	0.3	0.25	0.24	0.23	0.18	0.21	0.07	0.17
Molybdenum (Mo)		<0.01	<0.08	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		69.5	71.4	74.5	86.3	57.7	74.2	74.6	76.6	70.1	76.7	79.9	68.5	75.9	75.7	80	83.6	86.9	80
Nickel (Ni)	**GPS (.01)**	<0.01	0.01	<0.01	<0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	1	1	1	1	1	1	1	1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.86	7.34	7.82	7.8	8.05	8.29	8.01	8.03	8.33	7.8	7.85	7.72	7.03	7.73	7.61	7.7	7.58	7.56
pH (Field) *(Std. Units)*		7.9	6.9	6.9	7.1	7.55	7.33	7.49	7.61	8.4	7.26	7.6	7.42	7.6	7.4	7.3	7.5	7.5	7.4
Radium 226 *(pCi/L)*		3.1	2.5	2.7	4.4	6.6	3.8	2.7	3.1	3.7	7.9	4.3	3.8	4	2.4	2.9	2.6	2.5	2.5
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	6.6	5.2	5.1	6.9	15.1	10.8	10.1	3.1	11.4	16.3	11.2	9.6	11.3	10.8	7.2	11	8.1	9.9
Radium 228 *(pCi/L)*		3.5	2.7	2.4	2.5	8.5	7	7.4	1	7.7	8.4	6.9	5.8	7.3	8.4	4.3	8.4	5.6	7.4
Selenium (Se)	GPS (.01)	<0.001	<0.001	0.002	0.001	<0.001	<0.001	0.002	0.002	0.002	0.002	0.001	0.0002	0.0002	0.002	0.002	<0.001	<0.001	0.001
Silica (SiO2)		11.1	12	13	12.6	13	11	9	10	7	9	9	9	11	10	11	11	12	11.8
Sulfate (SO4)		839	912	932	1220	619	999	1040	1130	976	1040	1130	925	1020	1060	1050	1070	1090	1110
TDS @ 180° C.	**GPS (500)**	1570	1620	1530	2040	1120	1850	1900	1920	1780	1910	1820	1830	1860	1820	1670	1790	1760	1880
Temperature *(C)*		8	11	8	20	12.7	7.8	8.4	10.8	24.9	6.7	9.6	9	12.1	8.8	7.5	9.2	14	10.5
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0	0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	37.9	24.4	19.9	32.5	13.7	33.9	39.6	42.2	73.5	63.4	41.3	41.6	45.4	42	29.2	30.1	32.2	34.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.03	0.07	0.05	<0.01	<0.01	0.02	0.02	0.01	0.01	0.07	0.03	0.23	0.12	0.17	0.14	0.13	0.05	0.03

KENNECOTT URANIUM COMPANY
TMW-91
NORTHING: 148,518.38 EASTING: 323,956.86
ND = Non-detectable

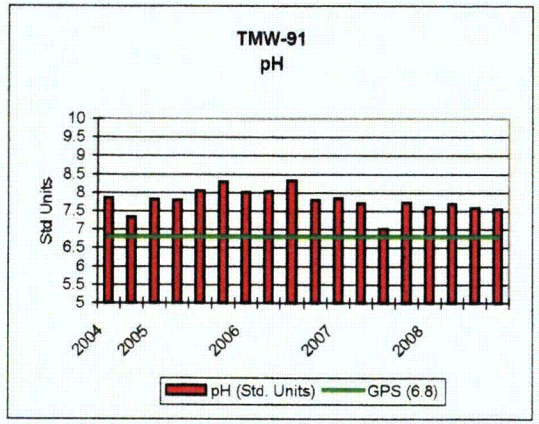
	Groundwater Protection Standard	2003						2004												2005	
		08/26/03	09/18/03	10/22/03	11/12/03	12/10/03	12/31/03	01/13/04	02/16/04	03/17/04	04/12/04	05/11/04	06/15/04	07/14/04	08/05/04	09/15/04	10/13/04	11/09/04	12/08/04	01/18/05	02/07/05
ORGANICS mg/L:																					
Diesel Range Organics (DRO)	GPS 10 (3)	130	40	52	6.2	35	130	16	21	6.7	5.7	21	3.1	1.9	2.6	2.7	1.1	2.4	3.6	1.9	2
Gasoline Range Organics (GRO)	GPS 10 (3)	1.9	1.5	0.749	0.182		1.9	0.046		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																					
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.058	0.03	0.017	0.0046	0.0027	0.058	ND	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	0.015	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

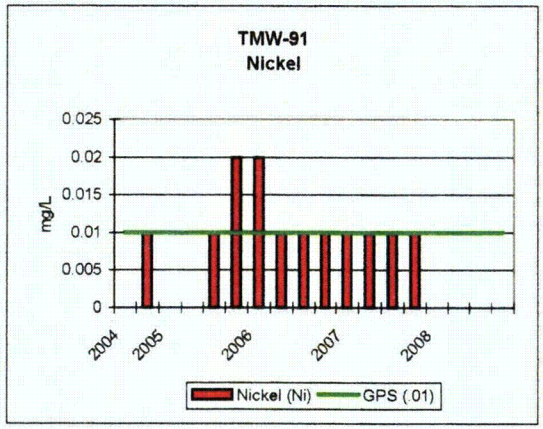
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

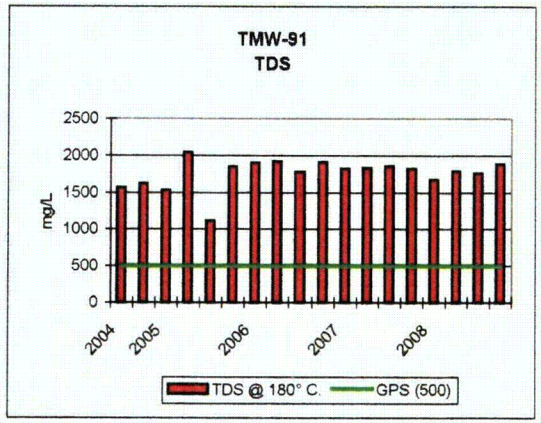
KENNECOTT URANIUM COMPANY
TMW-91
NORTHING: 148,518.38 EASTING: 323,956.86
ND = Non-detectable

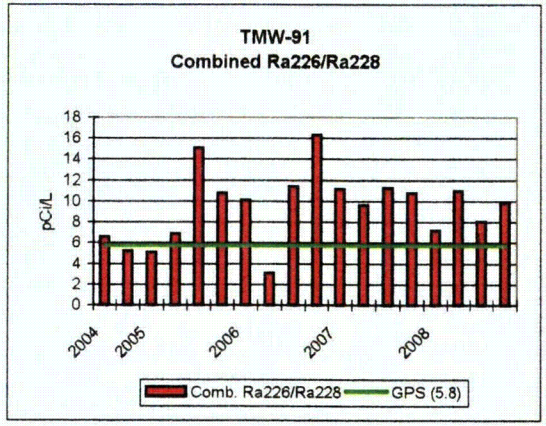
	Groundwater Protection Standard	03/03/05	04/12/05	05/11/05	07/14/05	10/05/05	12/22/05	2006 01/19/06	04/05/06	08/08/06	11/15/06	2007 02/06/07	04/03/07	07/25/07	10/22/07	2008 02/27/08	04/07/08	07/30/08	10/29/08
ORGANICS mg/L:																			
Diesel Range Organics (DRO)	GPS 10 (3)	2.6	1.4	2.3	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																			
Chloromethane	0.12	0.0024	ND	ND	0.018	0.018	0.018	0.0047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

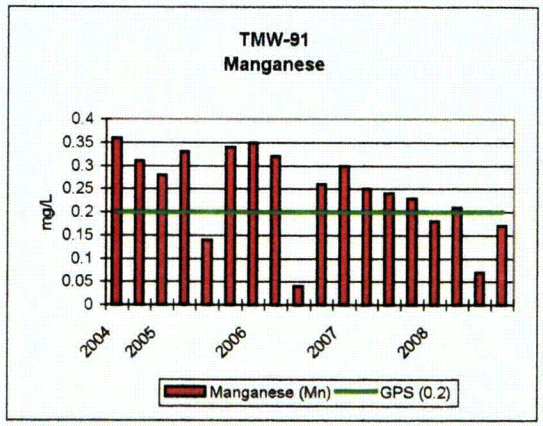
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

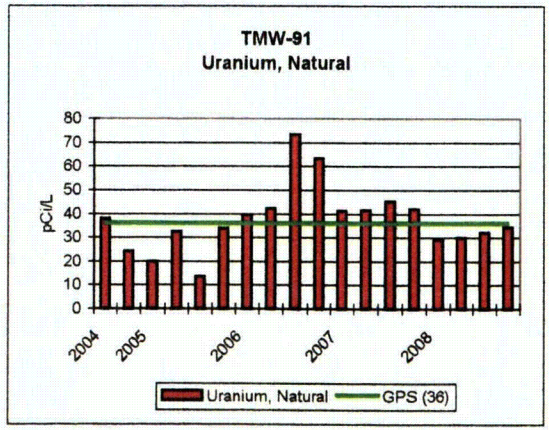

TMW-91
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-91
Nickel
mg/L
0.025
0.02
0.015
0.01
0.005
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)


TMW-91
TDS
mg/L
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-91
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-91
Manganese
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-91
Uranium, Natural
pCi/L
80
70
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

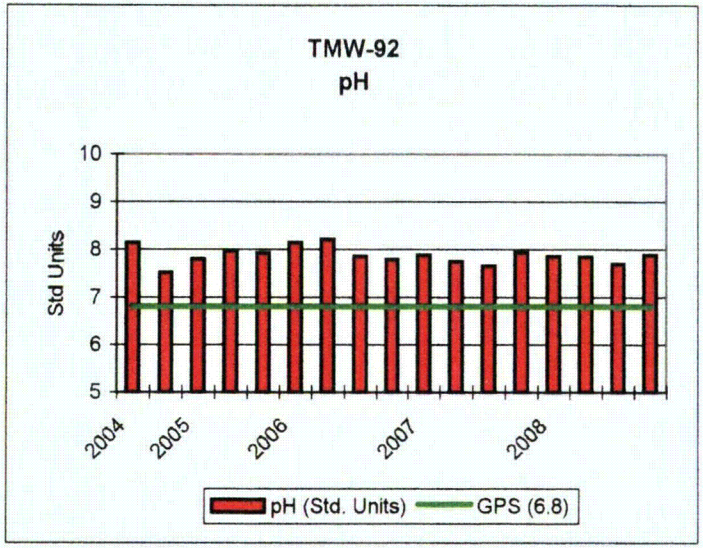
KENNECOTT URANIUM COMPANY																		
TMW-92		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	9/15/2004	3/2/2005	9/21/2005	2/20/2005	3/28/2006	4/5/2006	8/8/2006	11/9/2006	2/6/2007	4/3/2007	9/10/2007	1/13/2007	3/18/2008	5/18/2008	9/29/2008	1/11/2008
TDS A/C Balance *(dec. %)*		1.06	1.04	1.02	1	1.05	1.02	1.03	1.07	1.06	1	1.05	1	1.03	1.31	0.406	4.48	1.64
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		68	103	101	108	100	106	106	98	98	88	100	100	103	102	94	95	97
Arsenic (As)	GPS (.05)	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		65.3	176	170	105	216	192	194	168	189	238	227	266	240	276	285	296	292
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		15	22	21	11	26	31	23	24	24	31	29	33	36	35	36	35	32
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		738	1020	1050	758	1270	1190	1130	1120	1240	1360	1340	1520	1580	1550	1550	1540	1550
Cond-Field *(umhos/cm)*		640	720	700	44	940	820	730	1050	1129	1262	1203	1365	1303	1413	1361	1336	1332
Fluoride (F)		0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	**GPS (0.6)**	<0.05	0.13	0.15	<0.05	0.08	0.13	<0.05	<0.05	1.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	<1	3.8	5.6	3.4	5.4	2.7	2.3	3.3	3.4	3.4	4.7	7.3	3.9	7.1	10	6.4	4.4
Bicarbonate (HCO3)		83	126	123	132	122	130	129	120	120	107	122	122	125	124	115	116	119
Mercury (Hg)		0.001	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		15.4	4	4.6	3	4.3	15.6	5.7	4.9	3.9	4.4	4.7	4.4	4.8	4.5	4.6	4.7	4.5
Magnesium (Mg)		6.9	12.4	11.7	7.3	15.3	14.1	13.6	11.7	13.4	16.9	14.8	19.1	15.9	19.8	19.4	19.8	19.6
Manganese (Mn)	GPS (0.2)	0.01	0.11	0.11	0.07	0.14	0.12	0.11	0.1	0.12	0.13	0.13	0.16	0.13	0.15	0.15	0.15	0.15
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		65.5	49.1	47	38.7	54.6	49.4	49.2	49.6	49.6	56	51.8	59.3	55.3	61.3	61	62	59
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	0.95	<1	<1	2.3	<1	0.8	1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.16	7.53	7.82	7.98	7.94	8.16	8.22	7.87	7.8	7.9	7.76	7.66	7.95	7.87	7.86	7.71	7.9
pH (Field) *(Std. Units)*		8.6	7.1	6.9	7.49	7.39	7.58	7.71	7.54	7.23	7.18	7.54	7.5	7.5	7.6	7.7	7.5	7.5
Radium 226 *(pCi/L)*		1.6	2	2.6	2.4	2.6	3.8	2.1	2.8	3.6	3.2	2.2	4.4	3.9	4.8	4.6	3.1	3.3
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.6	2	7.3	5.4	11.9	11.7	17.3	9.4	11.7	11.6	10	12.7	25.3	16.3	14.6	12	13.4
Radium 228 *(pCi/L)*		<1	<1	4.7	2.9	9.3	7.9	15.2	6.6	8.1	8.4	7.8	8.3	21.4	11.5	10	8.9	10.1
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.8	12	12	13	13	14	14	12	12	13	14	13	13	13	7	15.5	14.1
Sulfate (SO4)		252	434	403	256	536	482	470	426	483	641	563	699	642	752	748	705	740
TDS @ 180° C.	**GPS (500)**	491	805	7.46	496	974	876	858	808	886	1030	1010	1150	1100	1270	1270	1280	1230
Temperature *(C)*		8	10	12	8.4	8.6	10.4	11.3	15.4	8.5	9.9	9	10.9	9.5	9	11.2	11	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	32.5	7.1	5.1	3.5	5.6	5.2	4.9	3.2	5.2	5.9	5.6	5.4	5.1	4.9	4.8	8.9	6.7
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.01	0.01	<0.01	<0.01	<0.01	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

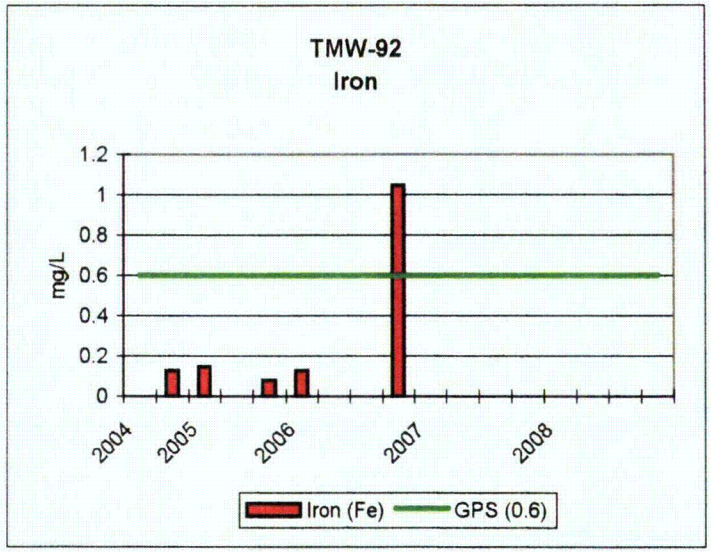
KENNECOTT URANIUM COMPANY

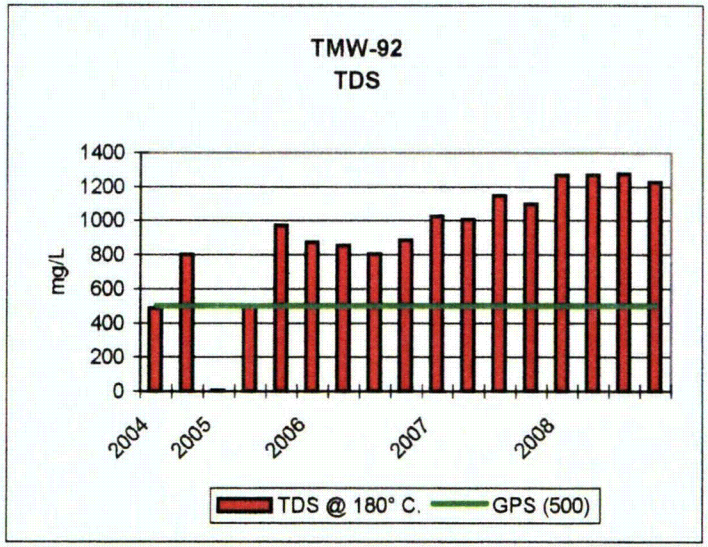
TMW-92

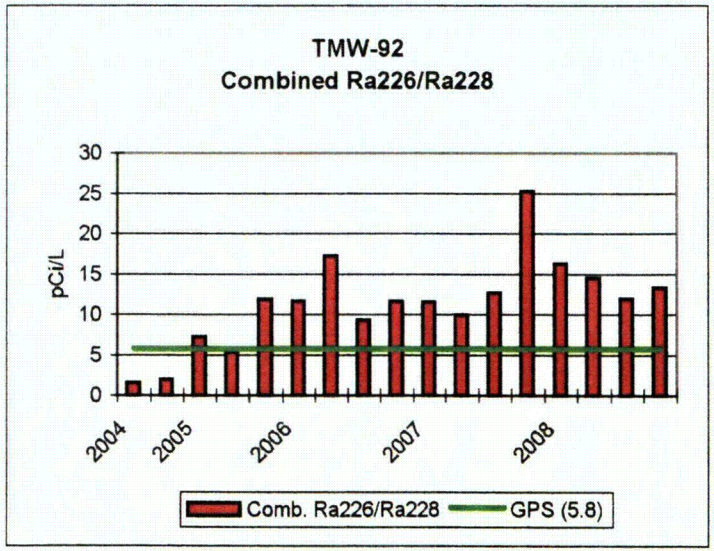
NORTHING: 148,504.47	Groundwater																						
EASTING: 323,951.33	Protection	2003			2004							2006				2007				2008			
ND = Non-detectable	Standard	12/3/03	12/10/03	12/16/03	1/13/04	2/16/04	3/17/04	4/12/04	5/11/04	6/10/04	12/20/05	3/28/06	4/5/06	8/8/06	11/9/06	2/6/07	4/3/07	9/10/07	11/13/07	3/18/2008	5/18/2008	9/29/2008	11/11/2008
ORGANICS mg/L:																							
Diesel Range Organics (DRO)	GPS 10 (3)	3.8	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																							
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.0035	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	GPS 10 (1)	ND	0.0012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-92
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-92
Iron
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)


TMW-92
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-92
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

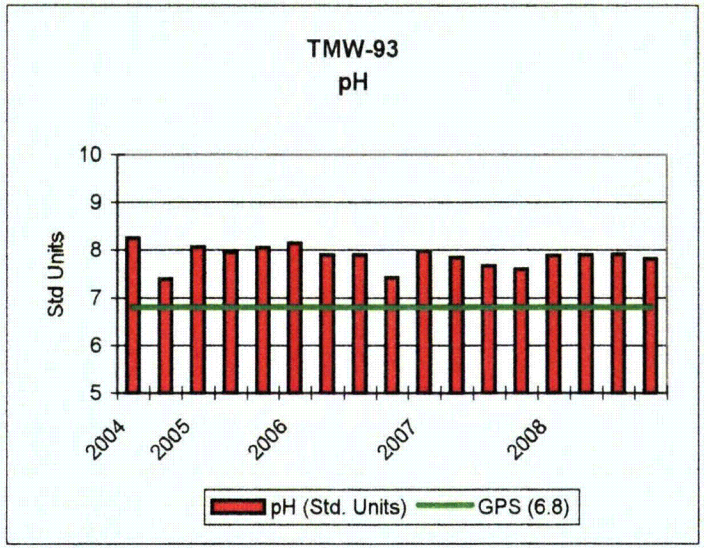
KENNECOTT URANIUM COMPANY																		
TMW-93		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/19/2004	9/23/2004	3/7/2005	9/21/2005	2/15/2006	3/15/2006	6/6/2006	9/12/2006	11/9/2006	3/5/2007	4/24/2007	9/10/2007	1/19/2007	3/9/2008	5/13/2008	9/24/2008	1/10/2008
TDS A/C Balance *(dec. %)*		0.95	1	1.01	1	0.99	1	0.96	0.97	1.01	1	1.01	1	0.96	1.31	3.84	-0.353	-0.25
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		69	97	115	130	128	132	132	132	129	123	124	143	142	140	138	137	142
Arsenic (As)	GPS (.05)	0.006	0.005	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		73.6	52.1	67.8	183	172	163	150	145	136	142	138	148	140	127	151	142	159
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		23.2	6	5	18	14	16	15	13	12	14	13	13	13	11	11	11	12
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		798	498	562	1140	1060	981	946	974	931	914	905	912	1150	861	904	889	982
Cond-Field *(umhos/cm)*		700	44	44	580	690	630	843	868	842	876	858	840	812	790	815	809	7.5
Fluoride (F)		0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	2.5	<1	<1	4.8	1.5	2.6	2.9	2.2	1.9	2.3	2.8	3.1	1.8	4.3	6	3.5	2.9
Bicarbonate (HCO3)		84.2	119	140	158	156	161	161	160	157	150	151	175	174	171	169	167	173
Mercury (Hg)		0.0015	0.0009	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		7.7	3.5	2.5	3.6	3.6	3.5	4	3.3	3.4	3.8	3.5	3.6	3.6	3.6	3.5	3.2	3.4
Magnesium (Mg)		7.6	5.1	5.9	14.6	14.5	13.3	12.6	10.9	10.3	11.1	10.9	11.4	10.5	8.9	10.9	10.6	11.2
Manganese (Mn)	GPS (0.2)	0.02	0.01	<0.01	0.11	0.11	0.1	0.09	0.1	0.08	0.09	0.08	0.08	0.07	0.07	0.07	0.08	0.09
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		84.1	49.3	42.4	48.3	48.8	50.1	47	46.7	45.1	47.2	45.2	47.6	46.4	42	46	41	46
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.5	2.1	1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.27	7.4	8.08	7.96	8.06	8.15	7.91	7.91	7.43	7.99	7.85	7.68	7.61	7.9	7.91	7.93	7.83
pH (Field) *(Std. Units)*		9.3	7.3	7.4	7.51	7.54	7.54	7.54	7.3	7.49	7.78	7.49	7.4	7.6	7.3	7.6	7.6	836
Radium 226 *(pCi/L)*		1.6	<0.2	0.7	3.5	2.3	<0.2	2.2	1.8	2.7	2.1	2.4	1.8	2.2	1.8	2.8	1.9	2
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.6	0	0.7	9.5	5.9	0	7.2	6.3	6.2	7.3	7.1	6.5	9.5	6.4	7.6	8	9.5
Radium 228 *(pCi/L)*		<1	<1	<1	6	3.6	<1	5	4.5	3.5	5.2	4.7	4.7	7.3	4.6	4.8	6.1	7.5
Selenium (Se)	GPS (.01)	0.004	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		11	10	10	13	14	13	14	13	13	13	13	14	13	14	8	16.4	16.4
Sulfate (SO4)		325	137	162	462	418	372	359	342	313	347	328	338	327	293	319	329	376
TDS @ 180° C.	**GPS (500)**	537	321	368	816	753	708	656	634	620	626	634	626	611	600	644	636	669
Temperature *(C)*		8	9	11	9.4	11.9	9.2	12.7	10.9	7.1	10.8	9.1	10	10.3	9.9	9.9	10.9	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	38.8	34.4	23.2	11	8	8.3	7.1	6.8	6.3	7.1	7.5	6.8	6.5	5.8	7.5	12.5	9.1
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

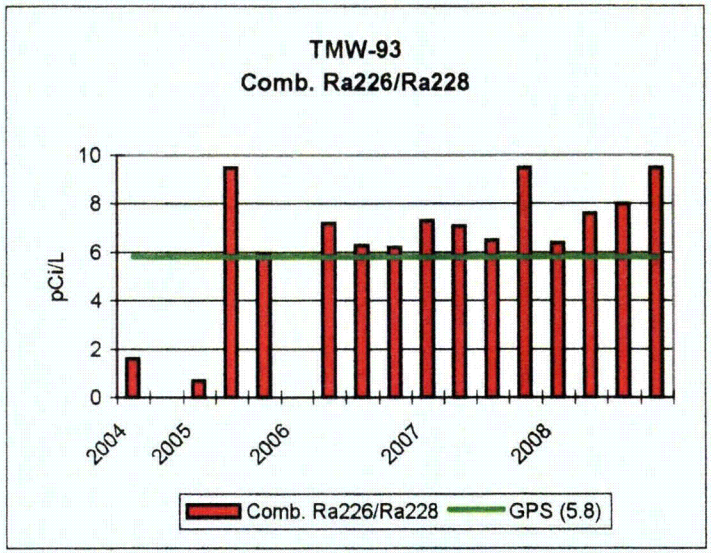
KENNECOTT URANIUM COMPANY

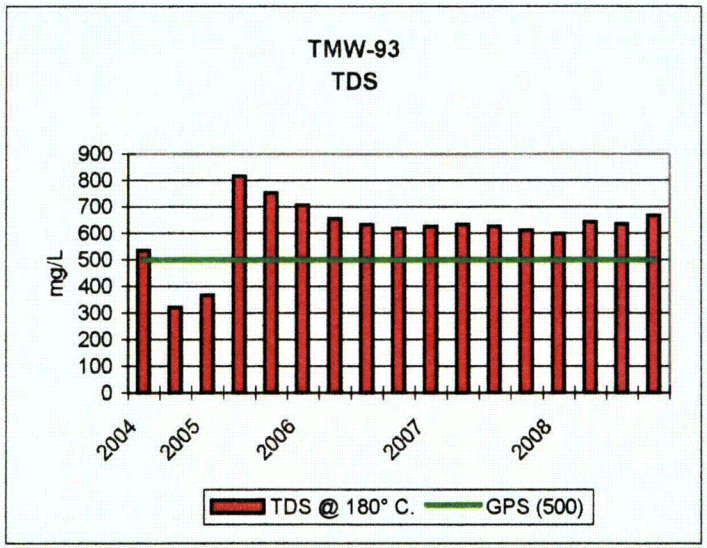
TMW-93

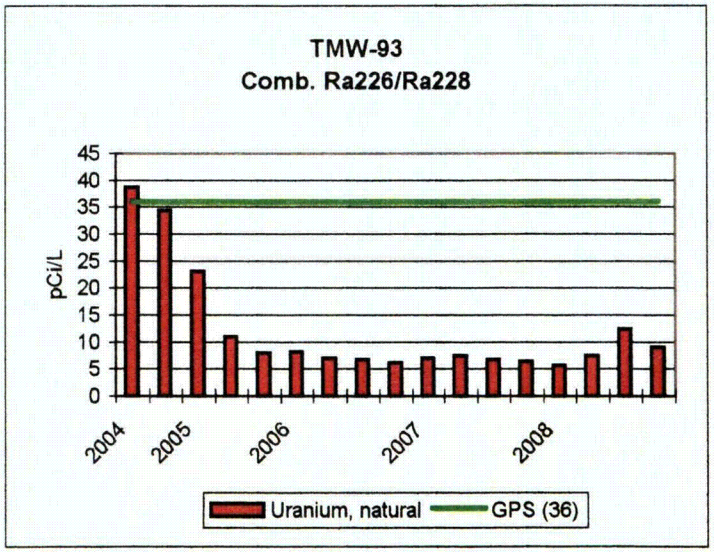
NORTHING: 148,399.92 EASTING: 324,099.96	Groundwater Protection Standard	2004			2006				2007				2008		
ND = Non-detectable		1/19/2004	02/16/04	12/15/05	03/15/06	06/06/06	09/12/06	11/09/06	03/05/07	04/24/07	09/10/07	11/19/07	3/9/2008	5/13/2008	11/10/2008
ORGANICS mg/L:															
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:															
Chloromethane	0.12	ND	ND	0.0057	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-93
pH
Std Units
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-93
Comb. Ra226/Ra228
pCi/L
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-93
TDS
mg/L
900
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

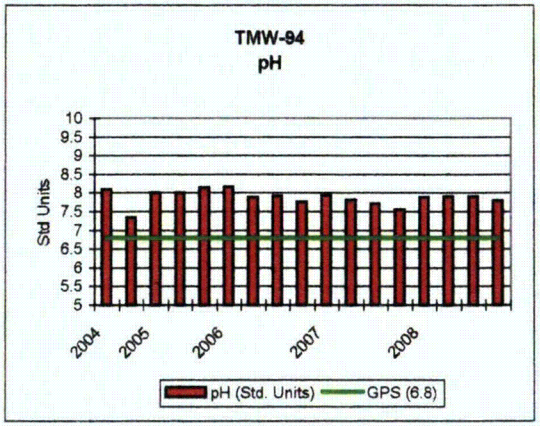

TMW-93
Comb. Ra226/Ra228
pCi/L
45
40
35
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

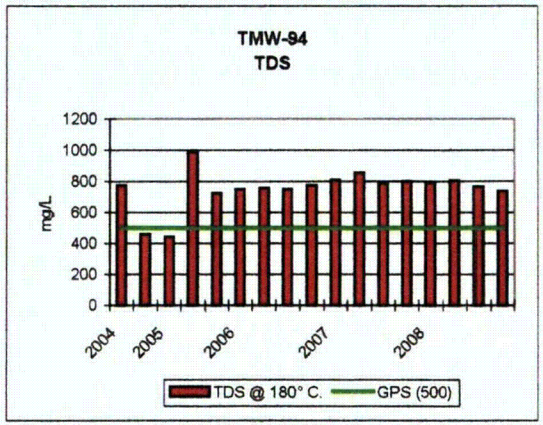
KENNECOTT URANIUM COMPANY																		
TMW-94		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/14/2004	9/22/2004	3/7/2005	9/21/2005	2/15/2006	3/15/2006	6/6/2006	9/12/2006	11/9/2006	3/5/2007	4/24/2007	9/10/2007	1/19/2007	3/9/2008	5/13/2008	9/24/2008	1/10/2008
TDS A/C Balance *(dec. %)*		1.02	1.04	0.97	1.03	0.87	1	0.97	0.94	1.03	0.96	1.05	0.94	0.97	2.67	1.73	-0.229	1.62
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		98	113	110	115	130	138	136	130	128	130	126	142	141	143	136	137	138
Arsenic (As)	GPS (.05)	0.006	0.002	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		132	48	72.7	212	172	175	174	179	170	187	185	189	184	176	191	176	181
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		17.6	10	11	21	16	16	18	21	16	19	18	17	18	16	14	15	14
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		789	668	668	1310	1020	1030	1060	1140	1120	1130	1150	1120	921	1080	1090	1040	1060
Cond-Field *(umhos/cm)*		960	460	520	680	680	660	1050	1022	1028	1087	1080	1025	1001	1013	997	952	923
Fluoride (F)		0.2	0.3	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.052	<0.05	<0.05	<0.05	<0.05	<0.05	0.09	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	0.1	ND
Gross Alpha *(pCi/L)*	GPS (15)	7	<1	1.4	5.4	1.8	3.5	3.7	3	3.9	4.2	3.6	5.8	2.4	7.1	6.8	4.6	3.2
Bicarbonate (HCO3)		120	138	135	140	159	168	165	158	157	159	154	174	172	175	166	167	169
Mercury (Hg)		0.0019	0.0014	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.8	4.2	4.1	3.9	3.8	3.6	4.3	4.3	3.8	4.2	4	4.1	4	4	4	3.5	3.8
Magnesium (Mg)		10.2	5.9	7.6	15.1	12.5	12.2	12.7	11.9	11.6	13.5	13.1	13	12.6	10.9	12.5	12.2	11.4
Manganese (Mn)	GPS (0.2)	0.07	<0.01	<0.01	0.14	0.11	0.1	0.11	0.12	0.12	0.13	0.12	0.12	0.11	0.12	0.11	0.1	0.11
Molybdenum (Mo)		0.02	0.03	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		85.9	93.9	69.1	56.5	49.2	52.8	51.3	49.8	49.8	52.8	50.9	53.8	52.9	48	52	46	49
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	19	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.6	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.09	7.34	8.01	8	8.15	8.16	7.89	7.92	7.77	7.93	7.82	7.71	7.55	7.88	7.9	7.91	7.8
pH (Field) *(Std. Units)*		8.5	7.3	7.1	7.56	7.61	7.49	7.41	7.32	7.39	7.74	7.51	7.6	7.6	7.6	7.6	7.6	7.6
Radium 226 *(pCi/L)*		1	0.6	0.5	3.9	1.9	3.3	2.7	2.3	3.8	3.8	2.4	3	2.7	2.9	4.4	2.6	3
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1	0.6	0.5	9.1	3.6	5.9	10.1	11	10	11.7	11.3	11.1	19.1	9.6	11.9	10.5	12.9
Radium 228 *(pCi/L)*		<1	<1	<1	5.2	1.7	2.6	7.4	8.7	6.2	7.9	8.9	8.1	16.4	6.7	7.5	7.9	9.9
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.2	11	13	14	15	15	15	14.3	14	15	14	16	15	16	9	18.2	17
Sulfate (SO4)		444	202	215	565	400	395	429	439	407	474	454	461	455	443	451	422	415
TDS @ 180° C.	**GPS (500)**	774	459	443	986	726	750	760	752	774	810	854	786	801	792	804	768	739
Temperature *(C)*		8	10	8	9.6	10.7	10.8	11.8	11.7	8	10.6	10	11	9.9	8.8	10.7	12	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0	0	0.1	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	27.8	18.2	15.8	8.1	7	6.1	6.6	4.8	4.7	5.2	5.8	4.3	4.4	3.9	4.3	11.5	7
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

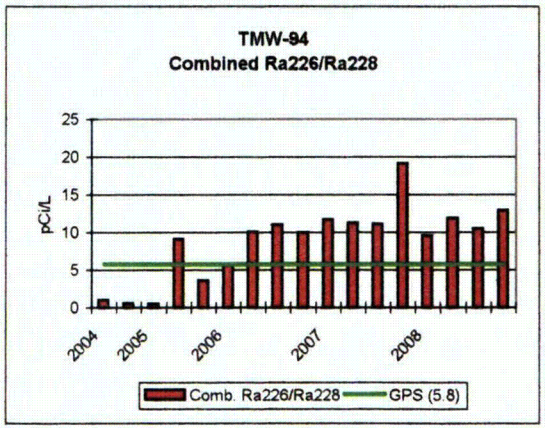
KENNECOTT URANIUM COMPANY
TMW-94

NORTHING: 148,400.13 EASTING: 324,000.02 ND = Non-detectable	Groundwater Protection Standard	2004 1/14/2004	02/16/04	12/15/05	2006 03/15/06	06/06/06	09/12/06	11/09/06	2007 03/05/07	04/24/07	09/10/07	11/19/07	2008 3/9/2008	5/13/2008	11/10/2008
ORGANICS m/L:															
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:															
Chloromethane	0.12	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-94
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-94
TDS
mg/L
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

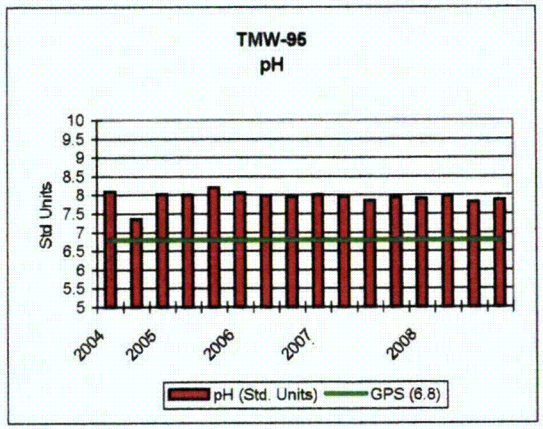

TMW-94
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

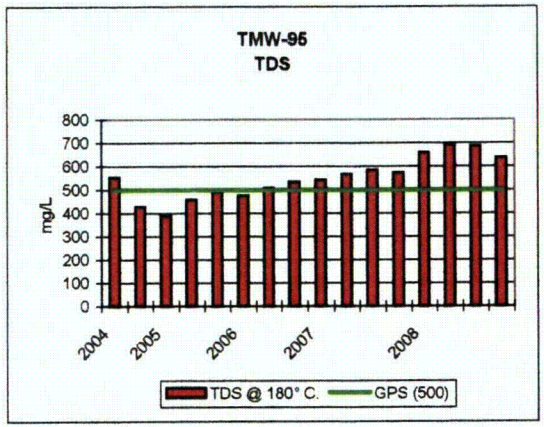
KENNECOTT URANIUM COMPANY																	
TMW-95		2004		2005			2006			2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/14/2004	9/23/2004	3/7/2005	9/22/2005	12/15/2005	3/7/2006	9/11/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/13/2007	3/9/2008	5/18/2008	9/29/2008	11/10/2008
TDS A/C Balance *(dec. %)*		1.01	0.98	0.97	1	0.97	0.94	0.93	0.99	0.95	1.04	0.97	0.99	2.26	4	2.26	0.135
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		149	109	105	115	112	122	120	121	125	121	131	135	135	126	127	131
Arsenic (As)	GPS (.05)	0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		99.4	66.1	69.8	95.8	114	111	119	121	124	120	132	122	135	153	152	154
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10.1	11	7	11	9	10	11	10	12	11	12	13	12	12	13	13
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1080	635	598	706	731	731	826	822	798	821	860	913	894	913	929	937
Cond-Field *(umhos/cm)*		760	460	440	420	500	540	727	773	787	770	803	797	839	862	834	832
Fluoride (F)		0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.7	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.056	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	ND	ND
Gross Alpha *(pCi/L)*	GPS (15)	1.5	1	1.6	4.3	2.1	5	2	3	3.7	3.6	6.3	3.4	6.9	9.7	6.6	4.1
Bicarbonate (HCO3)		182	133	128	140	137	149	146	148	152	148	160	165	164	154	155	160
Mercury (Hg)		0.0008	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.3	3.6	3.3	2.8	3.2	3	3.2	3.2	3.5	3.3	3.5	3.8	3.6	3.8	3.6	3.6
Magnesium (Mg)		7.1	6.6	6.6	5.8	7	6.4	6.9	7.1	7.4	7.1	8	6.6	7.3	8.7	8.5	8.6
Manganese (Mn)	GPS (0.2)	0.04	<0.01	<0.01	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.08	0.09
Molybdenum (Mo)		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		59.7	69.4	53.4	39.1	41	42.4	44	42.9	45.3	43.5	45.6	45	43	49	48	46
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.09	7.36	8.03	8	8.2	8.06	7.99	7.96	8.01	7.95	7.85	7.94	7.91	7.97	7.81	7.86
pH (Field) *(Std. Units)*		8.8	7.3	7.4	7.21	7.29	7.9	7.49	7.33	7.75	7.87	7.6	7.6	7.7	7.7	7.5	7.6
Radium 226 *(pCi/L)*		1.4	<0.2	0.5	2.8	2.2	3.6	2.4	7	3.3	2.6	3.3	3.7	3.2	4.5	2.5	3.6
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	5.3	0	0.5	7	6	10	7	18.2	7.2	6.5	7	17.9	11.8	12.3	9.7	14.4
Radium 228 *(pCi/L)*		3.9	<1	<1	4.2	3.8	6.4	4.6	11.2	3.9	3.9	3.7	14.2	8.6	7.8	7.2	10.8
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		15.2	14	14	14	15	14	14	14	14	14	14	15	15	9	18.3	17.8
Sulfate (SO4)		278	200	184	221	252	243	275	271	290	274	307	289	323	331	340	359
TDS @ 180° C.	**GPS (500)**	552	428	390	458	493	475	508	534	542	566	584	572	659	693	687	636
Temperature *(C)*		8	8	9	9	8.9	9.4	11.4	8.9	8.7	9.6	10.9	9.7	9	10.7	11.2	10
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.02	0.1	0	0	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	6	10.8	9	2.2	1.7	1.9	1.9	2.1	2.1	2.3	1.9	1.9	1.7	1.9	5.1	5
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

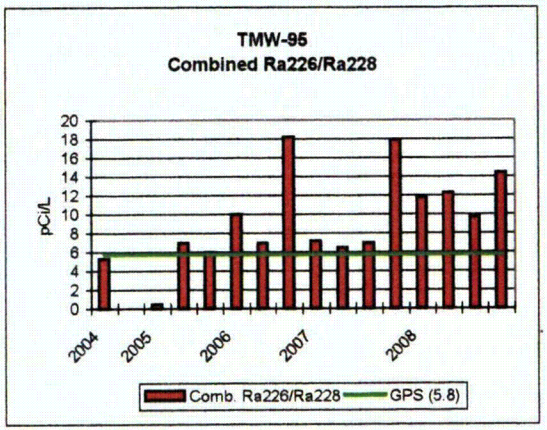
KENNECOTT URANIUM COMPANY
TMW-95

NORTHING: 148,399.94 EASTING: 323,900.08 ND = Non-detectable	Groundwater Protection Standard	2004 1/14/2004	02/16/04	12/15/05	2006 03/07/06	09/11/06	11/19/06	2007 03/07/07	04/24/07	09/12/07	11/13/07	2008 3/9/2008	5/18/2008	9/29/2008	11/10/2008
ORGANICS mg/L:															
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:															
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-95
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-95
TDS
mg/L
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-95
Combined Ra226/Ra228
pCi/L
20
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY																		
TMW-96		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/3/2004	9/20/2004	3/3/2005	7/18/2005	10/31/2005	1/23/2006	4/10/2006	7/3/2006	10/7/2006	3/28/2007	4/24/2007	7/25/2007	10/2/2007	2/24/2008	4/14/2008	7/30/2008	0/14/2008
TDS A/C Balance *(dec. %)*		1.07	1.06	1.04	1.03	0.99	1.01	1.01	1.01	1	1	1.02	1.2	1.07	3.79	2.53	2.61	-1.16
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		144	151	148	117	113	112	112	110	113	118	118	122	121	121	116	119	118
Arsenic (As)	*GPS (.05)*	0.002	0.002	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		374	485	516	186	175	168	183	183	187	274	182	143	167	173	195	184	192
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		95	167	145	28	26	24	27	33	25	52	26	27	30	24	23	23	27
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.007	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		2330	2850	2770	1100	1100	1060	1090	1130	1110	1640	1130	1140	1170	1140	1080	1150	1150
Cond-Field *(umhos/cm)*		1360	1140	1460	560		760	720	1051	1049		1062	1084	999	1037	981	1022	1012
Fluoride (F)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	0.12	<0.05	0.07	<0.05	ND	<0.05	0.14	<0.05	0.08	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	8.1	4.9	7.9	3.2	4.7	4	5.4	2.5	4.6	8.1	4.5	4	6.7	8	6.9	3.8	4.1
Bicarbonate (HCO3)		176	184	180	142	138	137	137	134	137	143	144	149	147	147	142	145	144
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002
Potassium (K)		5.4	7.5	6.2	3.7	3.7	3.5	3.5	3.8	3.6	6.8	4	3	4.2	4	3.9	4.1	3.9
Magnesium (Mg)		65.4	72.5	71.6	14.5	12.4	11.9	12.6	11.7	12.8	25.9	13.4	9.5	11.5	11.5	13.8	12.1	13.1
Manganese (Mn)	**GPS (0.2)**	0.14	0.23	0.12	0.08	0.11	0.11	0.1	0.11	0.11	0.11	0.1	0.09	0.12	0.12	0.12	0.16	0.12
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		103	118	129	50.1	46.6	47	48.2	50.6	51.4	66.9	51.4	38.8	49.6	49	52	54.1	51
Nickel (Ni)	GPS (.01)	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		1.77	1.27	1.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.68	7.17	7.68	7.93	8.1	8.16	8.14	7.92	7.9	7.91	7.82	7.69	7.84	7.72	7.84	7.65	7.83
pH (Field) *(Std. Units)*		7.6	7.1	6.6	7.7		7.35	7.96	7.69	7.69		7.46	7.6	7.7	6.9	7.8	7.6	7.6
Radium 226 *(pCi/L)*		5.5	6.6	4.4	3.8	3.5	2.3	2.4	1.7	3	4.7	2.4	1.6	2.4	4.1	2.4	2.2	3.4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	5.5	16	12.4	8.9	7.8	7.7	8.4	6.6	12.7	15.8	10.5	5.4	10.3	8.5	9.4	7.5	11.2
Radium 228 *(pCi/L)*		<1	9.4	8	5.1	4.3	5.4	6	4.9	9.7	11.1	8.3	3.8	7.9	4.4	7	5.3	7.8
Selenium (Se)	**GPS (.01)**	0.034	0.066	0.054	<0.001	0.001	<0.001	0.001	0.001	0.001	0.052	0.002	0.001	0.002	<0.001	0.003	0.002	0.002
Silica (SiO2)		8.2	11	11	14	14	14	15	15	14	12	14	12	15	14	7	10.1	15.8
Sulfate (SO4)		1060	1340	1360	429	417	417	446	460	443	718	445	343	430	464	460	495	487
TDS @ 180° C.	**GPS (500)**	1910	2430	2430	818	754	757	814	828	806	1230	820	782	832	767	801	834	819
Temperature *(C)*		8	10	11	11		8.7	9.1	14.3	10.6		8.8	13.3	9.5	9.2	11.7	16.2	9.3
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	572	760	683	45.6	20.4	15.3	20.5	15.6	16.6	187	34.5	15.8	26	25.7	25.4	18.9	20.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

KENNECOTT URANIUM COMPANY

TMW-96

NORTHING: 148,500.01 EASTING: 323,807.75 ND = Non-detectable	Groundwater Protection Standard	2004 3/3/2004	04/13/04	05/11/04	06/10/04	07/13/04	08/05/04	09/20/04	10/20/04	11/08/04	12/07/04	2005 01/18/05	02/07/05	03/03/05	04/12/05	05/10/05	07/18/05	10/31/05
ORGANICS mg/L:																		
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																		
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	0.0022	0.0021	0.0011	0.0016	0.0016	0.0019	0.0015	0.0015	0.0016	0.0016	0.0019	0.0018	0.0014	0.0015	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	0.001	0.0011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	0.006	0.014	0.015	0.0046	0.0063	0.0072	0.0058	0.0063	0.0066	0.0077	0.0062	0.0064	0.005	0.0057	0.0063	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

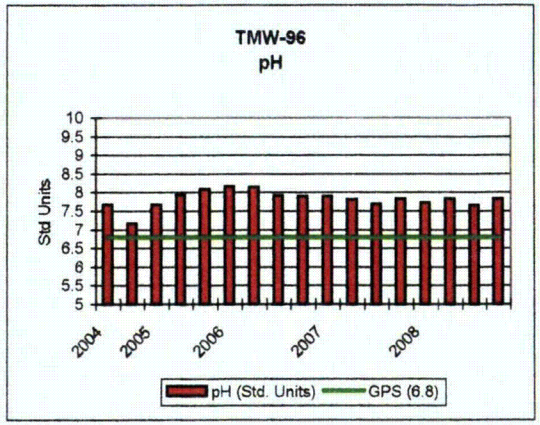
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

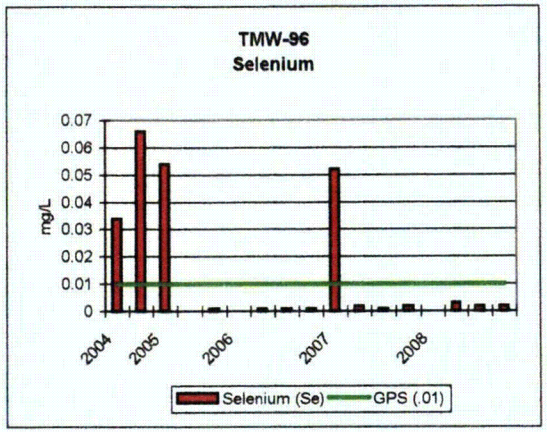
KENNECOTT URANIUM COMPANY

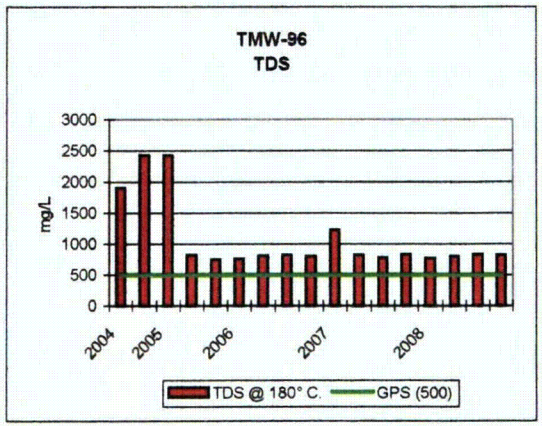
TMW-96

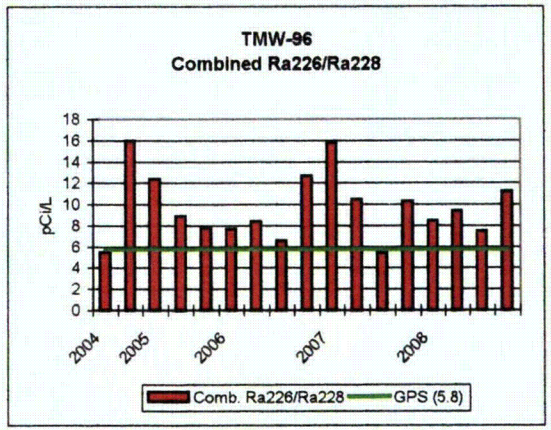
NORTHING: 148,500.01 EASTING: 323,807.75 ND = Non-detectable	Groundwater Protection Standard	2006 01/23/06	04/10/06	07/03/06	10/07/06	04/24/07	07/25/07	10/02/07	2008 02/24/08	04/14/08	07/30/08	10/14/08
ORGANICS mg/L:												
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:												
Bromomethane		0.0025	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	0.12	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	0.015	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND

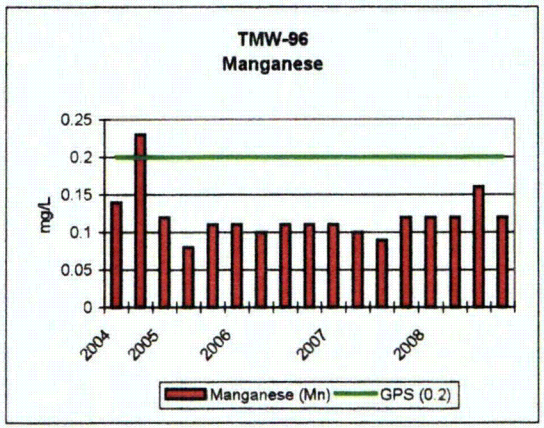
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

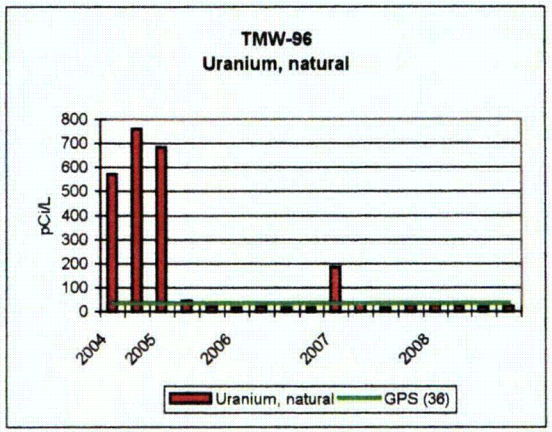

TMW-96
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-96
Selenium
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Selenium (Se)
GPS (.01)


TMW-96
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-96
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-96
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-96
Uranium, natural
pCi/L
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

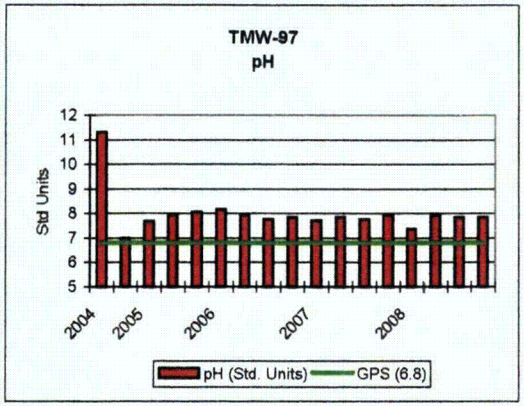
KENNECOTT URANIUM COMPANY																		
TMW-97		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/3/2004	9/22/2004	3/7/2005	9/21/2005	10/31/2005	3/15/2006	6/6/2006	9/11/2006	11/9/2006	3/28/2007	4/24/2007	9/12/2007	11/7/2007	3/18/2008	5/20/2008	9/30/2008	11/10/2008
TDS A/C Balance *(dec. %)*		1.02	1.04	1.08	1.02	0.96	1	0.97	0.94	1.03	1.03	1.02	0.96	0.95	2.28	3.65	7.12	-4
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		50.7	141	144	113	107	101	100	94	98	120	100	103	102	104	97	97	98
Arsenic (As)	GPS (.05)	0.002	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		65.6	386	459	194	180	140	148	140	141	257	145	151	150	137	152	155	146
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10.2	63	56	29	25	20	21	19	19	37	20	21	20	19	19	18	19
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		35.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	**GPS (.05)**	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		848	1640	2460	1220	1110	885	935	941	956	1640	947	936	948	904	885	909	949
Cond-Field *(umhos/cm)*		660	1000	1500	620		600	882	797	816		871	865	852	791	867	815	790
Fluoride (F)		0.2	0.1	<0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.2
Iron (Fe)	**GPS (0.6)**	<0.05	<0.05	0.05	<0.05	0.18	<0.05	<0.05	<0.05	<0.05	1.07	<0.05	0.06	0.05	<0.05	<0.05	0.11	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.1	4.3	9.8	7.9	3.7	2.7	2.1	2.1	2.3	11.8	3	5.7	2.8	4.2	3.7	3	2.8
Bicarbonate (HCO3)		3.3	172	175	138	131	123	121	115	119	146	122	125	124	127	118	118	120
Mercury (Hg)		0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		27	6.8	6.1	3.6	3.7	3	3.7	3.1	3.2	7.8	3.4	3.4	3.5	3.1	3.3	3.4	3.2
Magnesium (Mg)		7.4	59.3	74.3	14.9	13	9.8	11.9	9.6	10.4	27.4	11.6	11.2	11.2	10.1	10.7	10.8	10.2
Manganese (Mn)	**GPS (0.2)**	<0.01	0.2	0.27	0.12	0.11	0.08	0.1	0.09	0.1	0.45	0.1	0.1	0.09	0.08	0.1	0.09	0.1
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		62.4	95.9	99.3	49.3	46.3	45.2	44.5	43.7	43.2	60.4	45	45.5	47.1	44	43.7	45	44
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		2.42	0.76	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	**GPS (8.9)**	37	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.9	0.3	0.4
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	11.3	7	7.69	7.96	8.06	8.18	7.95	7.78	7.85	7.71	7.84	7.78	7.93	7.36	7.93	7.86	7.85
pH (Field) *(Std. Units)*		11.7	6.9	6.7	7.42		7.58	7.62	7.48	7.62		7.82	7.6	7.7	7.7	7.6	7.5	7.6
Radium 226 *(pCi/L)*		0.9	5.7	5.5	3.6	4	1.1	2.2	4.1	2.1	5.7	2.1	2.3	2.4	2.6	1.8	1.8	1.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	0.9	14.1	18.2	9.5	11.5	4.7	14.6	9.2	10.5	21.1	7.1	7.4	9.4	9.3	8.3	7.1	10.9
Radium 228 *(pCi/L)*		<1	8.4	12.7	5.9	7.5	3.6	12.4	5.1	8.4	15.4	5	5.1	7	6.7	6.5	5.3	9.1
Selenium (Se)	**GPS (.01)**	0.055	0.03	0.004	<0.001	<0.001	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		7.4	11	9	14	14	14	14	14	14	13	14	14	14	14	8	17.5	16.5
Sulfate (SO4)		246	1100	1250	193	439	359	368	347	339	705	361	375	372	359	348	325	406
TDS @ 180° C.	**GPS (500)**	470	1880	2210	886	756	624	650	598	648	1210	670	654	644	626	670	664	658
Temperature *(C)*		8	9	10	8.9		9.7	15.4	11.8	7.2		8.4	13.3	10.6	8	12.6	11.7	10.6
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	66.3	398	548	28.7	15.9	11.7	24.6	13.1	19.2	216	37.5	21.2	29	19.2	18	20.9	18.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

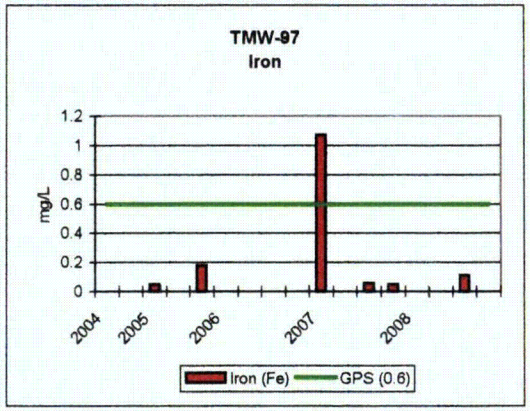
KENNECOTT URANIUM COMPANY

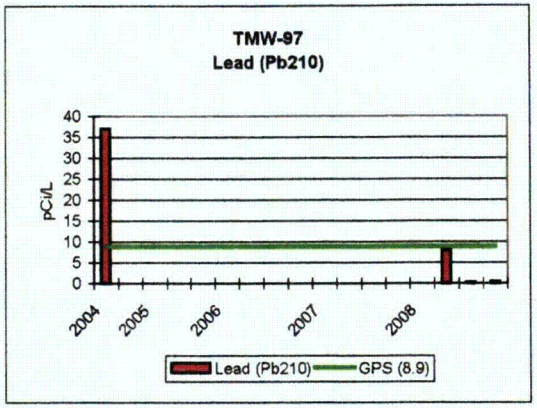
TMW-97

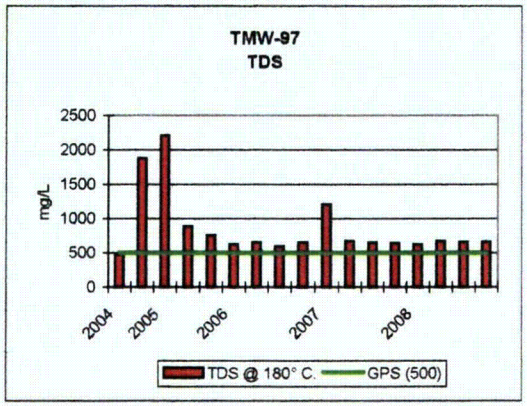
NORTHING: 148,599.86 EASTING: 323,799.93 ND = Non-detectable	Groundwater Protection Standard	2004 3/3/04	6/14/05	9/21/05	10/31/05	2006 3/15/06	6/6/06	9/11/06	11/9/06	3/28/07	4/24/07	9/12/07	11/7/07	2008 3/18/2008	5/20/2008	9/30/2008	11/10/2008
ORGANICS mg/L:																	
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																	
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

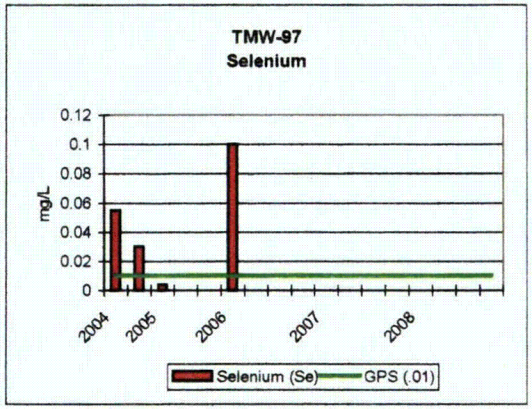
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

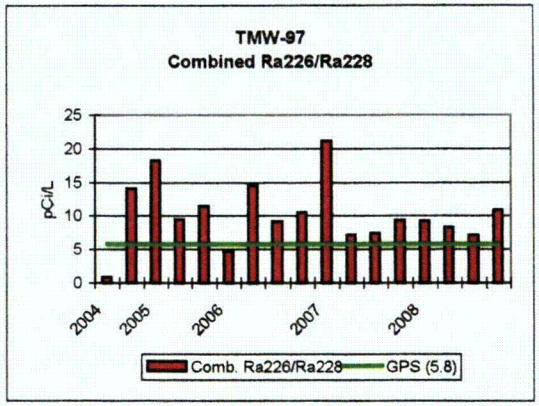

TMW-97
pH
Std Units
12
11
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

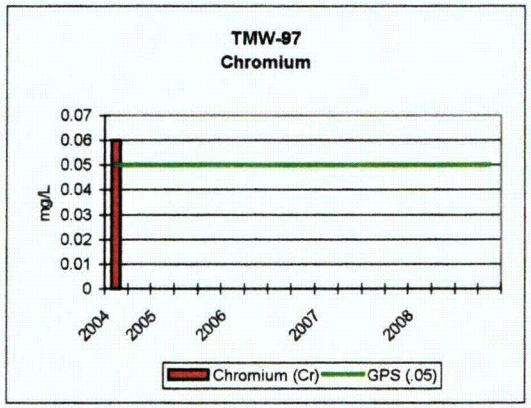

TMW-97
Iron
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

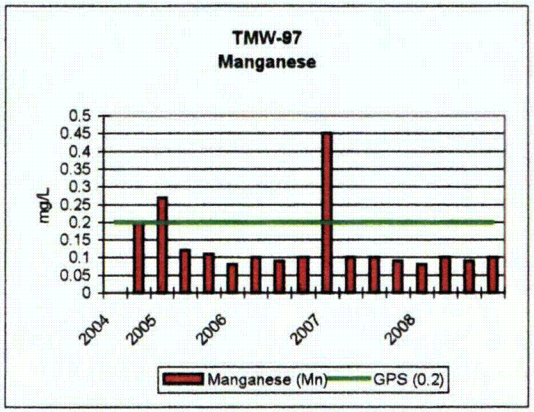

TMW-97
Lead (Pb210)
pCi/L
40
35
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Lead (Pb210)
GPS (8.9)

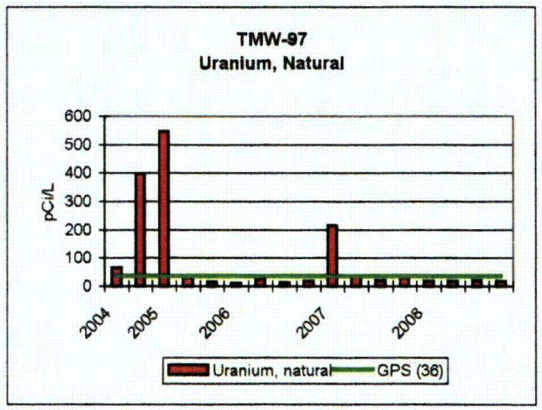

TMW-97
TDS
mg/L
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-97
Selenium
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
2004
2005
2006
2007
2008
Selenium (Se)
GPS (.01)


TMW-97
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-97
Chromium
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Chromium (Cr)
GPS (.05)


TMW-97
Manganese
mg/L
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-97
Uranium, Natural
pCi/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

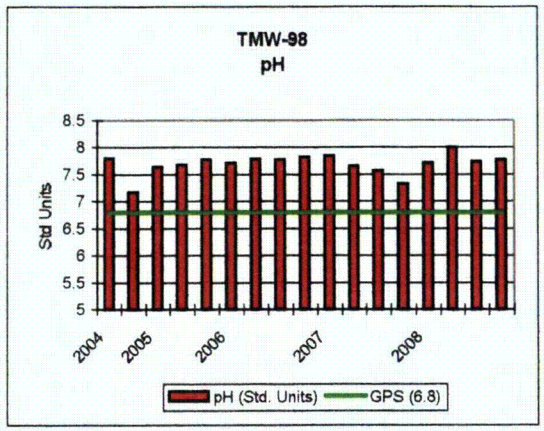
KENNECOTT URANIUM COMPANY																		
TMW-98		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/23/2004	9/20/2004	3/7/2005	9/21/2005	12/20/2005	3/7/2006	6/6/2006	9/12/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/19/2007	3/18/2008	5/18/2008	9/24/2008	11/11/2008
TDS A/C Balance *(dec. %)*															4.68	1.4	1.52	1.07
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		108	141	135	141	122	128	116	110	107	107	118	121	122	121	112	113	111
Arsenic (As)	GPS (.05)	0.002	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		189	546	552	486	344	397	282	297	247	184	311	325	349	282	322	299	269
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		36	107	86	78	49	51	48	47	44	29	45	44	49	37	36	31	33
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.001	ND
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1220	2520	2680	2540	1920	2070	1620	1770	1520	1140	1740	1870	1910	1680	1710	1610	1480
Cond-Field *(umhos/cm)*		560	1160	1580	850	1110	1250	1533	1531	1387	1072	1593	1623	1649	1555	1510	1415	1276
Fluoride (F)		0.2	<0.1	<0.1	<0.1	0.1	0.1	0.2	<0.1	0.1	0.1	0.2	0.1	<0.1	0.1	<0.1	<0.1	0.1
Iron (Fe)	**GPS (0.6)**	<0.05	0.75	0.82	<0.05	0.26	0.23	<0.05	<0.05	<0.05	0.15	0.08	0.08	0.08	0.11	0.26	0.26	0.18
Gross Alpha *(pCi/L)*	GPS (15)	2.9	5.3	11.2	8.7	6.5	6.4	3.6	2.1	2.6	3.2	4.2	5.9	3.1	5	8.4	3.9	2.5
Bicarbonate (HCO3)		132	172	165	173	149	156	142	134	131	131	145	147	148	148	136	138	135
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		4.9	8.3	7	6	5.1	5.5	5.2	5.1	4.5	4.1	4.9	5.1	5.8	5.8	5.1	4.7	4.7
Magnesium (Mg)		16.2	45.1	47.4	42.1	31.9	36	26.2	24.7	20	14.5	25	30.2	32.5	24.8	27.7	28.6	23.3
Manganese (Mn)	**GPS (0.2)**	0.11	0.38	0.36	0.32	0.24	0.29	0.2	0.21	0.16	0.1	0.2	0.24	0.28	0.24	0.24	0.23	0.19
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		56.3	89.6	100	88.6	76.4	81.2	65	63	59.5	53.2	62.7	64.2	67.5	57	61	52	53
Nickel (Ni)	GPS (.01)	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.6	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.8	7.17	7.64	7.68	7.77	7.71	7.79	7.77	7.82	7.85	7.66	7.57	7.33	7.72	8	7.74	7.77
pH (Field) *(Std. Units)*		7.9	6.7	6.8	7.1	7.26	7.37	7.31	7.36	7.28	7.76	7.43	7.4	7.1	7.4	7.5	7.3	7.3
Radium 226 *(pCi/L)*		2.6	8.1	6.1	5.7	2.6	3.1	1.7	2.3	2.2	2.1	2.7	3.2	3.1	3.3	2.8	1.7	1.9
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	2.6	19.8	18.8	16.5	10.8	11	7.8	7.6	7.5	7.4	8.3	9.1	11.1	12.3	10.5	9.8	11
Radium 228 *(pCi/L)*		<1	11.7	12.7	10.8	8.2	7.9	6.1	5.3	5.3	5.3	5.6	5.9	8	9	7.7	8.1	9.1
Selenium (Se)	GPS (.01)	0.003	0.003	0.002	0.002	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.7	14	15	14	14	13	14	12.7	13	13	13	13	12	12	7	13.8	12.7
Sulfate (SO4)		508	1410	1460	1320	907	1030	760	619	638	473	790	870	944	824	833	765	684
TDS @ 180° C.	**GPS (500)**	905	2400	2430	2260	1580	1550	1280	1300	1110	798	1420	1450	1520	1400	1430	1340	1120
Temperature (C)		8	10	10	8.9	7.4	10.1	13.7	15.7	8	9.2	9	10.8	10.8	9.4	11.4	10.3	9.7
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	0.9	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	118	35.4	40	31.9	24.9	37.9	20.1	22.5	15	10.9	31	37.4	38.3	40.5	35.4	56.2	32.5
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	0.02	<0.01

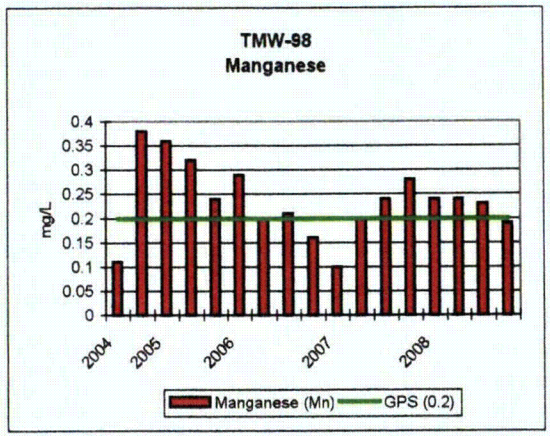
KENNECOTT URANIUM COMPANY

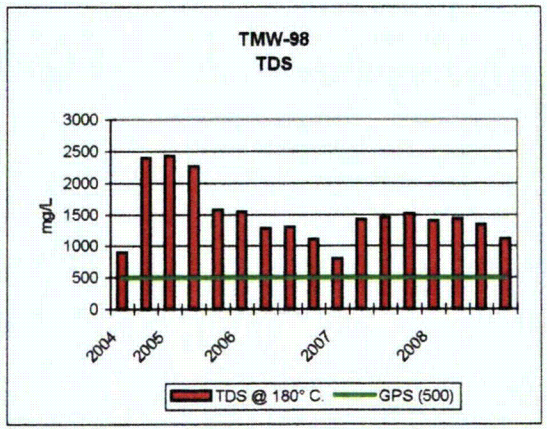
TMW-98

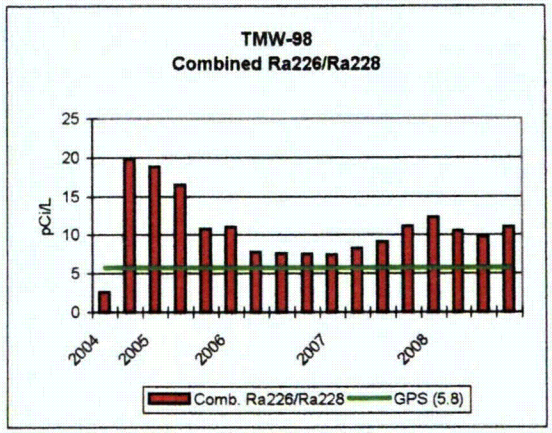
NORTHING: 148699.84	Groundwater															
EASTING: 323810.19	Protection	2004				2006				2007				2008		
ND = Non-detectable	Standard	2/23/04	6/9/05	9/21/05	12/20/05	3/7/06	6/6/06	9/12/06	11/19/06	03/07/07	04/24/07	09/12/07	11/19/07	03/18/08	05/18/08	11/11/08
ORGANICS mg/L:																
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																
Chloromethane	0.12	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

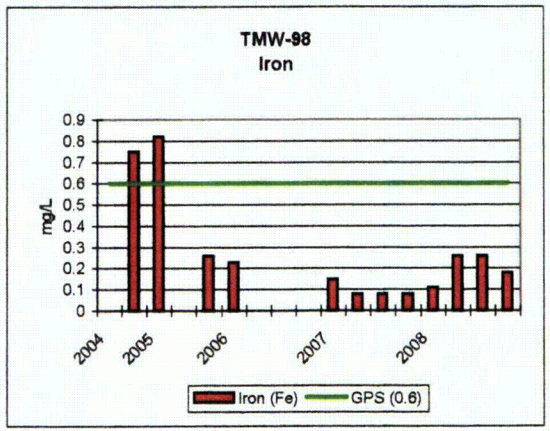
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

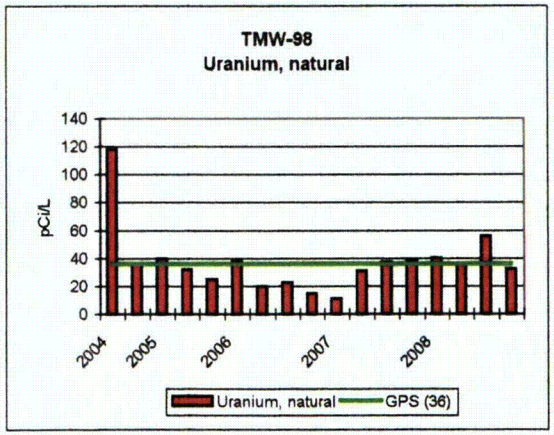

TMW-98
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-98
Manganese
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-98
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-98
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

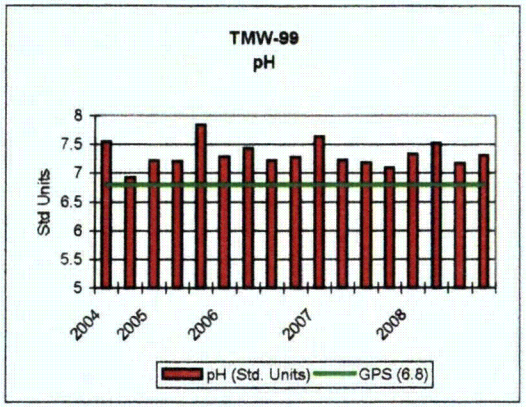

TMW-98
Iron
mg/L
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

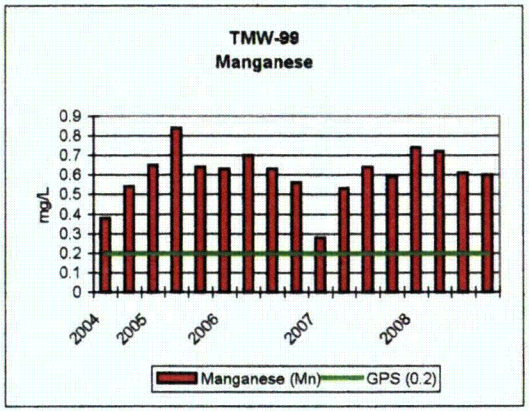

TMW-98
Uranium, natural
pCi/L
140
120
100
80
60
40
20
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

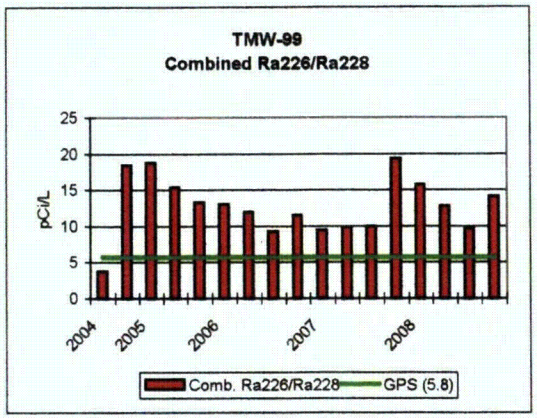
KENNECOTT URANIUM COMPANY																		
TMW-99		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/23/2004	9/20/2004	3/7/2005	9/21/2005	12/21/2005	3/7/2006	6/5/2006	9/11/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/19/2007	3/18/2008	5/18/2008	9/29/2008	11/11/2008
TDS A/C Balance *(dec. %)*		1.03	1.07	1.06	1.2	1.12	1.03	1.05	1.02	1.04	0.96	1.09	1.13	0.97	4.49	4.64	3.64	-0.369
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		111	139	132	146	132	135	130	122	120	104	120	137	129	138	120	116	119
Arsenic (As)	GPS (.05)	<0.001	0.004	0.003	<0.001	0.001	0.001	<0.001	<0.001	0.001	0.002	0.0002	0.002	0.002	0.002	0.001	<0.001	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		230	486	513	469	367	400	451	392	358	192	344	427	414	418	439	395	400
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		17.6	60	60	73	51	45	53	41	36	20	35	40	42	42	32	32	33
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.024	0.028	0.041	0.045	0.034	0.043	0.04	0.04	0.035	0.013	0.039	0.044	0.042	0.047	0.041	0.033	0.035
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond (umhos/cm)		1580	2390	2570	2820	2250	2150	2380	2270	2090	1210	1970	2540	2290	2430	2240	2040	2100
Cond-Field *(umhos/cm)*		960	1100	1420	1140	1260	1280	2570	1947	1916	1127	1807	253	1963	2390	2330	1775	1842
Fluoride (F)		0.2	0.1	<0.1	<0.1	0.1	0.1	0.1	<0.1	0.1	0.2	0.2	0.1	0.1	<0.1	<0.1	0.1	<0.1
Iron (Fe)	**GPS (0.6)**	1.43	6.56	11.2	2.43	8.78	7.34	3.05	5.74	3.38	1.5	4.97	6.48	5.99	6.48	6.72	4.21	3.67
Gross Alpha *(pCi/L)*	**GPS (15)**	6.1	5.4	10.3	11.8	4.5	4.9	2.8	3.4	2.6	2.7	5.3	16.7	3.5	6.4	9.7	4.4	3.1
Bicarbonate (HCO3)		135	169	161	178	162	165	159	149	146	127	146	167	157	168	146	141	146
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		10.2	6.9	6.6	6.6	5.7	5.3	6.3	5.2	5.2	3.9	5.1	5.3	6	6.6	5.7	5.4	5.5
Magnesium (Mg)		27.7	43.7	53.2	61.2	42.6	47.3	54	45.3	42.1	23.4	41.5	51.7	50.3	52.2	54.2	47.4	48.4
Manganese (Mn)	**GPS (0.2)**	0.38	0.54	0.65	0.84	0.64	0.63	0.7	0.63	0.56	0.28	0.53	0.64	0.59	0.74	0.72	0.61	0.6
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		78.6	85.8	98.8	101	81.5	84.4	89.8	82.4	76.8	51.8	73.4	82.4	86.4	84	86	79	76
Nickel (Ni)	**GPS (.01)**	0.04	0.03	0.05	0.06	0.04	0.05	0.06	0.05	0.05	0.02	0.05	0.06	0.06	0.07	0.07	0.05	0.05
Nitrogen, Nitrate+Nitrite as N		0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.4	0.2	-0.3
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.55	6.92	7.22	7.21	7.84	7.29	7.43	7.22	7.27	7.64	7.23	7.18	7.1	7.33	7.52	7.17	7.31
pH (Field) *(Std. Units)*		7.5	6.8	6.6	6.91	7.06	7.24	7.3	6.97	6.97	7.49	7.33	7.1	7.1	7.2	7.3	7.1	7.1
Radium 226 *(pCi/L)*		3.8	7.3	6.8	5.6	3.3	2.8	2.1	2.7	3.3	2.5	3.9	4.2	3.5	4.9	3.7	1.6	2.9
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	3.8	18.4	18.8	15.4	13.3	13	12	9.3	11.5	9.4	9.9	10	19.3	15.7	12.8	9.7	14.1
Radium 228 *(pCi/L)*		<1	11.1	12	9.8	10	10.2	9.9	6.6	8.2	6.9	6	5.8	15.8	10.8	9.1	8.1	11.2
Selenium (Se)	GPS (.01)	0.001	0.002	0.003	0.002	<0.001	0.003	<0.001	<0.001	0.002	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		9.9	15	15	13	13	13	13	13	12	12	12	12	13	13	7	14.9	12.8
Sulfate (SO4)		732	1240	1390	1320	1100	1100	1240	1100	1010	543	937	1210	1210	1350	1180	1060	1160
TDS @ 180° C.	**GPS (500)**	1190	2180	2350	2600	1950	1830	2080	1780	1680	876	1660	2160	1850	2210	2010	1750	1760
Temperature *(C)*		8	13	10	8.6	9.3	9.3	16	11.9	8.4	9.2	9.1	11.8	10.7	9	16.1	10.9	10.2
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	138	28.6	38.5	53.8	56.4	62	73.7	82.1	85.7	87.7	133	78	85.4	103	78.9	87.9	80.6
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01

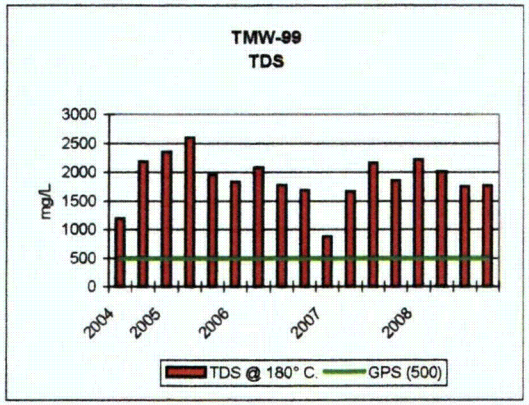
KENNECOTT URANIUM COMPANY																	
TMW-99																	
NORTHING: 148707.32 EASTING:	Groundwater																
323898.85	Protection	2004				2006				2007				2008			
ND = Non-detectable	Standard	02/23/04	6/9/2005	9/21/2005	12/21/05	03/07/06	06/05/06	09/11/06	11/19/06	03/07/07	04/24/07	09/12/07	11/19/07	03/18/08	05/18/08	09/29/08	11/11/08
ORGANICS mg/L:																	
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																	
Chloromethane	0.12	ND	ND	ND	0.0088	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	0.0031	0.003	0.0022	0.0025	0.0022	0.0021	0.0022	ND	0.003	0.0025	0.0022	0.0028	0.004	0.0025	0.0016
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

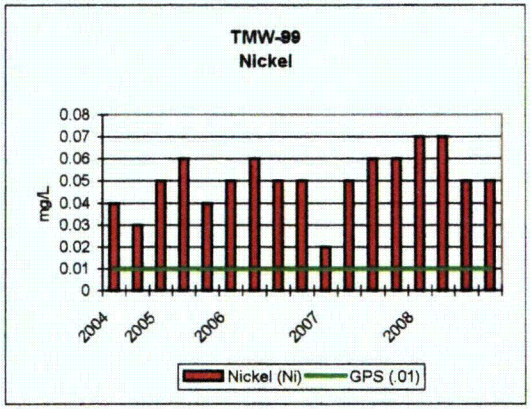
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

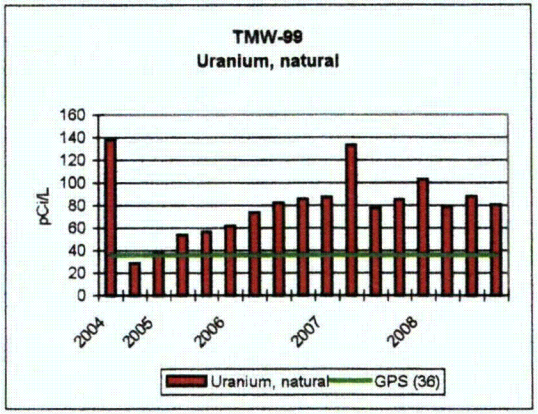

TMW-99
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

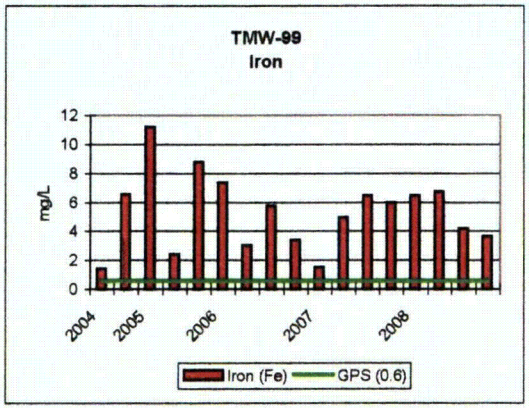

TMW-99
Manganese
mg/L
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

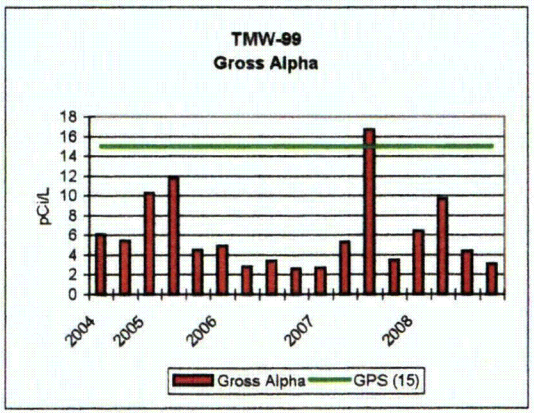

TMW-99
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-99
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-99
Nickel
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)


TMW-99
Uranium, natural
pCi/L
160
140
120
100
80
60
40
20
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)


TMW-99
Iron
mg/L
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

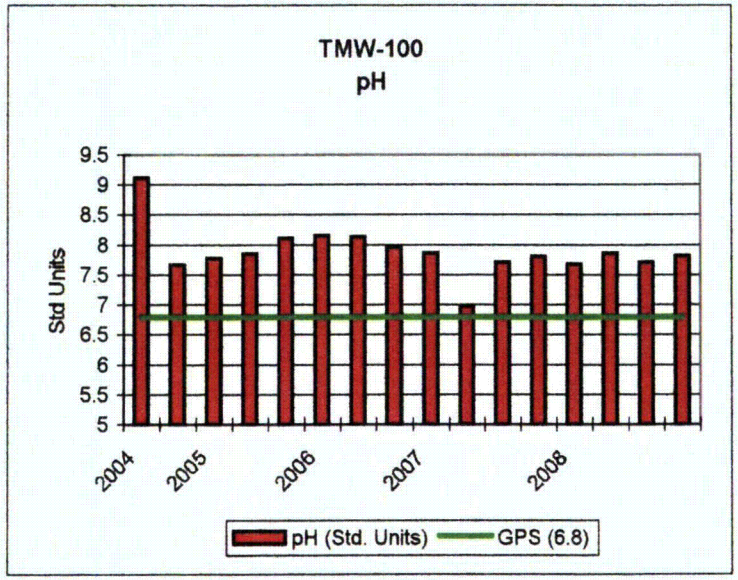

TMW-99
Gross Alpha
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Gross Alpha
GPS (15)

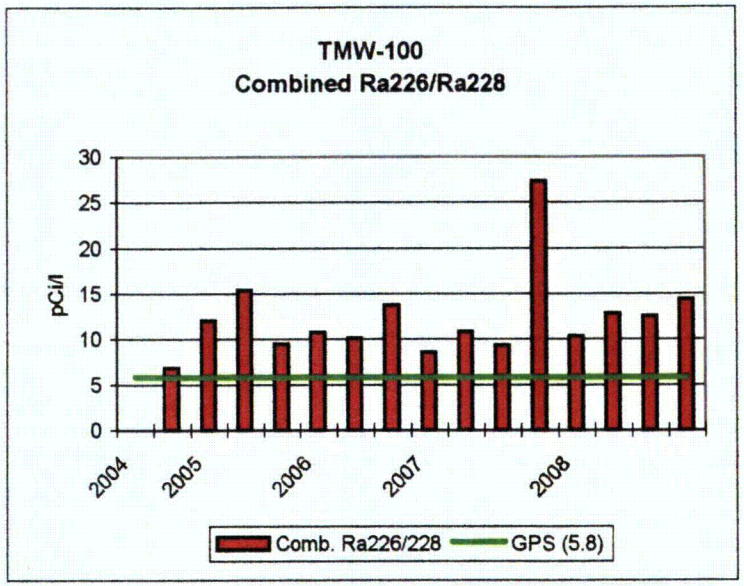
KENNECOTT URANIUM COMPANY																	
TMW-100		2004		2005			2006			2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/17/2004	8/3/2004	2/3/2005	8/8/2005	12/13/2005	2/13/2006	4/6/2006	8/1/2006	2/7/2007	5/9/2007	9/10/2007	11/13/2007	2/24/2008	5/18/2008	8/10/2008	11/17/2008
TDS A/C Balance *(dec. %)*		0.99	1	1.05	1.08	1.02	1.08	1	1	0.97	1.05	0.98	1.08	2.71	2.59	1.34	1.22
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		19.8	45	69	71	95	95	100	91	92	92	98	99	98	92	93	98
Arsenic (As)	GPS (.05)	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		45.1	274	351	383	235	232	243	234	249	370	294	306	269	317	283	252
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		6.4	32	36	41	21	20	24	26	25	33	26	29	22	20	19	16
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		1.6	ND	ND	ND	ND	<1	<1	<1	ND	ND	ND	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		520	1520	1870	2010	1370	1400	1410	1410	1420	1950	1720	1930	1590	1640	1530	1450
Cond-Field *(umhos/cm)*		400	800	1760	850	850	970	930	1356	1316	1692	1516	1616	1420	1458	1293	1279
Fluoride (F)		0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	0.06	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	<1	5.7	7.8	10.3	5.3	2.8	3.6	5.1	3.5	5.8	7	6	8.3	10.5	3.2	5.3
Bicarbonate (HCO3)		21.5	55	84	87	116	116	122	111	112	112	120	120	119	112	113	120
Mercury (Hg)		0.0015	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		4.2	5.5	5.4	5.7	3.8	3.7	4	4.4	4.5	4.9	4.8	5.2	4.8	4.6	4.3	4.1
Magnesium (Mg)		4.9	24.8	32.8	37.7	23	21.9	22.9	23.9	23.4	33.4	30.5	28.3	25.1	29.6	27.1	23.3
Manganese (Mn)	GPS (0.2)	<0.01	0.06	0.15	0.18	0.12	0.13	0.12	0.14	0.13	0.18	0.16	0.15	0.15	0.17	0.15	0.14
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		47.2	64.9	68.3	68.8	57	56.8	55.6	60.6	57.5	66.2	62.1	60.2	56.1	60	56	56
Nickel (Ni)	GPS (.01)	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	9.12	7.67	7.78	7.86	8.11	8.16	8.14	7.96	7.87	6.98	7.72	7.81	7.68	7.87	7.72	7.82
pH (Field) *(Std. Units)*		7.8	8.8	6.9	8.2	7.48	7.31	7.81	7.42	7.66	7.51	7.6	7.6	7.9	7.7	7.6	7.6
Radium 226 *(pCi/L)*		<0.2	4.2	5	5.4	4.2	4.8	2.5	3.5	3.5	5.2	4.1	4.5	4.4	3.7	3.4	1.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	0	6.9	12.1	15.4	9.5	10.8	10.2	13.8	8.6	10.9	9.4	27.4	10.4	12.9	12.6	14.4
Radium 228 *(pCi/L)*		<1	2.7	7.1	10	5.3	6	7.7	10.3	5.1	5.7	5.3	22.7	6	9.2	9.2	12.6
Selenium (Se)	GPS (.01)	0.002	0.002	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.9	8	10	10	11	11	11	12	11	10	11	11	11	6	11	11.8
Sulfate (SO4)		197	745	930	1030	656	621	676	643	708	964	873	865	792	840	818	682
TDS @ 180° C.	**GPS (500)**	313	1380	1540	1700	1080	1100	1100	1060	1100	1610	1330	1470	1160	1370	1240	1180
Temperature *(C)*		8	13	9	12	9.8	9.5	9.5	11.3	10	10.6	11	10.3	9.8	11	11.7	10.2
Thorium 230 *(pCi/L)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	19.2	35	43.7	63.2	31.4	29.1	29.3	25.5	20.8	32.7	32.9	36.1	29.8	30.2	29	27.4
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.31	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

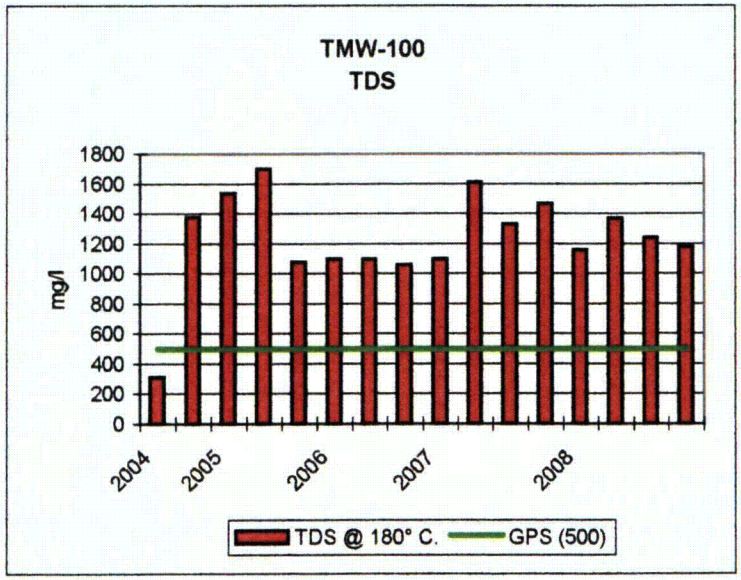
KENNECOTT URANIUM COMPANY
TMW-100
NORTHING: 148799.77 EASTING: 324004.42
ND = Non-detectable

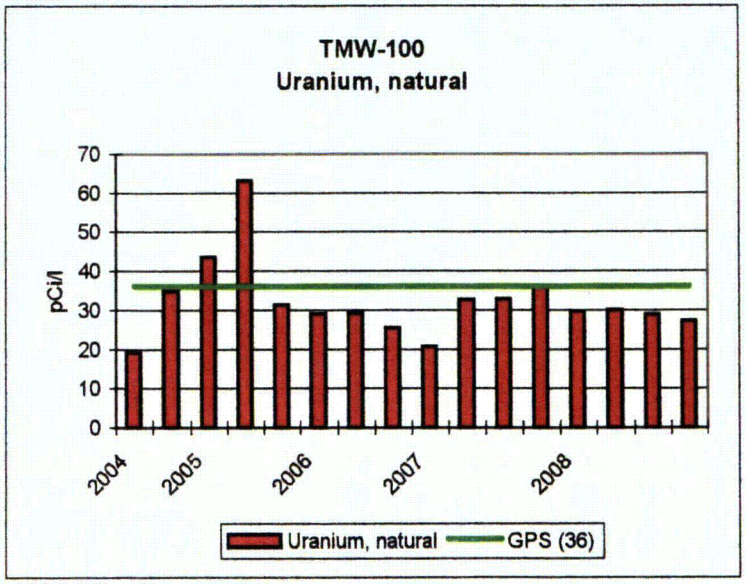
	Groundwater Protection Standard	02/17/04	06/14/05	08/08/05	12/13/05	2006 02/13/06	04/06/06	08/01/06	2007 02/07/07	05/09/07	09/10/07	11/13/07	2008 02/24/08	05/18/08	08/10/08	11/17/08
ORGANICS mg/L:																
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																
Chloromethane	0.12	ND	ND	ND	0.01		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-100
pH
Std Units
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-100
Combined Ra226/Ra228
pCi/l
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)


TMW-100
TDS
mg/l
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

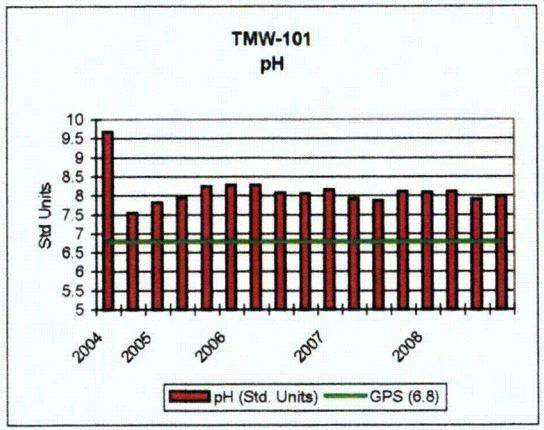

TMW-100
Uranium, natural
pCi/l
70
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

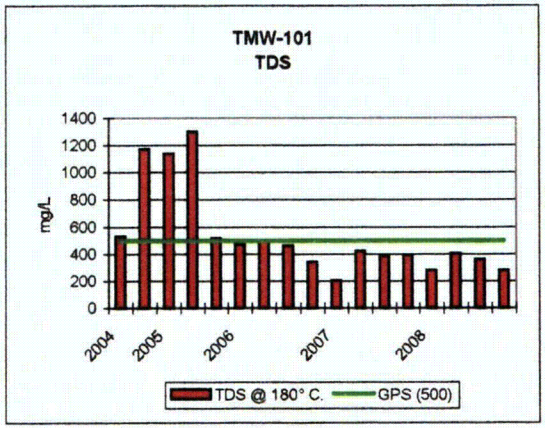
KENNECOTT URANIUM COMPANY																		
TMW-101		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/17/2004	8/3/2004	2/3/2005	8/8/2005	12/13/2005	2/13/2006	4/6/2006	8/1/2006	11/7/2006	2/21/2007	5/9/2007	9/10/2007	11/13/2007	2/24/2008	5/18/2008	8/10/2008	11/10/2008
TDS A/C Balance *(dec. %)*		0.96	1.17	1.03	1.08	1	0.98	0.93	0.94	0.97	0.86	1.01	0.93	0.99	1.07	5.59	4.22	1.03
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.1
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		20.2	81	94	90	95	95	100	92	86	86	90	93	95	90	85	87	87
Arsenic (As)	GPS (.05)	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		73.9	232	259	283	107	99.8	110	108	72.3	40.1	90.2	84.9	78.1	57.2	85.6	83	61.1
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		9.4	27	30	36	10	11	16	14	8	4	9	9	10	6	8	10	5
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		4.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		820	1310	1480	1600	750	707	752	718	565	351	651	587	657	468	567	560	447
Cond-Field *(umhos/cm)*		640	840	1340	800	510	520	530	700	532	335	578	557	553	459	509	541	396
Fluoride (F)		0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.3
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.11	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.05	<0.5	<0.5	<0.5	<0.05	<0.05	<0.5
Gross Alpha *(pCi/L)*	GPS (15)	<1	2.7	5.2	4.4	2.5	1.4	1.7	1.8	2.4	1.4	1.6	2.1	1.4	2.1	3.5	1.4	1.2
Bicarbonate (HCO3)		17.1	99	114	110	116	116	122	112	105	105	110	113	116	110	104	106	107
Mercury (Hg)		0.004	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		7	4.4	4.2	4.4	2.5	6.4	2.7	2.8	2.1	1.4	2.2	2.3	2.5	2.2	2.2	2.2	1.9
Magnesium (Mg)		2.5	20.5	23.7	26.4	9.3	8.3	9.3	9.3	6.3	3.4	7.9	7.4	6.3	4.4	6.8	6.8	4.8
Manganese (Mn)	GPS (0.2)	<0.01	0.11	0.14	0.16	0.06	0.06	0.06	0.05	0.04	0.01	0.04	0.03	0.04	0.03	0.04	0.03	0.02
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		93.7	57.2	60.1	62.2	42.2	39.9	40.3	38.9	33.6	33.6	36.9	36.7	34.3	35	37.2	36	34.8
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.7	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	9.67	7.54	7.82	7.94	8.24	8.28	8.27	8.08	8.06	8.16	7.92	7.87	8.1	8.09	8.1	7.9	7.98
pH (Field) *(Std. Units)*		9.8	7.4	7.2	7.8	7.48	7.64	7.54	7.44	7.25	7.41	7.69	7.8	7.7	8	8	7.8	7.8
Radium 226 *(pCi/L)*		0.8	2.6	2.4	2.6	1.6	1.7	1.2	1.5	1.8	<0.2	1.5	1.7	1.3	1.1	0.9	1.1	0.93
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	0.8	5.6	6.7	5.3	5.1	4.3	1.2	3.7	3	0	3.2	1.7	9.4	3.2	3.3	4	2.5
Radium 228 *(pCi/L)*		<1	3	4.3	2.7	3.5	2.6	<1	2.2	2	<1	1.7	<1	8.1	2.1	2.4	2.9	1.6
Selenium (Se)	GPS (.01)	0.006	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		20.3	13	13	13	12	12	12	12	11	13	12	12	12	12	7	13.3	14.8
Sulfate (SO4)		355	602	664	735	277	244	280	245	171	90	206	207	194	140	186	182	144
TDS @ 180° C.	**GPS (500)**	533	1170	1140	1300	518	470	496	458	344	204	422	384	393	278	402	362	278
Temperature *(C)*		8	13	9	14	8.9	10.8	9.2	12	11.4	11.7	10.9	11.4	10.4	9.9	11.2	11.1	9.8
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.1	<0.02
Thallium (Tl)		<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	27.1	18.4	21.8	22.4	6.1	5.6	7	6.6	4.6	4.2	5.7	5.1	5.2	3.3	4.1	4.5	5.8
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

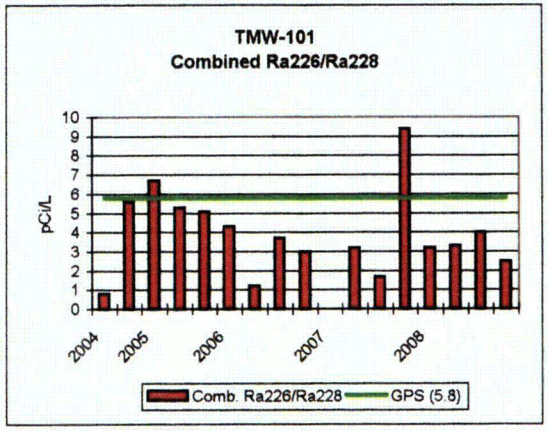
KENNECOTT URANIUM COMPANY
TMW-101
NORTHING: 148,800.10 EASTING: 324,100.06
ND = Non-detectable

	Groundwater Protection Standard	2004				2006				2007				2008			
		02/17/04	06/14/05	08/08/05	12/13/05	02/13/06	04/06/06	08/01/06	11/07/06	02/21/07	05/09/07	09/10/07	11/13/07	02/24/08	05/18/08	08/10/08	11/10/08
ORGANICS mg/L:																	
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																	
Chloromethane	0.12	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water
(LAB: Energy Labs Inc. unless noted.)


TMW-101
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-101
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-101
Combined Ra226/Ra228
pCi/L
10
9
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

TMW 101.xls

KENNECOTT URANIUM COMPANY																				
TMW-102		2004		2005				2006					2007				2008			
PARAMETER (mg/L unless noted)	Groundwater Protection Standard (GPS) as of 5/26/05	1/14/2004	9/21/2004	3/8/2005	7/19/2005	9/22/2005	12/22/2005	1/17/2006	2/14/2006	4/5/2006	7/25/2006	11/13/2006	2/6/2007	4/3/2007	7/25/2007	10/22/2007	2/27/2008	4/7/2008	8/25/2008	11/18/2008
TDS A/C Balance *(dec. %)*		0.97	0.94	0.98	0.96	1	0.99	1.02	1.1	0.94	0.98	1.06	0.92	0.93	1.09	1	2.05	5.13	4.35	-1.76
Silver (Ag)		<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	0.2	0.2	0.2	0.2	0.1	0.1
Alk-CaCO3		1900	862	794	791	1240	592	235	142	42	274	16	28	82	58	48	71	56	40	59
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		0.3	0.3	0.3	0.3	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		758	301	297	347	494	220	94.4	56.6	19.6	398	97.3	93.6	98.9	66.5	46.7	42.9	51	41.9	37.6
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		6.4	7	5	4	6	5	5	4	6	19	9	10	10	9	6	4	6	5	5
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		1380	598	577	576	<1	<1	<1	<1	<1	<1	<1	4	30	19	15	24	17	18	18
Cobalt (Co)		0.001	<0.001	<0.001	<0.001	0.004	0.001	0.001	<0.001	<0.001	0.084	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	**GPS (.05)**	0.21	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		8780	3910	3820	4040	2360	1230	640	499	348	2180	870	771	756	603	472	491	476	456	419
Cond-Field *(umhos/cm)*		5800	3800	2600	2200	1180	800	520	330	240	2380	833	734	719	606	415	816	504	480	496
Fluoride (F)		0.2	0.2	0.2	0.1	0.1	0.2	<0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2
Iron (Fe)	**GPS (0.6)**	<0.05	<0.05	<0.05	<0.05	1.25	0.61	0.1	<0.05	<0.05	7.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L*	GPS (15)	2.2	1.9	2.2	2.1	1.5	<1	<1	<1	<1	4.5	10.3	2.8	2.2	1.3	1.5	2.4	3.3	2.4	2.2
Bicarbonate (HCO3)		7.8	56	8	5	1510	723	287	174	50	334	19	28	17	11	18	14	<1	<1	<1
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		217	41.6	42.8	36.2	53.8	22.8	11.1	11.2	12.7	16.5	8.5	9	10.1	7.8	6.1	7.5	7.3	7.9	8.4
Magnesium (Mg)		<1	<0.5	<0.5	<0.5	8	1.2	0.9	1	0.6	47.3	10.8	8.4	1.3	<0.5	0.6	<0.5	<0.5	<0.5	<0.5
Manganese (Mn)	**GPS (0.2)**	<0.01	<0.01	<0.01	<0.01	0.16	0.11	0.02	<0.01	<0.01	1.85	0.02	0.02	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (Mo)		0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		111	70.3	74.5	65.3	69.3	45.9	38.8	41.2	41.6	73.9	52.8	54.7	51.1	44.5	42	38.6	45	39.4	40
Nickel (Ni)	**GPS (.01)**	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.01	<0.01	<0.01	<0.1	0.2	0.2	0.4	0.5
Lead (Pb210) *(pCi*	**GPS (8.9)**	<2.7	<0.1	<0.1	<1	<1	<1	<1	<1	19	<1	7.3	<1	<1	<1	<1	4.1	<1	<1	4.4
Lead (Pb)		0.16	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	12.5	11.3	12.1	12.3	6.8	7.97	7.48	7.8	8.38	7.11	8.34	9.29	10.6	10.4	10.3	10.6	10.9	10.7	10.8
pH (Field) *(Std. Units)*		13.3	12.3	12.2	12.5	5.9	6.45	6.83	7.1	8.33	6.81	8.52	9.85	11.33	10.7	10.6	11.7	11.1	10.9	10.8
Radium 226 *(pCi/L)*		2.4	2.2	1.9	1.5	0.8	0.8	0.8	<0.2	0.5	3.1	11.5	2	1.4	1.2	1.2	1.8	1.4	2.2	2
Combined Ra226/	**GPS (5.8)**	6	2.2	1.9	1.5	0.8	0.8	0.8	0	4.8	8.5	11.5	2	1.4	8.4	3.1	2.9	1.5	3.1	6.2
Radium 228 *(pCi/L)*		3.6	<1	<1	<1	<1	<1	<1	<1	4.3	5.4	<1	<1	<1	7.2	1.9	1.1	0.05	0.9	4.2
Selenium (Se)	GPS (.01)	0.007	<0.001	0.002	0.002	0.002	<0.001	<0.001	<0.0001	<0.0001	0.003	0.008	0.005	0.004	0.002	<0.001	0.002	0.001	0.001	<0.001
Silica (SiO2)		<1	1	2	2	21	33	19	18	26	39	27	29	40	36	28	30	31	17	35.4
Sulfate (SO4)		370	105	1332	211	189	94	94	97	102	1060	353	365	278	188	135	127	142	131	128
TDS @ 180° C.	**GPS (500)**	2530	980	1010	1090	1590	768	412	348	220	1780	602	538	502	424	294	300	280	297	307
Temperature *(C)*		8	9	8	13	13.4	8.2	7.1	8.7	11.4	17.7	7.2	9	10.2	15.7	9.8	7.4	9.5	10.9	9.8
Thorium 230 *(pCi/L*	GPS (7.0)	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(*	**GPS (36)**	<0.2	<0.2	<0.2	3.1	72.7	10.6	3.2	3.3	2.3	553	281	52.1	2.1	1.9	1.9	2.2	0.7	1.2	1.2
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	2.24	0.11	0.02	<0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

KENNECOTT URANIUM COMPANY

TMW-102

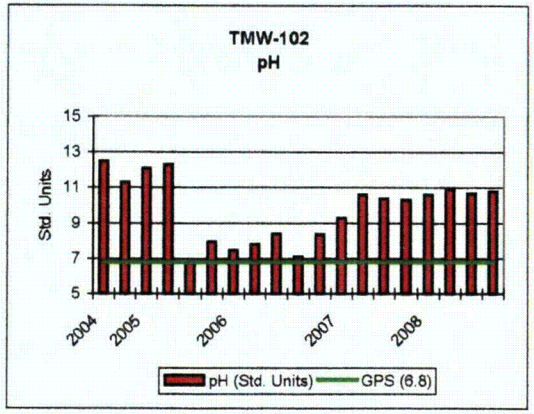
NORTHING: 148,600.02 EASTING: 323,968.63 ND = Non-detectable	Groundwater Protection Standard	2003 12/10/03	2004 12/16/03	01/14/04	02/16/04	03/17/04	04/13/04	05/11/04	06/15/04	07/14/04	08/05/04	09/21/04	10/13/04	11/09/04	12/08/04	2005 01/18/05	02/07/05	03/08/05	04/12/05	07/19/05	09/22/05
ORGANICS mg/L:																					
Diesel Range Organics (DRO)	GPS 10 (3)	1.5	1.3	1.6	27	20	32	24	ND	ND	ND	ND	1.2	1	1.2	1.8	8.6	3.6	2.7	ND	1.8
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	0.041		0.088		0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																					
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.003	0.012	0.016	0.021	0.012	0.016	0.02	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0017	0.0012	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	0.0054	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0068
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	0.001	0.0011	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

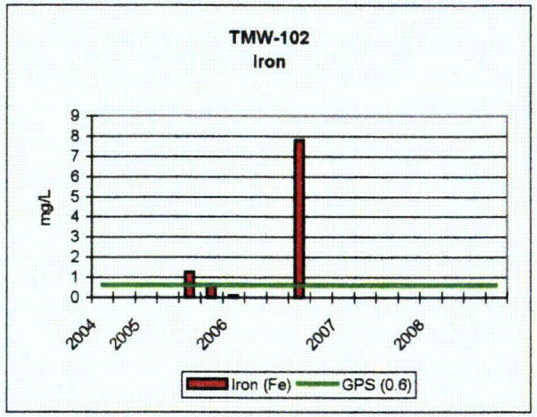
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

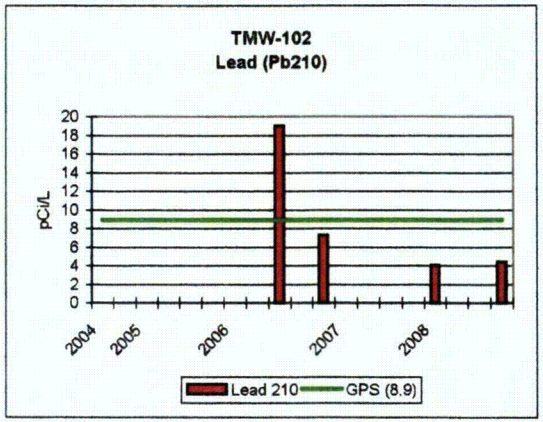
KENNECOTT URANIUM COMPANY
TMW-102

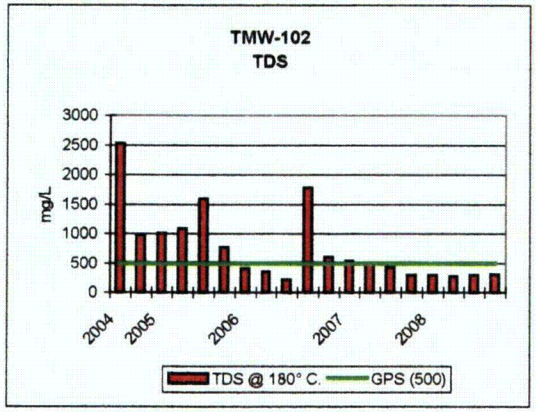
NORTHING: 148,600.02 EASTING: 323,968.63 ND = Non-detectable	Groundwater Protection Standard	12/22/05	02/14/06	04/05/06	07/25/06	11/13/06	2007 02/06/07	04/03/07	07/25/07	10/22/07	2008 02/27/08	04/07/08	08/25/08	11/18/08
ORGANICS mg/L:														
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	30	5.2	0.055	2.9	1.2	ND	ND	ND	ND	0.7
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	0.312	0.091	ND	0.101	0.049	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:														
Chloromethane	0.12	0.012	ND	ND	0.0049	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	0.0074	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	0.016	0.003	0.0014	0.0019	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

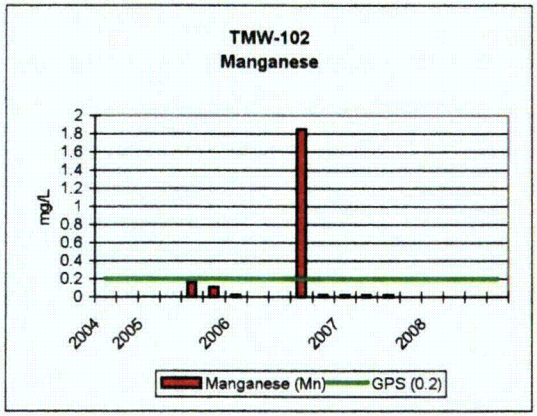
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

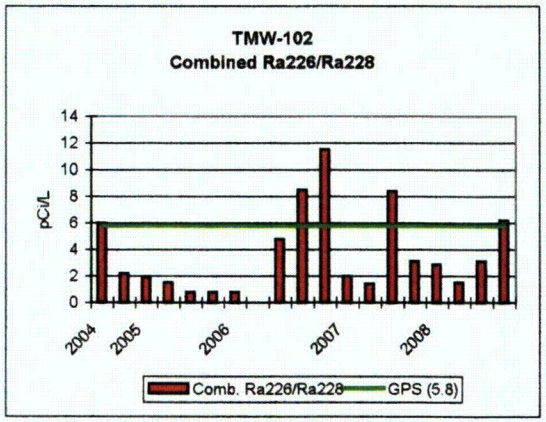

TMW-102
pH
Std Units
15
13
11
9
7
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

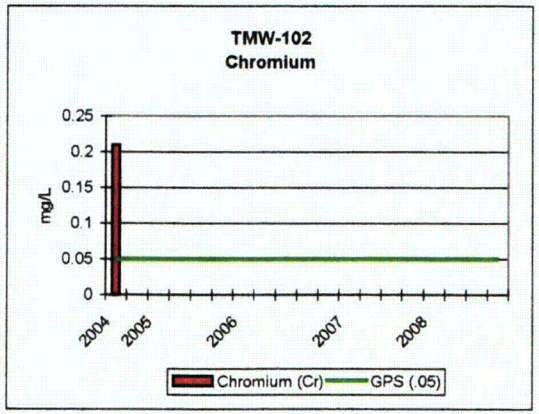

TMW-102
Iron
mg/L
9
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

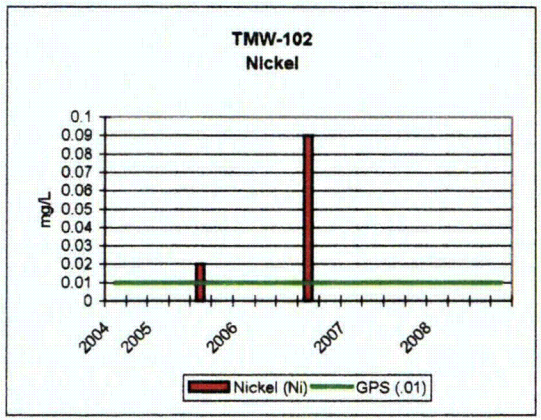

TMW-102
Lead (Pb210)
pCi/L
20
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Lead 210
GPS (8.9)

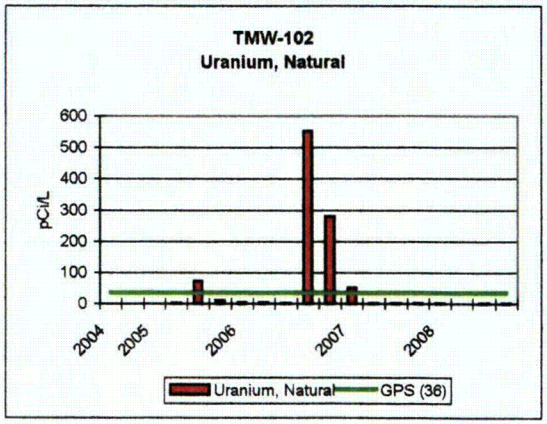

TMW-102
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-102
Manganese
mg/L
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

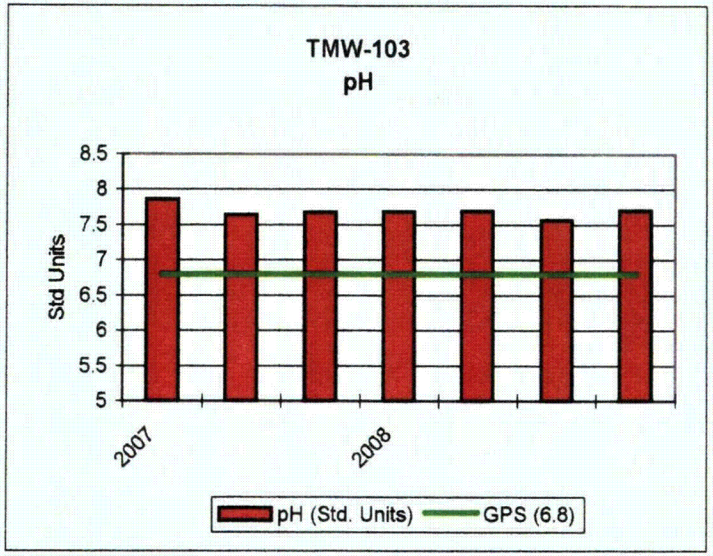

TMW-102
Combined Ra226/Ra228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

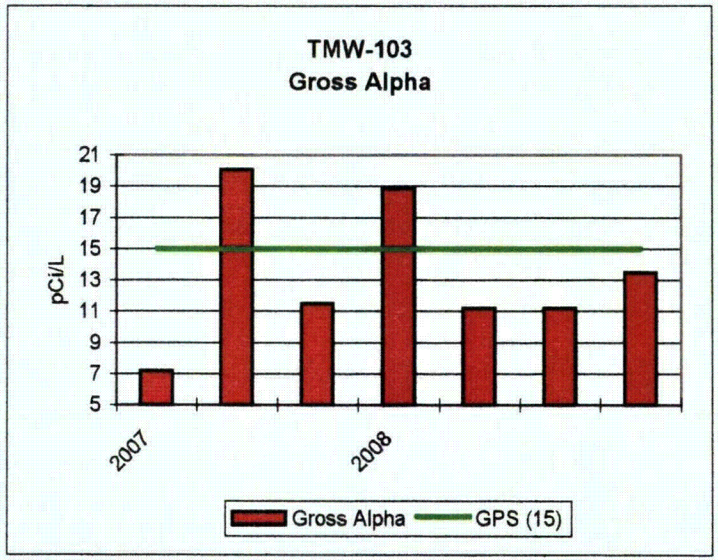

TMW-102
Chromium
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Chromium (Cr)
GPS (.05)

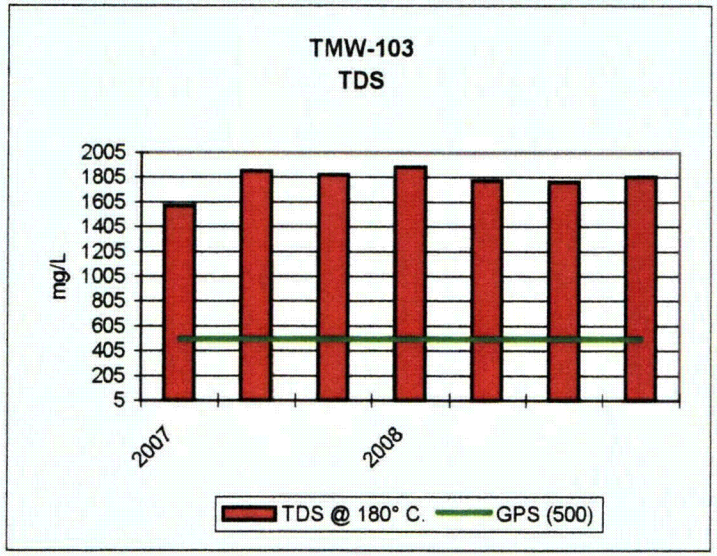

TMW-102
Nickel
mg/L
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)

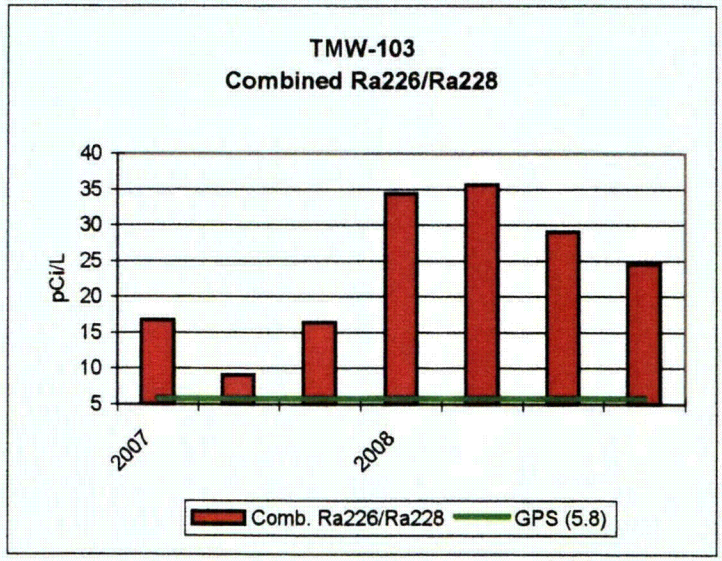

TMW-102
Uranium, Natural
pCi/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

KENNECOTT URANIUM COMPANY								
TMW-103		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	6/13/2007	9/18/2007	12/4/2007	2/12/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.04	1.08	1.11	3.75	0.084	0.153	1.75
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		48	40	38	41	41	38	37
Arsenic (As)	GPS (.05)	0.007	0.004	0.003	0.003	0.002	0.002	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		330	406	379	365	406	409	407
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		79	86	92	87	93	96	94
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.002	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1920	2270	2150	2200	2170	2150	2160
Cond-Field *(umhos/cm)*		1804	1929	1935	2320	1913	1974	1918
Fluoride (F)		0.3	0.2	0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.07	0.26	<0.05	0.08	0.15
Gross Alpha *(pCi/L)*	**GPS (15)**	7.2	20.1	11.5	18.9	11.2	11.2	13.5
Bicarbonate (HCO3)		59	48	46	50	50	47	45
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0003
Potassium (K)		5.6	5.5	5.9	6	5.3	5.6	5.4
Magnesium (Mg)		26	32.1	30.6	29.7	34	33.2	32.9
Manganese (Mn)	GPS (0.2)	0.11	0.17	0.17	0.18	0.18	0.18	0.17
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		72.4	78.5	76.7	80.6	90.6	82	81
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	1.3
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.87	7.65	7.68	7.69	7.7	7.57	7.71
pH (Field) *(Std. Units)*		7.51	7.4	7.1	7.2	7.3	7.6	7.6
Radium 226 *(pCi/L)*		6.8	9.1	7.5	8.8	13.2	9.1	5.7
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	16.8	9.1	16.4	34.4	35.7	29.1	24.6
Radium 228 *(pCi/L)*		10	<1	8.9	25.6	22.5	20	18.9
Selenium (Se)	GPS (.01)	0.003	0.001	0.001	0.001	0.003	0.002	ND
Silica (SiO2)		8	11	11	12	10	12	11.7
Sulfate (SO4)		968	1080	1040	1100	1140	1130	1070
TDS @ 180° *C.*	**GPS (500)**	1580	1860	1830	1890	1780	1770	1810
Temperature *(C)*		14	10.6	11.1	9.6	6.9	12.9	11.4
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	0.6	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	25.6	9.5	8.8	8.3	16.2	17.1	10.9
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01


TMW-103
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-103
Gross Alpha
pCi/L
21
19
17
15
13
11
9
7
5
2007
2008
Gross Alpha
GPS (15)


TMW-103
TDS
mg/L
2005
1805
1605
1405
1205
1005
805
605
405
205
5
2007
2008
TDS @ 180° C.
GPS (500)


TMW-103
Combined Ra226/Ra228
pCi/L
40
35
30
25
20
15
10
5
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

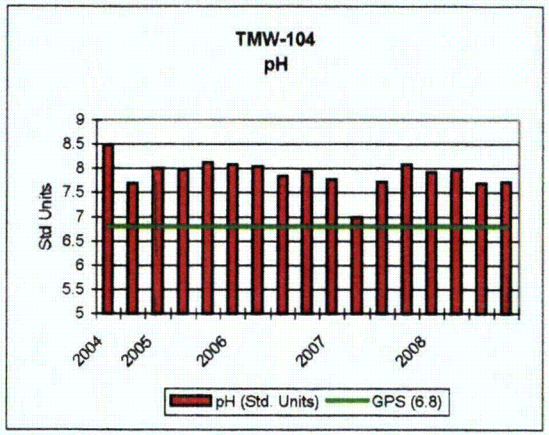
KENNECOTT URANIUM COMPANY																		
TMW-104		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/3/2004	8/4/2004	2/3/2005	8/9/2005	12/13/2005	2/13/2006	4/4/2006	8/9/2006	11/15/2006	2/7/2007	5/9/2007	8/17/2007	11/13/2007	2/12/2008	5/18/2008	8/10/2008	11/10/2008
TDS A/C Balance *(dec. %)*		1.04	1.12	0.98	1.03	1.03	1.05	1.04	1.09	1.09	0.98	1.07	0.99	1.05	3.25	0.895	1.59	-1.91
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		90.2	119	119	104	110	115	110	110	111	112	114	120	123	123	113	113	119
Arsenic (As)	GPS (.05)	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		39.9	123	147	208	256	258	275	246	224	286	301	336	282	299	336	355	322
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		4.2	12	14	22	28	25	28	25	22	31	29	29	32	29	30	29	20
Cyanide (CN)		<0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		490	838	944	1220	1450	1480	1490	1560	1400	1550	1710	1740	1790	1750	1770	1780	1720
Cond-Field *(umhos/cm)*		380	580	880	680	890	1040	870	1350	1168	1446	1496	1547	1510	1840	1651	1624	1487
Fluoride (F)		0.2	0.2	0.1	ND	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.135	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	0.09	0.05	<0.05	<0.05	<0.05	0.06
Gross Alpha *(pCi/L)*	GPS (15)	<1	1.7	4.3	7.7	3.9	1.9	6	4.8	4	3.8	4.1	7.7	3.9	8.4	5.8	2.9	5
Bicarbonate (HCO3)		107	145	145	127	134	140	134	134	135	137	139	147	151	150	138	138	146
Mercury (Hg)		0.0004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.5	2.8	3.3	4.2	4.3	4.1	4.5	4.8	4.2	4.6	4.7	4.8	5.3	5.3	4.9	5.1	4.6
Magnesium (Mg)		4.3	11.7	13.4	18.1	20.8	19.9	21	19.8	17.9	20.8	22.5	24.5	20.2	22.3	25.9	26.5	23.5
Manganese (Mn)	**GPS (0.2)**	0.01	0.04	0.05	0.08	0.14	0.14	0.15	0.12	0.11	0.17	0.17	0.17	0.17	0.2	0.19	0.2	0.18
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	ND	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		54	49.5	48.7	51.4	60.1	60.3	64.6	56.4	56.8	64.7	65.3	68.3	61.9	63.4	67	68	64
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	ND	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.49	7.69	8	7.98	8.13	8.09	8.04	7.84	7.93	7.78	7	7.72	8.08	7.92	7.98	7.7	7.72
pH (Field) *(Std. Units)*		8.9	7.2	7.1	7.8	7.47	7.51	7.56	7.2	7.24	7.46	7.34	7.4	7.4	7.6	7.6	7.5	7.5
Radium 226 *(pCi/L)*		<0.2	1.5	.2	3.5	2.9	3.8	2.5	3.2	4	2.7	3.7	4.7	4.1	3.1	3.1	3.1	2.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	0	4.8	5.4	11.3	12	12.5	2.5	12.8	10.5	10.6	12.6	14.8	18.5	15.1	17	14.9	16
Radium 228 *(pCi/L)*		<1	3.3	3.4	7.6	9.1	8.7	<1	9.6	6.5	7.9	8.9	10.1	14.4	12	13.9	11.8	13.2
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		9.4	11	12	11	13	13	13	10	11	13	12	13	13	13	6	13.1	14.4
Sulfate (SO4)		131	286	346	511	680	660	700	654	586	764	748	859	770	851	921	920	903
TDS @ 180° C.	**GPS (500)**	306	636	644	912	1160	1160	1200	1180	1080	1220	1340	1400	1320	1440	1560	1470	1370
Temperature *(C)*		8	15	10	15	8	9.4	11.2	12.4	7	9	10.9	10	10.1	8.3	11.1	11.8	10.4
Thorium 230 *(pCi/L)*	GPS (7.0)	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0	0.1	0.2	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	57.1	9.2	7.8	8	10.9	11.3	12.7	13	12.2	10.3	12.1	12.7	12.2	13.3	13.6	13.1	14
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

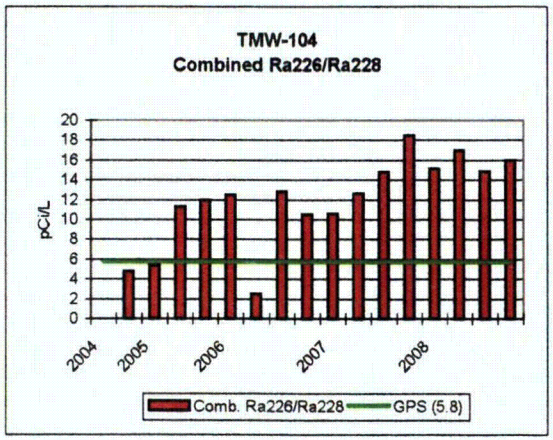
KENNECOTT URANIUM COMPANY

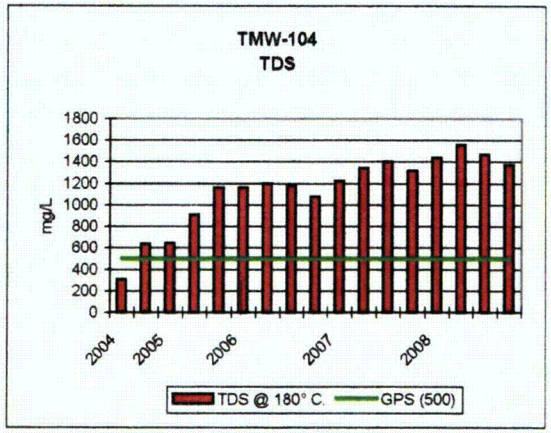
TMW-104

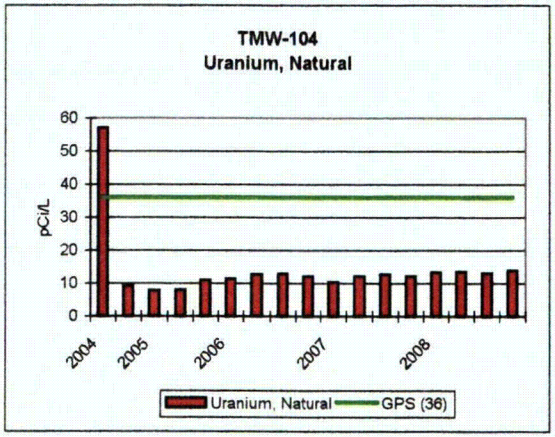
NORTHING: 148,508.55 EASTING: 324,122.60 ND = Non-detectable	Groundwater Protection Standard	2004 3/3/04	6/14/05	8/9/05	12/13/05	2006 2/13/06	4/4/06	8/9/06	11/15/06	2007 2/7/07	5/9/07	8/17/07	11/13/07	2008 2/20/08	3/26/08	5/18/08	8/10/08	11/10/08
ORGANICS mg/L:																		
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																		
Chloromethane	0.12	ND	ND	ND	0.012	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

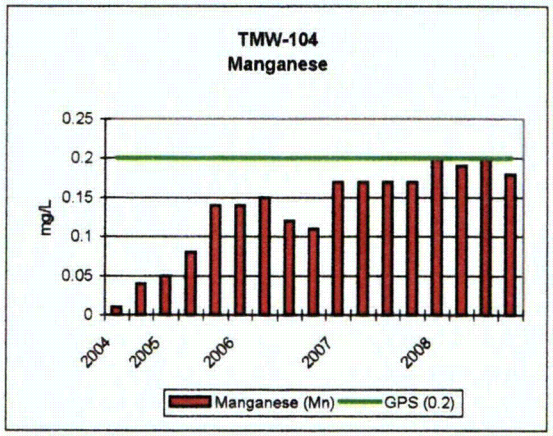
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-104
pH
Std Units
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

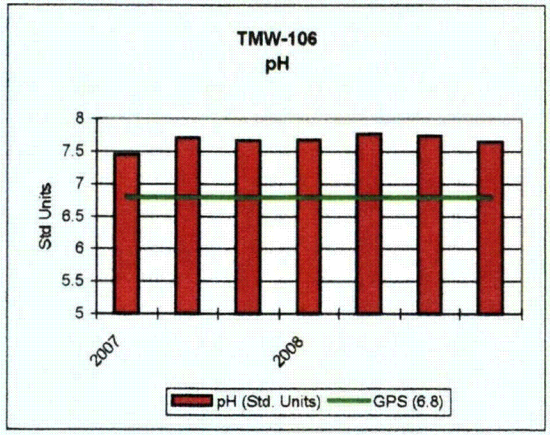

TMW-104
Combined Ra226/Ra228
pCi/L
20
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

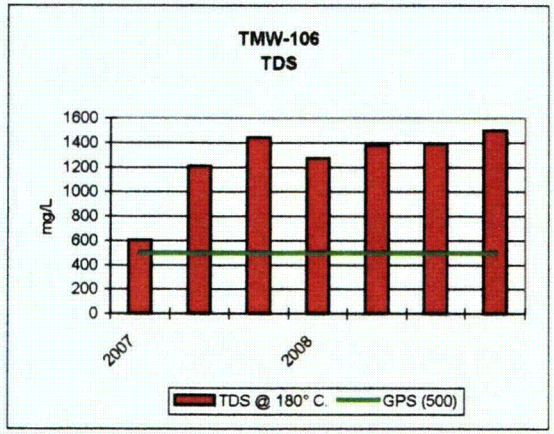

TMW-104
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

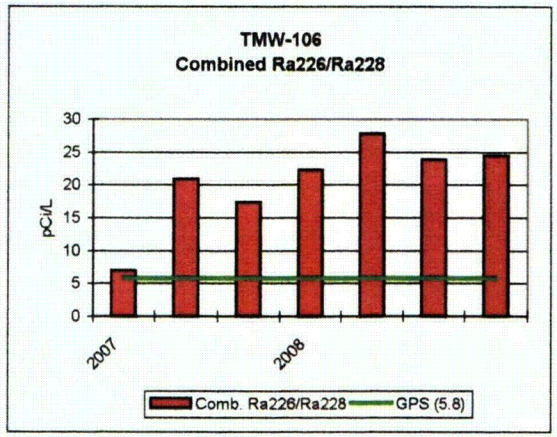

TMW-104
Uranium, Natural
pCi/L
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)


TMW-104
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

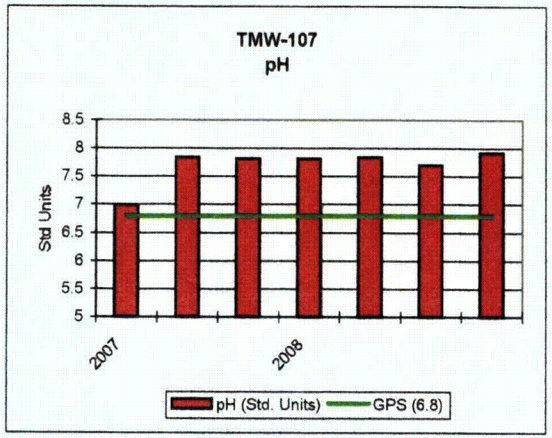
KENNECOTT URANIUM COMPANY								
TMW-106		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/23/2007	9/18/2007	12/4/2007	2/12/2008	4/1/2008	8/10/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.01	1.05	1.55	4.23	1.3	0.021	1.12
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		92	64	49	59	54	49	44
Arsenic (As)	GPS (.05)	0.007	0.002	0.001	0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		131	269	306	262	308	325	339
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		24	59	86	71	81	89	97
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		904	1640	1780	1670	1720	1740	1880
Cond-Field *(umhos/cm)*		820	1377	1605	1537	1591	1586	1666
Fluoride (F)		0.2	0.2	0.2	0.2	0.1	0.2	0.2
Iron (Fe)	GPS (0.6)	<0.05	0.09	0.18	0.13	0.07	0.15	0.18
Gross Alpha *(pCi/L)*	GPS (15)	7.7	10.6	10.9	13.1	10.1	7.9	13.5
Bicarbonate (HCO3)		112	78	59	72	65	60	54
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.5	4.4	5.3	5.1	4.6	5.1	4.9
Magnesium (Mg)		9.1	21.7	24.5	21.2	26	26.3	28.2
Manganese (Mn)	GPS (0.2)	0.06	0.12	0.13	0.12	0.13	0.13	0.13
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		44.7	58.5	63.4	61.8	71.4	66	64
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	-7.3	-0.1	0.8	2.9
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.45	7.71	7.67	7.68	7.77	7.74	7.65
pH (Field) *(Std. Units)*		7.59	7.6	7.2	7.8	7.6	7.7	7.6
Radium 226 *(pCi/L)*		1.7	6.6	6.7	7.7	10.5	7.5	7.4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	7	20.9	17.4	22.3	27.8	23.9	24.5
Radium 228 *(pCi/L)*		5.3	14.3	10.7	14.6	17.3	16.4	17.1
Selenium (Se)	GPS (.01)	0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Silica (SiO2)		13	12	12	12	11	11.6	12.5
Sulfate (SO4)		321	689	838	771	810	859	866
TDS @ 180° *C.*	**GPS (500)**	606	1210	1440	1270	1380	1390	1500
Temperature *(C)*		9.9	10.6	11.1	9.4	9.5	11.6	10.3
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	7.5	8.1	9.3	9.5	8.6	6.6	9
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

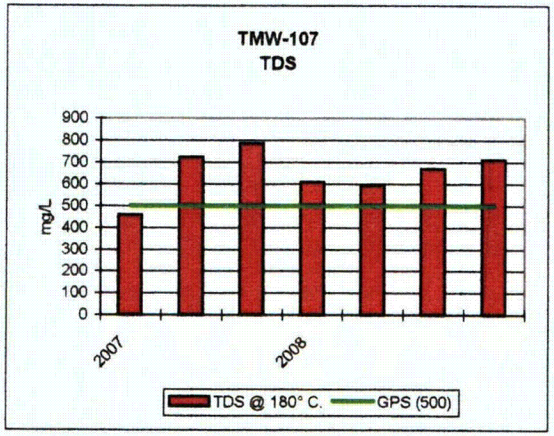

TMW-106
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

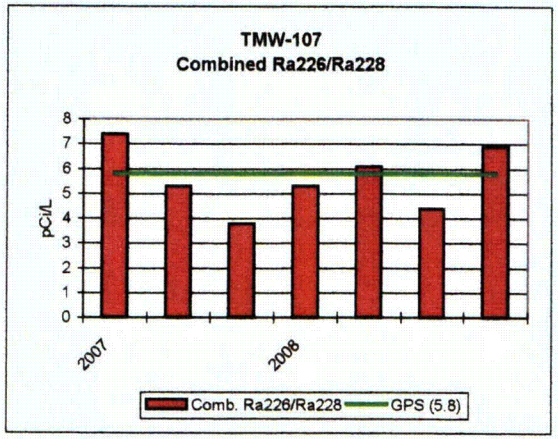

TMW-106
TDS
mg/L
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)


TMW-106
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

KENNECOTT URANIUM COMPANY								
TMW-107		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	6/6/2007	9/17/2007	12/4/2007	3/9/2008	4/1/2008	8/12/2008	10/5/2008
TDS A/C Balance *(dec. %)*		0.96	0.95	2.57	1.77	2.27	2.62	-1.88
Silver (Ag)		<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		119	120	117	122	122	117	117
Arsenic (As)	GPS (.05)	0.003	0.011	0.011	0.006	0.005	0.005	0.004
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		99.2	159	163	127	123	164	157
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		10	11	15	9	7	9	10
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		704	1030	1070	852	793	936	968
Cond-Field *(umhos/cm)*		548	933	987	801	745	861	899
Fluoride (F)		0.2	0.2	0.1	0.2	0.2	0.2	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.1
Gross Alpha *(pCi/L)*	GPS (15)	5.6	3.5	3.4	3.4	2.2	3.4	3.8
Bicarbonate (HCO3)		145	147	142	148	149	143	143
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.2	3.6	3.6	3.3	2.9	3.4	3.2
Magnesium (Mg)		8.6	14.2	13.7	10	10.7	13.4	13.1
Manganese (Mn)	GPS (0.2)	0.06	0.11	0.11	0.08	0.08	0.1	0.09
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		39.4	44.7	41.7	38	44	44	40
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	1.9
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	6.99	7.84	7.82	7.82	7.84	7.7	7.92
pH (Field) *(Std. Units)*		7.36	7.6	7.5	7.1	7.6	7.6	7.6
Radium 226 *(pCi/L)*		2.2	1.7	2.6	1.9	2.3	1.4	2.1
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	7.4	5.3	3.8	5.3	6.1	4.4	6.9
Radium 228 *(pCi/L)*		5.2	3.6	4.3	3.4	3.8	3	4.8
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		13	12	13	13	12	16	15.1
Sulfate (SO4)		234	443	432	314	286	388	408
TDS @ 180° C.	**GPS (500)**	460	722	784	611	595	669	710
Temperature *(C)*		9.3	10.8	11.1	9.1	9.4	11.7	10.2
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	6.4	11	10.4	7.2	8.3	8.7	9.9
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01

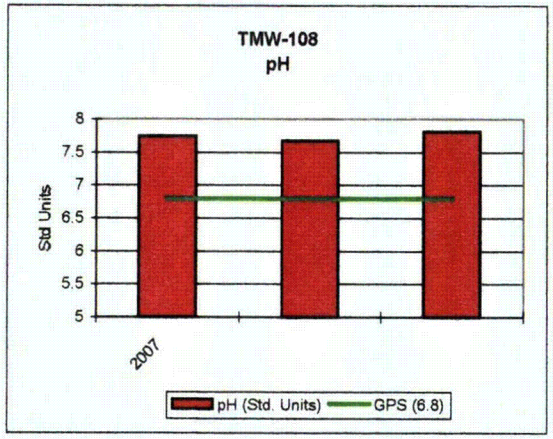

TMW-107
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

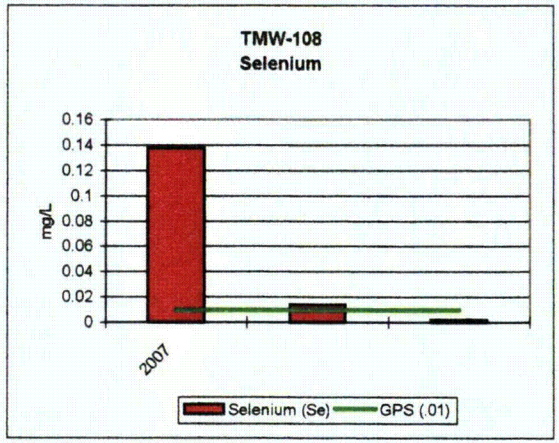

TMW-107
TDS
mg/L
900
800
700
600
500
400
300
200
100
0
2007
2008
TDS @ 180° C.
GPS (500)

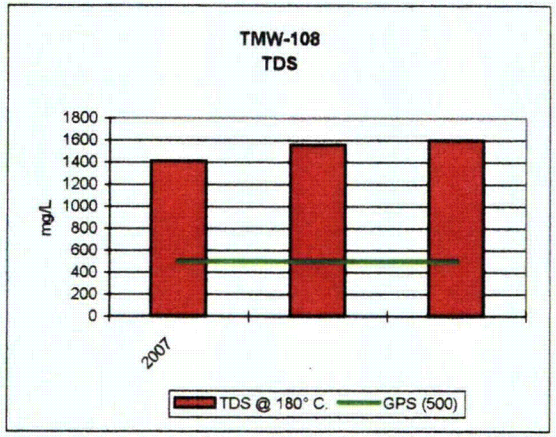

TMW-107
Combined Ra226/Ra228
pCi/L
8
7
6
5
4
3
2
1
0
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

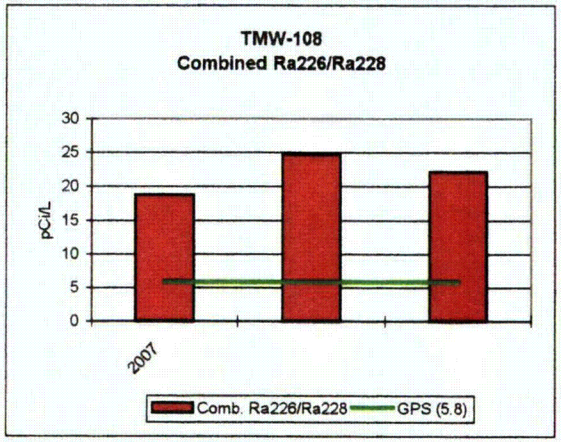
TMW 107.xls

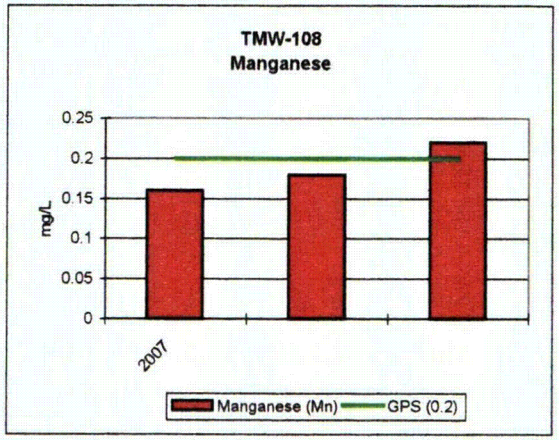
KENNECOTT URANIUM COMPANY				
TMW-108		2007		
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/24/2007	9/18/2007	12/5/2007
TDS A/C Balance *(dec. %)*		1.09	0.99	1.1
Silver (Ag)		<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1
Alk-CaC03		98	106	103
Arsenic (As)	GPS (.05)	0.005	0.005	0.005
Barium (Ba)		<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01
Calcium (Ca)		291	321	311
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005
Chloride (Cl)		69	66	76
Cyanide (CN)		<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1
Cobalt (Co)		<0.002	0.001	0.002
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1810	2030	1920
Cond-Field *(umhos/cm)*		1686	1711	2000
Fluoride (F)		0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.09	0.17	0.35
Gross Alpha *(pCi/L)*	GPS (15)	12.6	6.9	5.7
Bicarbonate (HCO3)		120	129	126
Mercury (Hg)		<0.0002	<0.0002	<0.0002
Potassium (K)		5.4	5.3	5.5
Magnesium (Mg)		26	37.4	33
Manganese (Mn)	**GPS (0.2)**	0.16	0.18	0.22
Molybdenum (Mo)		0.01	<0.01	<0.01
Sodium (Na)		79.9	86.3	73.2
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.74	7.67	7.81
pH (Field) *(Std. Units)*		7.49	7.4	7.5
Radium 226 *(pCi/L)*		5.6	2.1	2.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	18.8	24.7	22.1
Radium 228 *(pCi/L)*		13.2	22.6	19.3
Selenium (Se)	**GPS (.01)**	0.138	0.014	0.002
Silica (SIO2)		10	10	11
Sulfate (SO4)		747	979	876
TDS @ 180° *C.*	**GPS (500)**	1410	1560	1600
Temperature *(C)*		9.8	10.4	7
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	778	1270	1300
Vanadium (V205)		<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01

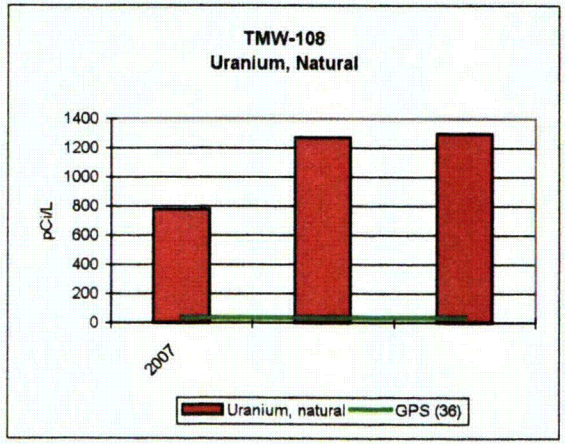

TMW-108
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
pH (Std. Units)
GPS (6.8)


TMW-108
Selenium
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2007
Selenium (Se)
GPS (.01)

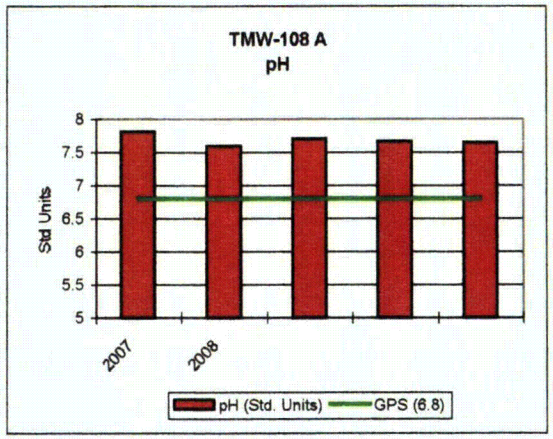

TMW-108
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
TDS @ 180° C.
GPS (500)

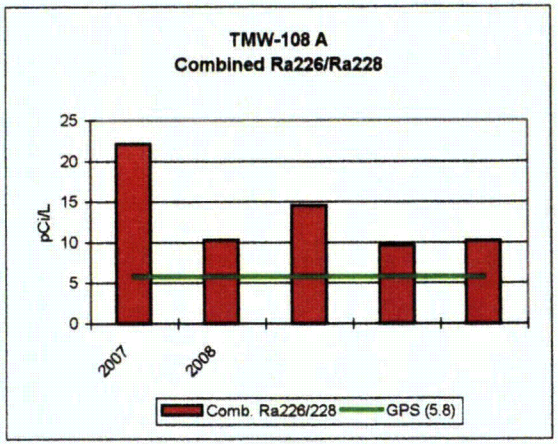

TMW-108
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2007
Comb. Ra226/Ra228
GPS (5.8)

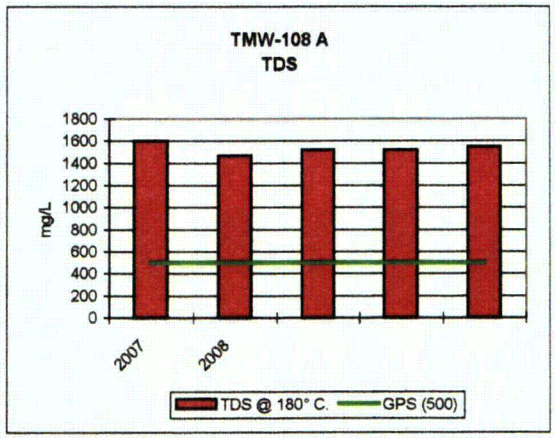

TMW-108
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2007
Manganese (Mn)
GPS (0.2)

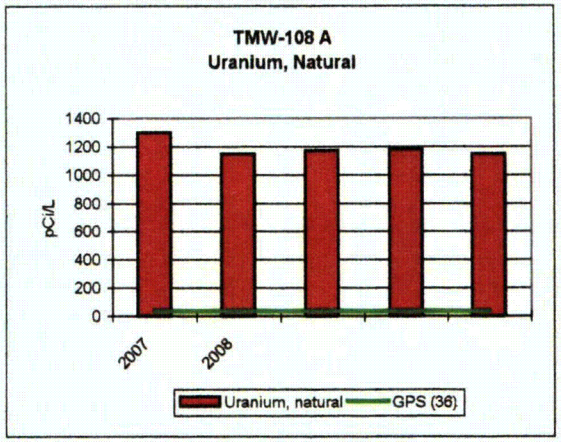

TMW-108
Uranium, Natural
pCi/L
1400
1200
1000
800
600
400
200
0
2007
Uranium, natural
GPS (36)

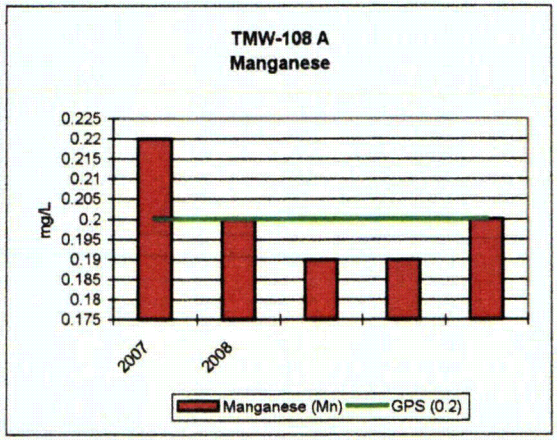
KENNECOTT URANIUM COMPANY						
TMW-108A		2007	2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.93	-4.09	0.579	0.632	1.05
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		103	103	104	99	98
Arsenic (As)	GPS (.05)	0.005	0.004	0.003	0.004	0.003
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		311	305	335	342	336
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		76	69	71	71	73
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.001	0.001	0.001	0.002
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1920	1950	1890	1900	1940
Cond-Field *(umhos/cm)*			1749	1990	1736	1688
Fluoride (F)		0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.35	0.27	0.13	0.18	0.25
Gross Alpha *(pCi/L)*	GPS (15)	5.7	11.5	6.1	5.9	6.8
Bicarbonate (HCO3)		126	126	126	120	120
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.5	5.8	5.3	5.3	5
Magnesium (Mg)		33	31.5	35.3	37	35.6
Manganese (Mn)	**GPS (0.2)**	0.22	0.2	0.19	0.19	0.2
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		73.2	82.3	89.7	84	77
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.81	7.6	7.71	7.67	7.65
pH (Field) *(Std. Units)*			6.8	7.6	7.5	7.4
Radium 226 *(pCi/L)*		2.8	3.6	4.9	2.2	2.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	22.1	10.3	14.5	9.7	10.2
Radium 228 *(pCi/L)*		19.3	6.7	9.6	8.8	11.4
Selenium (Se)	GPS (.01)	0.002	0.004	0.002	0.004	0.004
Silica (SiO2)		11	11	11	12.4	12.4
Sulfate (SO4)		876	932	927	944	898
TDS @ 180° C.	**GPS (500)**	1600	1470	1520	1520	1550
Temperature *(C)*			9.1	9.6	12.3	11
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	1300	1150	1170	1180	1150
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.01	<0.01	<0.01	<0.01


TMW-108 A
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

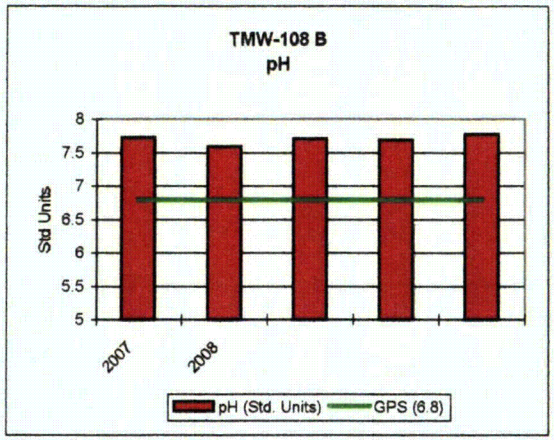

TMW-108 A
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2007
2008
Comb. Ra226/228
GPS (5.8)

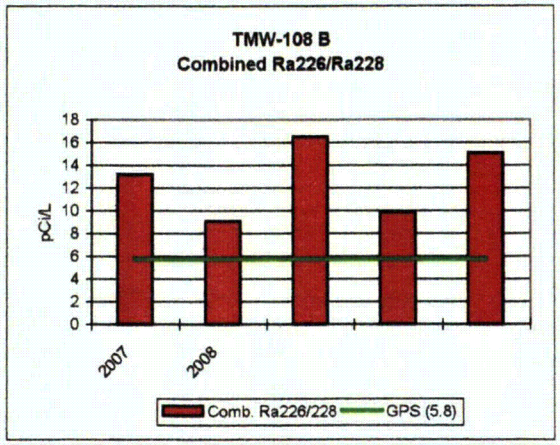

TMW-108 A
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)

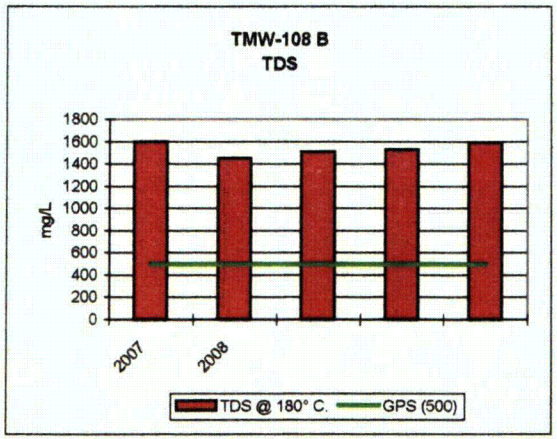

TMW-108 A
Uranium, Natural
pCi/L
1400
1200
1000
800
600
400
200
0
2007
2008
Uranium, natural
GPS (36)

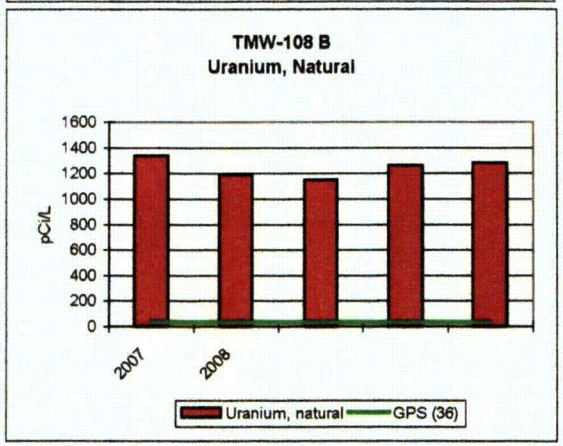

TMW-108 A
Manganese
mg/L
0.225
0.22
0.215
0.21
0.205
0.2
0.195
0.19
0.185
0.18
0.175
2007
2008
Manganese (Mn)
GPS (0.2)

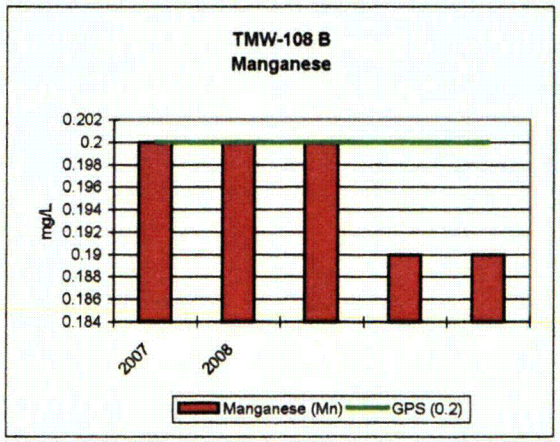
KENNECOTT URANIUM COMPANY						
TMW-108B		2007	2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		0.985	4.43	0.098	2.4	1.46
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		104	103	102	99	99
Arsenic (As)	GPS (.05)	0.005	0.004	0.003	0.003	0.003
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		308	307	333	350	345
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		74	72	71	70	74
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1
Cobalt (Co)		0.002	0.001	0.001	0.001	0.002
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1950	1960	1900	1910	1960
Cond-Field *(umhos/cm)*			1767	1990	1795	1634
Fluoride (F)		0.1	0.1	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.32	0.22	0.1	0.12	0.22
Gross Alpha *(pCi/L)*	GPS (15)	6	10.6	5.6	3.3	7.9
Bicarbonate (HCO3)		127	126	125	121	121
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.6	5.8	5.3	5.5	5.1
Magnesium (Mg)		34.5	31.3	35.1	38.8	36.9
Manganese (Mn)	**GPS (0.2)**	0.2	0.2	0.2	0.19	0.19
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		77.7	82.9	89	84	79
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.73	7.59	7.71	7.69	7.78
pH (Field) *(Std. Units)*			7.4	7.6	7.4	7.5
Radium 226 *(pCi/L)*		2.2	3.7	5.3	1.9	2.8
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	13.2	9.1	16.5	9.9	15.1
Radium 228 *(pCi/L)*		11	5.4	11.2	8	12.3
Selenium (Se)	GPS (.01)	0.002	0.002	0.002	0.004	0.003
Silica (SIO2)		11	11	11	12.6	12.3
Sulfate (SO4)		865	942	932	930	915
TDS @ 180° C.	**GPS (500)**	1600	1450	1510	1530	1590
Temperature *(C)*			9.3	9.1	11.9	10.7
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	0	0.05	0.3	0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	1340	1190	1150	1260	1280
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01


TMW-108 B
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

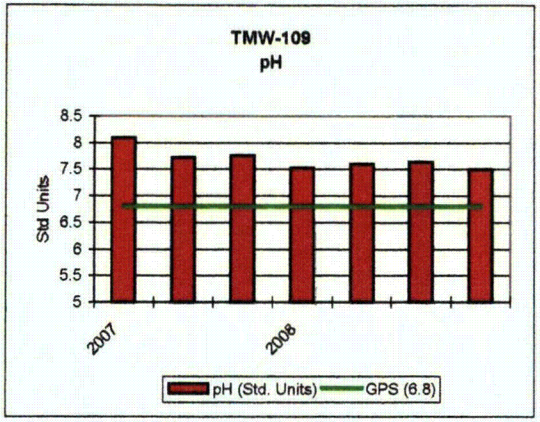

TMW-108 B
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2007
2008
Comb. Ra226/228
GPS (5.8)

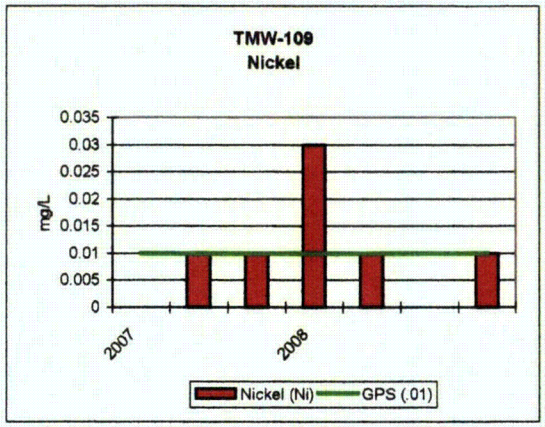

TMW-108 B
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)

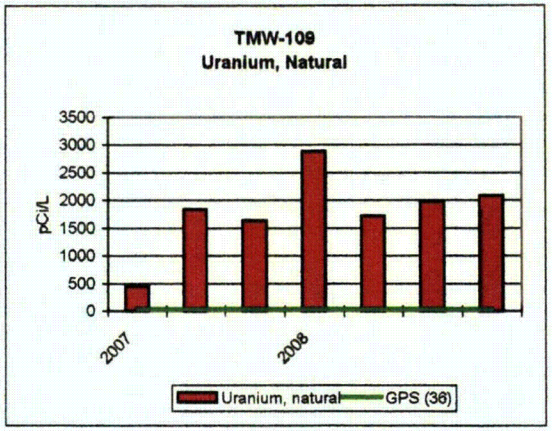

TMW-108 B
Uranium, Natural
pCi/L
1600
1400
1200
1000
800
600
400
200
0
2007
2008
Uranium, natural
GPS (36)

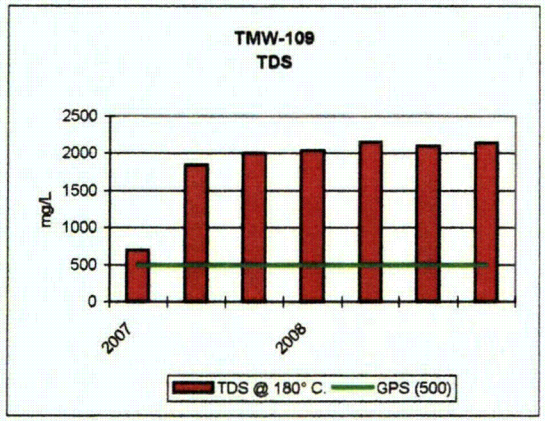

TMW-108 B
Manganese
mg/L
0.202
0.2
0.198
0.196
0.194
0.192
0.19
0.188
0.186
0.184
2007
2008
Manganese (Mn)
GPS (0.2)

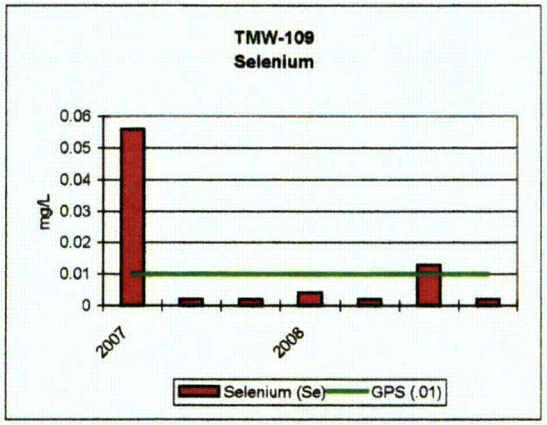
KENNECOTT URANIUM COMPANY								
TMW-109		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	6/13/2007	9/18/2007	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.06	1.08	1.2	-6.22	0.861	1.31	0.01
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		86	125	118	118	114	104	123
Arsenic (As)	GPS (.05)	0.003	0.019	0.024	0.046	0.017	0.012	0.013
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		109	345	370	385	449	450	436
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		20	76	93	89	111	104	117
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.001	0.005	0.006	0.012	0.004	0.004	0.004
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1010	2330	2350	2550	2570	2450	2530
Cond-Field *(umhos/cm)*		1008	1982	2420	2610	2670	2520	2.52
Fluoride (F)		0.2	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.29	0.33	0.21	0.16	0.33
Gross Alpha *(pCi/L)*	GPS (15)	3.9	9.3	9.4	14.3	7.6	6.6	11.2
Bicarbonate (HCO3)		105	152	143	144	139	126	149
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.4	6.2	6.6	6.8	6.7	6.6	6.2
Magnesium (Mg)		15.2	57.8	53.9	56.3	62.8	59.5	60.6
Manganese (Mn)	**GPS (0.2)**	0.07	0.22	0.27	0.59	0.3	0.27	0.29
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		64.2	110	98.2	111	128	117	114
Nickel (Ni)	**GPS (.01)**	<0.01	0.01	0.01	0.03	0.01	<0.01	0.01
Nitrogen, Nitrate+Nitrite as N		0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.1	7.73	7.76	7.53	7.6	7.64	7.51
pH (Field) *(Std. Units)*		7.65	7.4	7.4	7.5	7.4	7	7.4
Radium 226 *(pCi/L)*		2	3.5	4.3	5.4	6.8	2.9	3.2
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	4.2	16.1	16	16.6	19.5	15.5	15.8
Radium 228 *(pCi/L)*		2.2	12.6	11.7	11.2	12.7	12.6	12.6
Selenium (Se)	**GPS (.01)**	0.056	0.002	0.002	0.004	0.002	0.013	0.002
Silica (SIO2)		5	6	7	6	7	7.4	7.3
Sulfate (SO4)		380	1040	1110	1340	1310	1290	1250
TDS @ 180° C.	**GPS (500)**	694	1850	2000	2040	2150	2100	2140
Temperature *(C)*		16.5	12.2	8	10.2	9.8	11.5	11.8
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	0.1	0.05	0.2	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	452	1840	1640	2890	1720	1980	2080
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01

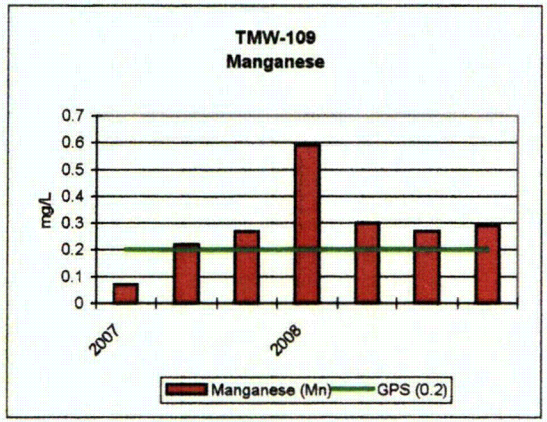

TMW-109
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

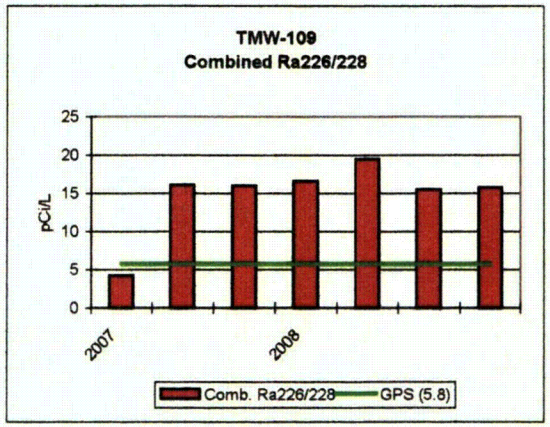

TMW-109
Nickel
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
2007
2008
Nickel (Ni)
GPS (.01)


TMW-109
Uranium, Natural
pCi/L
3500
3000
2500
2000
1500
1000
500
0
2007
2008
Uranium, natural
GPS (36)

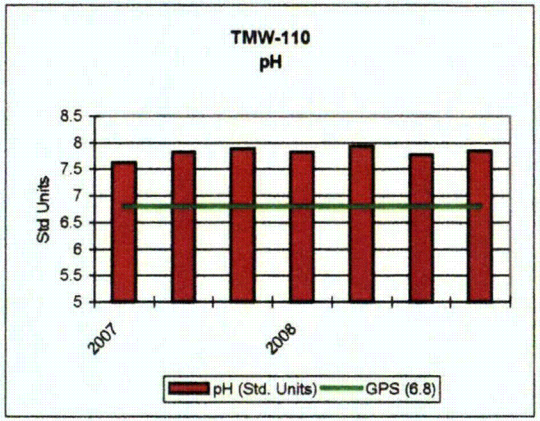

TMW-109
TDS
mg/L
2500
2000
1500
1000
500
0
2007
2008
TDS @ 180° C.
GPS (500)

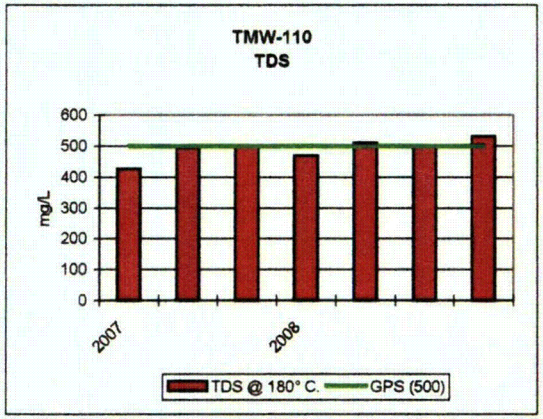

TMW-109
Selenium
mg/L
0.06
0.05
0.04
0.03
0.02
0.01
0
2007
2008
Selenium (Se)
GPS (.01)

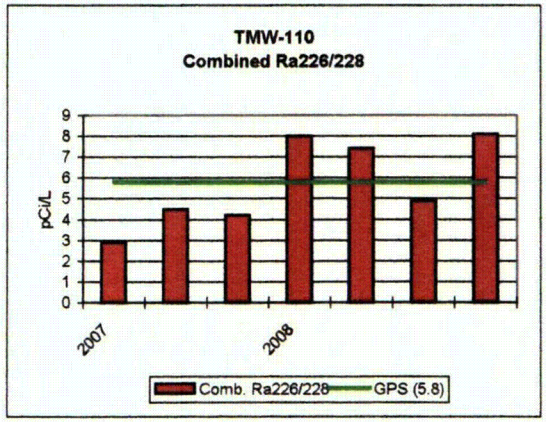

TMW-109
Manganese
mg/L
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-109
Combined Ra226/228
pCi/L
25
20
15
10
5
0
2007
2008
Comb. Ra226/228
GPS (5.8)

KENNECOTT URANIUM COMPANY								
TMW-110		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/21/2007	9/17/2007	12/4/2007	2/27/2008	4/1/2008	8/12/2008	10/5/2008
TDS A/C Balance *(dec. %)*		0.97	0.95	3.35	3.29	2.77	2.91	1.99
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		106	114	116	119	121	118	118
Arsenic (As)	GPS (.05)	0.007	0.004	0.005	<0.001	<0.001	0.001	0.002
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		89.3	104	103	96.4	110	122	123
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		8	9	17	9	10	10	9
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		675	728	751	720	721	746	778
Cond-Field *(umhos/cm)*		640	669	679	670	680	708	715
Fluoride (F)		0.2	0.2	0.2	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	0.1
Gross Alpha *(pCi/L)*	GPS (15)	3.6	3.6	3.6	4	3.5	4.4	3.4
Bicarbonate (HCO3)		129	140	141	145	148	144	144
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		3.5	3.2	3.1	3.3	3.1	3.3	3.1
Magnesium (Mg)		6.7	7.6	7	5.9	7.4	7.8	8.4
Manganese (Mn)	GPS (0.2)	0.04	0.08	0.08	0.06	0.07	0.07	0.07
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		44	42.4	38.2	40.5	45.8	44	40.4
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	1.1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.63	7.83	7.89	7.82	7.94	7.77	7.85
pH (Field) *(Std. Units)*		7.84	7.6	7.6	8	7.7	7.6	7.6
Radium 226 *(pCi/L)*		1.3	1.9	1.5	2.5	3.4	2.1	2.7
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	2.9	4.5	4.2	8	7.4	4.9	8.1
Radium 228 *(pCi/L)*		1.6	2.6	2.7	5.3	4	2.8	5.4
Selenium (Se)	GPS (.01)	0.002	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10	13	14	15	14	18	18.5
Sulfate (SO4)		212	270	247	241	241	267	274
TDS @ 180° C.	**GPS (500)**	426	494	501	468	511	500	532
Temperature *(C)*		10.7	10.5	11.1	9.3	9.4	12.3	10.7
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	0	0.07	0.1	-0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	23.2	6.7	9.2	3.4	3.5	3.3	5.5
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01


TMW-110
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-110
TDS
mg/L
600
500
400
300
200
100
0
2007
2008
TDS @ 180° C.
GPS (500)

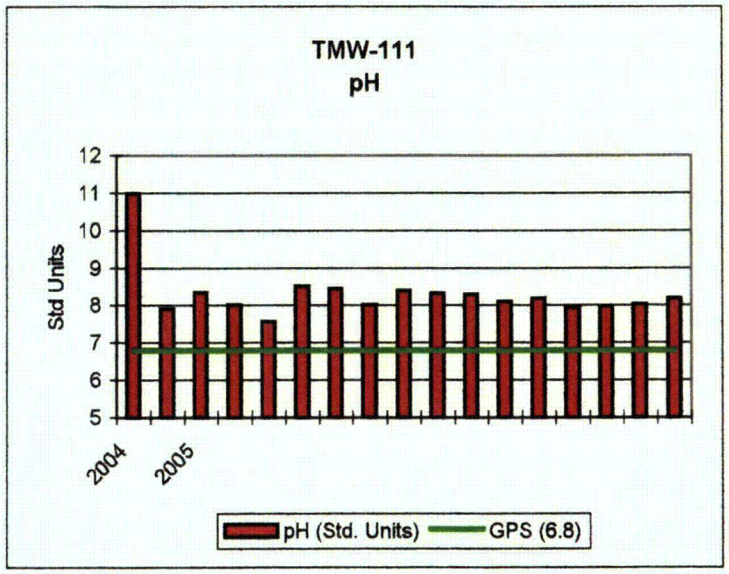

TMW-110
Combined Ra226/228
pCi/L
9
8
7
6
5
4
3
2
1
0
2007
2008
Comb. Ra226/228
GPS (5.8)

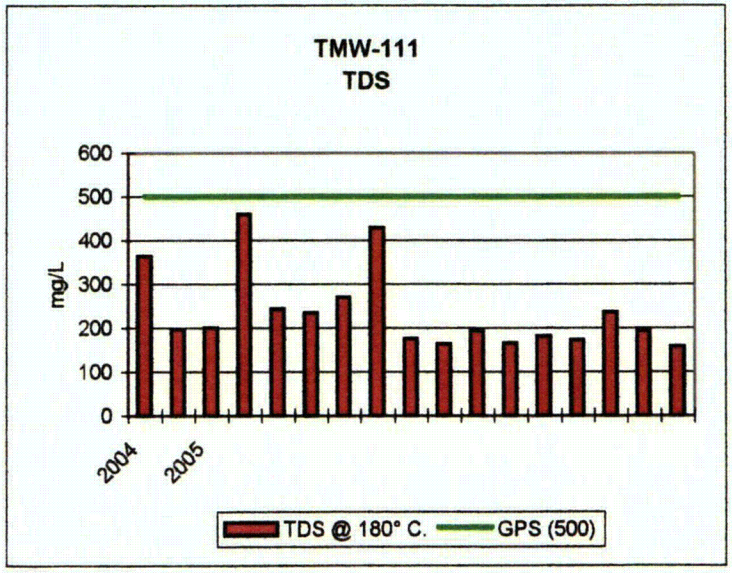
KENNECOTT URANIUM COMPANY																		
TMW-111		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/2/2004	8/4/2004	2/3/2005	8/8/2005	12/13/2005	2/13/2006	4/4/2006	8/8/2006	11/13/2006	3/14/2007	4/3/2007	9/10/2007	11/13/2007	2/20/2008	5/18/2008	8/10/2008	11/11/2008
TDS A/C Balance *(dec. %)*		1.04	1.17	0.9	1.03	1.03	0.94	1.06	1.05	1.01	0.94	0.98	0.91	0.79	4.4	4.6	4.07	3.92
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		164	56	64	88	85	90	88	95	95	82	82	87	93	88	84	85	79
Arsenic (As)	GPS (.05)	0.004	0.002	0.001	0.003	0.001	0.001	0.001	0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		69.1	14.1	28.1	89.9	36.7	40.2	42.4	80.6	19.3	18.8	23.9	22.2	32.4	17.3	37.4	32.5	20.4
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		7.1	3	4	7	<1	2	3	7	2	2	3	3	5	2	2	2	1
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		109	<1	<1	<1	<1	2	2	<1	2	1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1100	285	355	689	376	399	395	666	273	272	315	250	38.2	248	351	330	268
Cond-Field *(umhos/cm)*		1400	240	320	400	270	320	280	736	243	263	284	255	329	245	324	307	229
Fluoride (F)		0.3	0.2	0.2	1	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.6	<1	1.6	2.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.3	1.5	1	0.4
Bicarbonate (HCO3)		18.5	69	76	107	104	106	104	116	113	98	98	106	113	107	103	103	96
Mercury (Hg)		0.0018	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		24.5	2.6	2.6	3.3	2.1	1.9	1.7	2.6	1.6	1.4	1.8	1.5	1.8	1.6	1.6	1.6	1.4
Magnesium (Mg)		<1	1.3	2.3	8.3	3.2	3.4	3.9	7.6	1.4	1.3	1.5	1.7	2.5	0.9	3	2.5	1.4
Manganese (Mn)	GPS (0.2)	<0.01	<0.01	<0.01	0.03	0.03	<0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		55.5	41.7	42.2	42.7	38	37.3	37.2	36.8	36.8	39.1	41.4	37.7	37.4	36	36.9	38.4	37.3
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	6.2	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	11	7.92	8.36	8.03	7.58	8.53	8.46	8.03	8.41	8.33	8.3	8.11	8.2	7.96	7.99	8.05	8.19
pH (Field) *(Std. Units)*		12.2	8.6	8.2	8.1	8.24	8.13	8.05	7.44	7.78	7.96	7.87	7.9	7.8	8.9	8.2	8.2	8
Radium 226 *(pCi/L)*		0.8	0.4	0.6	0.7	0.7	0.9	1.1	0.7	0.6	0.5	<0.2	<0.2	<0.2	0.3	0.3	0.46	0.06
Combined Ra226/228 *(pCi/L)*	GPS (5.8)	0.6	0.4	1.7	0.7	0.7	0.9	1.1	3.2	0.6	0.5	0	0	0	2.3	1.3	2.4	1.06
Radium 228 *(pCi/L)*		<1	<1	1.1	<1	<1	<1	<1	2.5	<1	<1	<1	<1	<1	2	1	1.9	1
Selenium (Se)	GPS (.01)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		15.1	11	12	13	12	12	12	10	11	10	13	11	12	12	7	13.6	13.6
Sulfate (SO4)		95.1	63	94	235	93	100	100	207	45	52	64	54	84	45	80	72	45
TDS @ 180° C.	**GPS (500)**	364	199	201	460	244	236	270	430	176	164	194	166	182	174	237	194	159
Temperature *(C)*		8	13	10	12	9.1	9.2	11.8	13.3	8.6	10.3	9.9	11.3	10.8	10.7	11.6	11.2	10.8
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.1	0	0.1	0
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	<0.2	3.9	5.7	11.5	4.8	4.2	3.9	5.7	2.6	2.6	2.9	2.3	2.8	1.8	2.7	2.7	3.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

KENNECOTT URANIUM COMPANY
TMW-111

NORTHING: 148,800.06 EASTING: 324,200.03 ND = Non-detectable	Groundwater Protection Standard	2004 2/2/2004	02/11/04	06/14/05	08/08/05	12/13/05	2006 02/13/06	04/04/06	08/08/06	11/13/06	2007 03/14/07	04/03/07	09/10/07	11/13/07	2008 02/20/08	05/18/08	08/10/08	11/11/08
ORGANICS:																		
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																		
Chloromethane	0.12	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-111
pH
Std Units
12
11
10
9
8
7
6
5
2004
2005
pH (Std. Units)
GPS (6.8)


TMW-111
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
TDS @ 180° C.
GPS (500)

KENNECOTT URANIUM COMPANY																			
TMW-112		2004			2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	*Groundwater* Protection Standard (GPS) as of 5/26/05	2/2/2004	4/12/2004	10/12/2004	4/11/2005	7/18/2005	12/22/2005	2/7/2006	4/3/2006	8/8/2006	11/7/2006	2/7/2007	5/9/2007	7/25/2007	10/2/2007	2/20/2008	4/2/2008	8/10/2008	10/13/2008
TDS A/C Balance *(dec. %)*		0.98	1.16	1.11	1.04	1.04	1.09	1.16	1.07	1.06	1	0.95	1.08	1.14	1.09	2.14	1.27	2.43	-0.819
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaCO3		88.8	37.5	92	83	84	78	75	75	70	99	86	68	72	85	90	90	79	84
Arsenic (As)	GPS (.05)	<0.001	0.002	0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		153	396	227	269	347	357	314	399	305	161	157	370	313	188	168	247	345	241
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		11.4	37.5	19	25	29	35	27	28	24	12	13	22	24	19	12	40	18	16
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		0.027	0.112	0.028	0.055	0.075	0.086	0.07	0.082	0.052	0.022	0.018	0.074	0.058	0.028	0.017	0.03	0.047	0.031
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1090	2280	1420	1740	1910	2230	1910	2210	1900	1120	1020	2140	1960	1420	1150	1460	1820	1510
Cond-Field *(umhos/cm)*		1000	1200	760	1140	820	1290	1260	1260	1740	1042	966	1897	1810	1248	1062	1345	1710	1344
Fluoride (F)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2
Iron (Fe)	**GPS (0.6)**	0.164	10.2	2.62	5.75	8.47	7.97	5.14	7.12	2.76	1.78	1.01	7.23	6.17	2.09	1.48	2.27	2.8	2.33
Gross Alpha *(pCi/L)*	GPS (15)	2.6	2.5	3.8	4.2	8.5	6	7.6	8.3	4.8	10	2.8	7.3	5.8	7.1	8.2	3.6	4	4.1
Bicarbonate (HCO3)		108	45.8	112	101	103	95	92	92	86	121	105	83	88	103	110	110	97	103
Mercury (Hg)		0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		6.1	7.9	5	5.5	5.7	6.6	6	6.1	5.2	3.9	3.9	6.1	5.8	5	4.4	4.5	5.7	4.6
Magnesium (Mg)		20.2	47.5	24.6	32.1	44.1	47.8	44.1	55.6	40.4	21.1	21	47.8	39.7	22.8	19.6	31.8	42.8	29.3
Manganese (Mn)	**GPS (0.2)**	0.33	0.71	0.38	0.5	0.56	0.7	0.58	0.68	0.52	0.26	0.26	0.63	0.57	0.35	0.26	0.4	0.53	0.38
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		67.4	81.7	57.5	61.6	75.4	82.3	72.7	90.7	71.8	49.5	49.9	75.5	72.5	52.7	51	64.3	70	58
Nickel (Ni)	**GPS (.01)**	0.05	0.15	0.04	0.08	0.12	0.11	0.09	0.1	0.07	0.02	0.02	0.1	0.07	0.03	0.02	0.03	0.05	0.03
Nitrogen, Nitrate+Nitrite as N		<0.1	0.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	2.8	<1	<1	<1	<1	<1	<1	1.7	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	8.09	6.33	7.44	7.24	7.08	7.8	7.29	7.21	7.13	7.33	7.5	6.92	7	7.38	7.49	7.34	7.16	7.11
pH (Field) *(Std. Units)*		8.4	5.8	6.8	6.5	6.7	6.71	6.86	6.71	6.64	6.72	7.1	6.51	6.8	7.1	7.4	6.9	6.9	6.9
Radium 226 *(pCi/L)*		1.9	5.7	3.5	3.1	6.9	3.9	3.3	3.4	3.3	2.3	2.4	5.7	4.8	3	2	2.7	3	3.9
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.9	25.5	7.9	11.5	19.3	19.4	16.4	11.4	15.3	5.7	3.6	18	21	10.7	5.3	10.3	13.2	11.1
Radium 228 *(pCi/L)*		<1	19.8	4.4	8.4	12.4	15.5	13.1	8	12	3.4	4	12.3	16.2	7.7	3.3	7.4	10.2	7.2
Selenium (Se)	GPS (.01)	0.003	0.003	0.002	<0.004	<0.001	<0.001	0.002	0.001	0.002	<0.004	<0.004	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.3	14.1	13	13	14	11	11	12	10	10	11	14	12	11	10	11	11.4	11.7
Sulfate (SO4)		474	1160	592	880	1020	1170	926	1180	933	469	476	1090	949	598	517	701	994	730
TDS @ 180° C.	**GPS (500)**	771	2040	1100	1400	1640	1920	1680	2000	1510	788	744	1790	1660	1030	804	1170	1600	1200
Temperature *(C)*		8	10	13	11	11	9	8.8	12.1	13.2	12	10.6	10.3	11.2	10	10.3	10	11.3	9.8
Thorium 230 *(pCi/L)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	82.6	25.1	9.4	9.9	20.1	35.9	36.6	49.1	48.1	34	43.3	46.1	46.4	37.6	35.5	33.7	37.3	32.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		0.02	0.08	0.02	0.04	0.04	0.03	0.03	0.04	0.04	0.01	<0.01	0.05	0.03	0.01	0.02	0.01	0.02	0.01

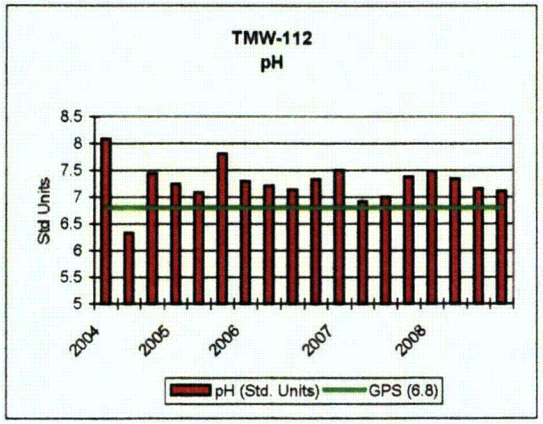
KENNECOTT URANIUM COMPANY
TMW-112
NORTHING: 148,700.09 EASTING: 324,199.95
ND = Non-detectable

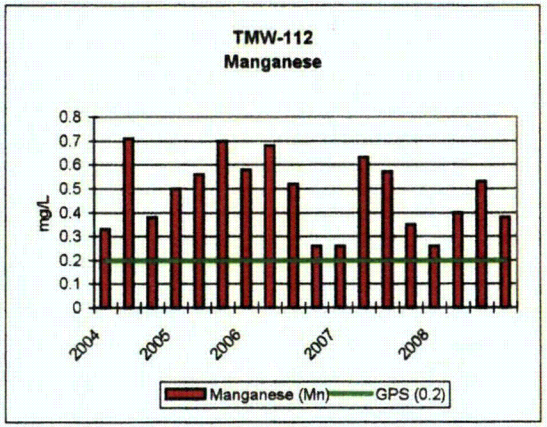
	Groundwater Protection Standard	2004 2/2/2004	02/17/04	03/17/04	04/12/04	05/11/04	06/10/04	07/13/04	08/05/04	09/21/04	10/12/04	11/08/04	12/07/04	2005 01/18/05	02/07/05	03/08/05	04/11/05	05/10/05	07/18/05
ORGANICS mg/L:																			
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																			
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	0.0023	0.0019	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

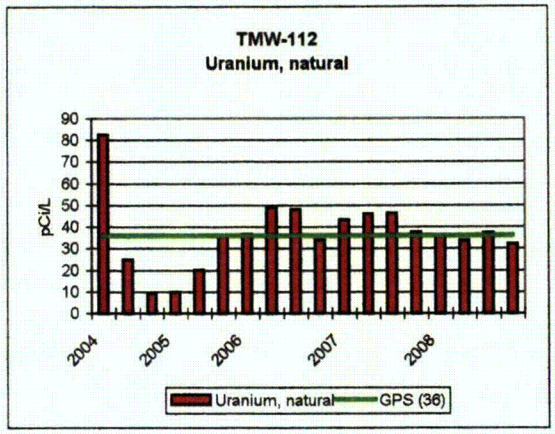
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

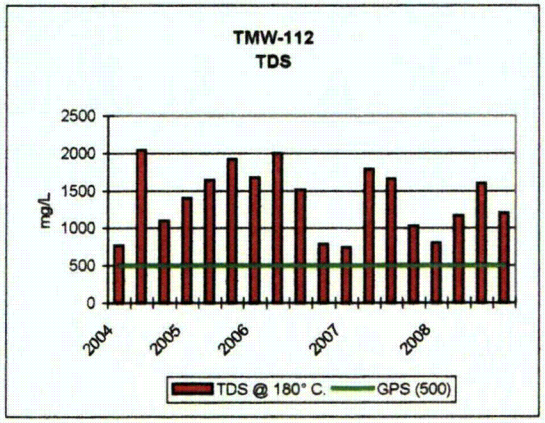
KENNECOTT URANIUM COMPANY														
TMW-112														
NORTHING: 148,700.09 EASTING:	Groundwater													
324,199.95	Protection		2006				2007				2008			
ND = Non-detectable	Standard	12/22/05	02/07/06	04/03/06	08/08/06	11/07/06	02/07/07	05/09/07	07/25/07	10/02/07	02/20/08	04/02/08	08/10/08	10/13/08
ORGANICS mg/L:														
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:														
Chloromethane	0.12	0.012	0.0011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

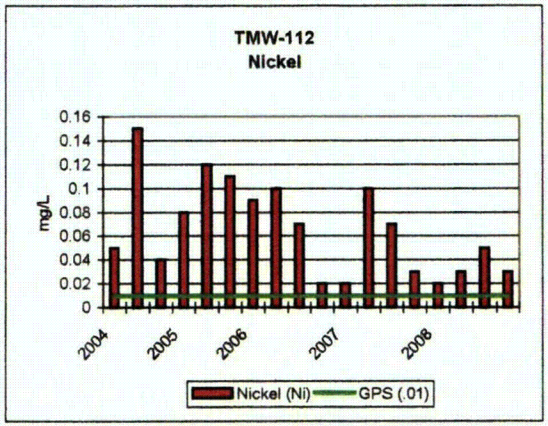
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

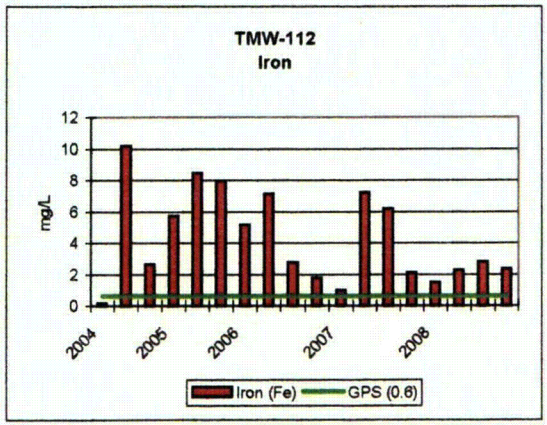

TMW-112
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

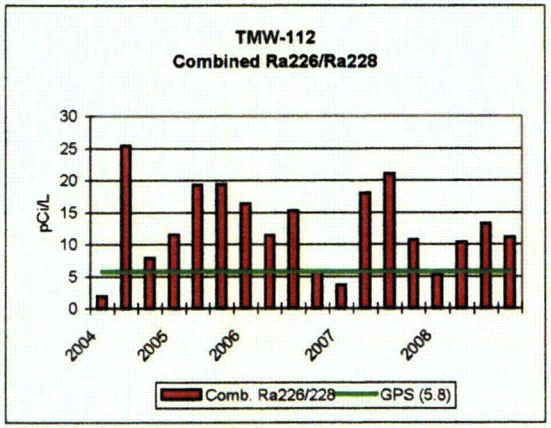

TMW-112
Manganese
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


TMW-112
Uranium, natural
pCi/L
90
80
70
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)


TMW-112
TDS
mg/L
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-112
Nickel
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)


TMW-112
Iron
mg/L
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

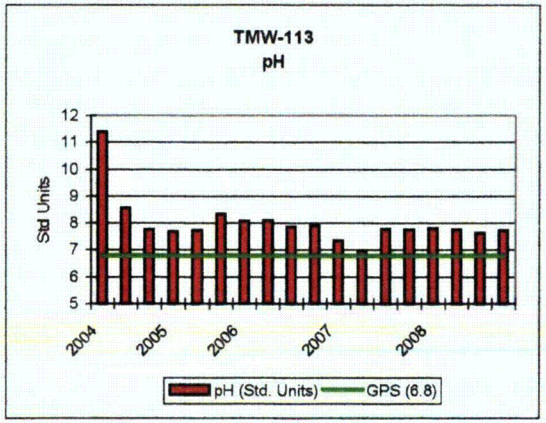

TMW-112
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

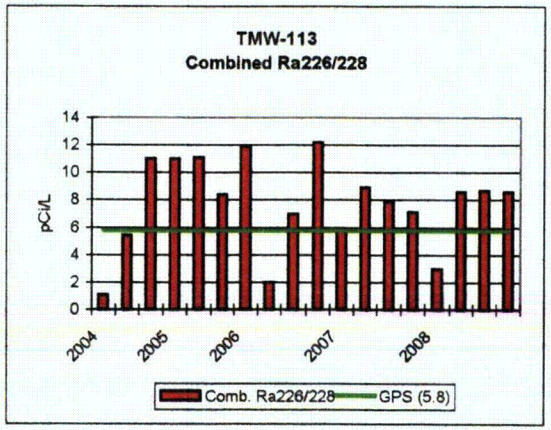
KENNECOTT URANIUM COMPANY																			
TMW-113		2004			2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/26/2004	4/12/2004	10/12/2004	4/11/2005	7/18/2005	12/21/2005	2/7/2006	4/4/2006	8/8/2006	11/13/2006	2/7/2007	5/9/2007	7/25/2007	10/2/2007	2/20/2008	4/2/2008	8/10/2008	10/14/2008
TDS A/C Balance *(dec. %)*		0.96	1.06	1.1	1.05	1.05	1.06	1.11	1.04	1.07	1.09	0.95	1.09	1.12	1.11	3.1	3.06	2.1	-0.895
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		260	22.8	98	106	110	105	110	111	106	104	106	114	109	110	105	108	102	101
Arsenic (As)	GPS (.05)	0.001	0.006	0.005	0.007	0.006	0.004	0.002	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		178	236	335	344	388	226	245	369	253	206	232	327	277	200	151	257	266	185
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		14.3	36.3	34	44	41	29	27	34	26	19	23	28	26	25	13	20	22	16
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		104	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	0.001	0.002	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1730	1560	1960	2050	2010	1470	1480	1940	1610	1310	1380	1900	1640	1420	995	1460	1460	1170
Cond-Field *(umhos/cm)*		2400	780	900	1260	880	1010	1070	1050	1510	1211	1298	1696	1519	1202	921	1353	1361	1022
Fluoride (F)		0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.27	0.45	0.53	0.35	0.17	0.52	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	0.06	0.19	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	1.6	9.6	2.9	4.4	5.3	3	3.4	4.4	2.5	3.9	1.5	3.5	3	3.6	6.3	3.7	4.8	2.2
Bicarbonate (HCO3)		8	26.8	120	129	134	125	134	136	129	127	129	140	133	135	128	132	124	123
Mercury (Hg)		0.0007	0.0013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		14.8	9.1	5.4	5.8	5.3	4.4	4.5	5	4.9	3.8	4.3	4.9	4.6	4.5	3.7	4.4	4.2	3.5
Magnesium (Mg)		<1	21.6	28.5	32.5	36.2	20	23.1	37.5	24.2	18.7	21.7	31.7	25.3	17.4	12.7	25.5	26.3	17.5
Manganese (Mn)	**GPS (0.2)**	<0.01	0.03	0.18	0.23	0.2	0.14	0.14	0.17	0.13	0.11	0.12	0.16	0.15	0.12	0.08	0.15	0.16	0.11
Molybdenum (Mo)		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		83.7	90.7	73.4	76.3	81.3	55.2	61.7	84.5	62	55.1	61.2	76.2	67.8	54.4	47.4	67.6	63	50
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	11.4	8.56	7.76	7.69	7.73	8.35	8.07	8.1	7.86	7.91	7.35	6.98	7.78	7.77	7.82	7.77	7.64	7.73
pH (Field) *(Std. Units)*		12.3	10.9	7.6	7.2	7.4	7.43	7.4	7.58	7.58	7.24	7.44	7.41	7.5	7.6	8	7.4	7.6	7.5
Radium 226 *(pCi/L)*		1.1	1.6	2.8	3.3	3.9	2.1	2.2	2	2.3	4	2.2	2.8	1.8	1.8	1	1.2	1.9	2.4
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1.1	5.4	11	11	11.1	8.4	11.9	2	7	12.2	5.8	8.9	7.9	7.1	3	8.6	8.7	8.6
Radium 228 *(pCi/L)*		<1	3.8	8.2	7.7	7.2	6.3	9.7	<1	4.7	8.2	3.6	6.1	6.1	5.3	2	7.4	6.8	6.2
Selenium (Se)	GPS (.01)	0.009	0.003	0.002	<0.004	<0.001	<0.001	<0.001	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		8.1	7.6	12	12	13	13	12	13	11	12	12	11	13	12	12	12	12.6	13.1
Sulfate (SO4)		391	752	838	1050	1030	675	642	992	700	546	684	859	699	568	430	681	714	514
TDS @ 180° C.	**GPS (500)**	804	1230	1530	1710	1740	1150	1200	1700	1220	1010	1040	1530	1320	1050	685	1160	1160	851
Temperature *(C)*		8	10	12	11	12	8.2	6.3	11.3	13	9.8	8.9	10.8	11	10.3	10	9.5	12.4	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	6.2	160	100	158	150	65.7	69.4	138	97.9	66	57.1	115	80.8	55.2	39.6	63.5	65.3	53.1
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

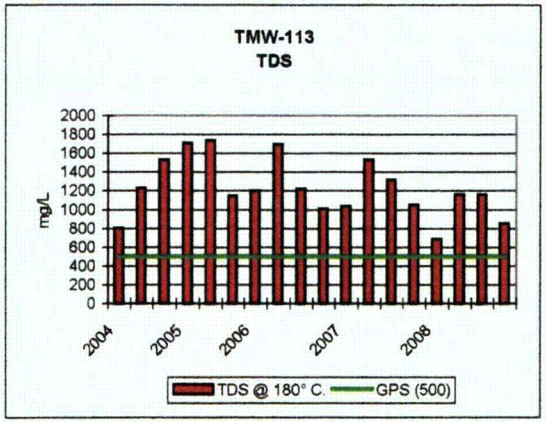
KENNECOTT URANIUM COMPANY
TMW-113
NORTHING: 148,600.06 EASTING: 324,199.95
ND = Non-detectable

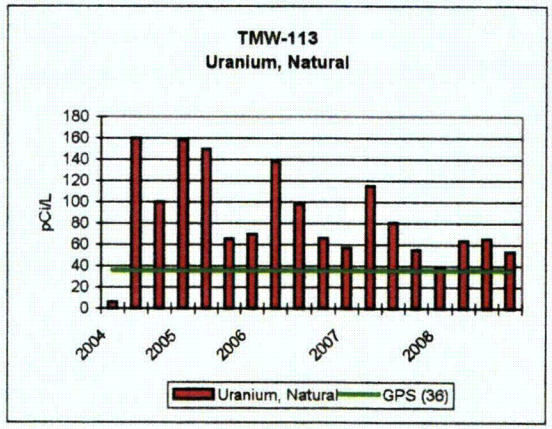
	Groundwater Protection Standard	2004 1/26/04	2/17/04	3/17/04	4/12/04	5/11/04	6/10/04	7/18/05	12/21/05	2006 2/7/06	4/4/06	8/8/06	11/13/06	2007 2/7/07	5/9/07	7/25/07	10/2/07	2008 2/20/08	4/2/08	8/10/08
ORGANICS mg/L:																				
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																				
Chloromethane	0.12	ND	ND	ND	ND	ND	ND	ND	0.012	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	0.0022	0.0018	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

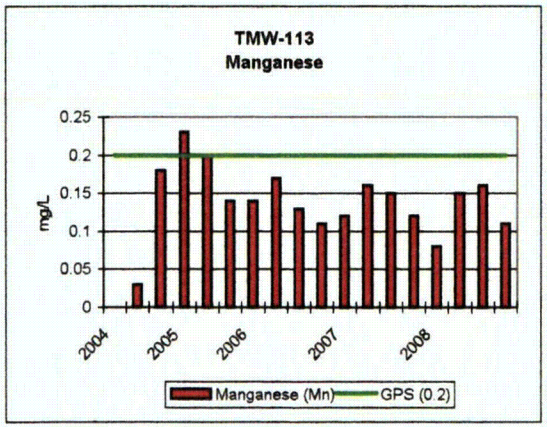
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-113
pH
Std Units
12
11
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-113
Combined Ra226/228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)


TMW-113
TDS
mg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-113
Uranium, Natural
pCi/L
180
160
140
120
100
80
60
40
20
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

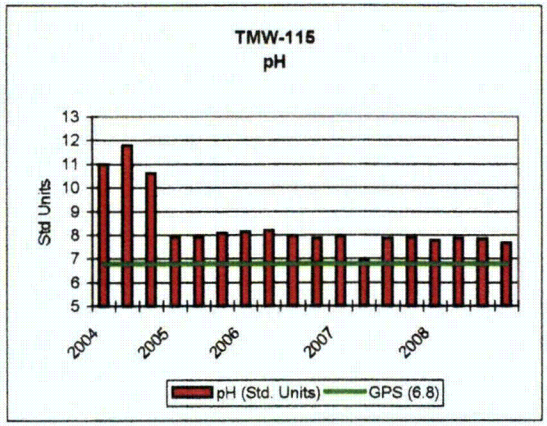

TMW-113
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

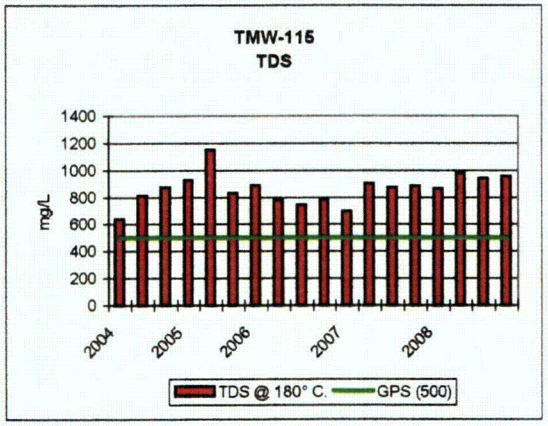
KENNECOTT URANIUM COMPANY																			
TMW-115		2004			2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/21/2004	4/12/2004	10/12/2004	4/11/2005	7/19/2005	12/14/2005	1/17/2006	4/5/2006	8/9/2006	10/7/2006	1/10/2007	4/11/2007	7/22/2007	10/1/2007	2/20/2008	4/2/2008	7/21/2008	10/13/2008
TDS A/C Balance *(dec. %)*		1.07	1.01	1.01	1.07	1	0.98	1.08	1.02	1.07	0.99	1	0.98	0.95	1.05	1.25	4.44	2.28	-0.544
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		113	266	29	23	87	115	118	117	112	115	115	110	120	128	127	126	125	124
Arsenic (As)	GPS (.05)	0.002	0.003	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		129	187	192	174	269	188	180	170	151	177	151	204	198	182	198	223	209	203
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		9.7	8.9	16	12	18	16	16	13	14	13	14	18	14	16	16	16	14	15
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		74.5	191	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1290	1860	1250	1250	1410	1110	1160	1050	1070	1070	976	1240	1190	1230	1220	1260	1220	1260
Cond-Field *(umhos/cm)*		1100	1280	780	860	640	800	870	620	960	1013	915	1130	1138	1076	1137	1171	1062	1139
Fluoride (F)		0.3	0.3	0.1	0.1	0.1	0.2	<0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	0.06	0.06	0.05	0.13	<0.05	<0.05	0.08	0.15	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	3.1	<1	1.1	<1	2.6	3.1	2.8	1.4	2.3	2	1.7	4.7	4.8	4.8	7.5	2.8	2.4	2.2
Bicarbonate (HCO3)		13.5	6	7	28	106	140	143	142	137	141	140	134	150	156	155	153	152	151
Mercury (Hg)		0.0011	0.006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		13.5	14.6	10	8.1	5.8	4.1	4.1	3.2	4	3.7	3.7	4.2	3.9	4.5	4.3	4.4	3.9	3.9
Magnesium (Mg)		1.2	<0.1	3.7	13.4	20.2	16.6	15.8	14.8	13	15.2	13.4	17.9	17.1	14.8	16.2	19.8	17.5	16.9
Manganese (Mn)	GPS (0.2)	<0.01	<0.01	<0.01	0.02	0.11	0.09	0.1	0.08	0.07	0.08	0.08	0.12	0.11	0.11	0.11	0.12	0.1	0.11
Molybdenum (Mo)		0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		70.9	79.3	66.5	62.5	59	50.5	49.6	50.5	46.2	52.1	48	55.5	55.3	54.1	56.1	60.8	53	52
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	14.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.4	<1	<1	<1	<1	11	<1	3	<1
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	11	11.8	10.6	7.92	7.92	8.08	8.13	8.19	7.96	7.86	7.94	6.94	7.86	7.88	7.77	7.87	7.82	7.68
pH (Field) *(Std. Units)*		12.5	12.1	11.2	8.2	7.4	7.46	7.67	7.65	7.25	7.52	7.64	7.47	7.7	7.6	7.8	7.6	7.6	7.2
Radium 226 *(pCi/L)*		1	1	1.2	1.3	1.9	2.4	2.2	1.4	1.4	1.4	3.4	2.6	4.3	1.6	2.1	1.9	1.7	2.5
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	1	1	1.2	3.4	6	5.3	6.4	1.4	7.3	4.6	6.4	6.6	9.4	6.6	6	8.5	6.3	8.2
Radium 228 *(pCi/L)*		<1	<1	<1	2.1	4.1	2.9	4.2	<1	5.9	3.2	3	4	5.1	5	3.9	6.6	4.6	5.7
Selenium (Se)	GPS (.01)	0.007	0.002	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		15.1	8.8	4	11	12	14	13	14	11	13	14	13	12	14	14	13	15.5	14.3
Sulfate (SO4)		308	353	557	573	714	485	474	427	389	445	384	548	542	478	535	541	517	535
TDS @ 180° C.	**GPS (500)**	641	814	875	925	1150	830	890	778	744	784	696	904	874	886	863	979	941	958
Temperature *(C)*		8	11	11	9	12	5.9	6.4	12.3	12.9	10.1	8.9	9.7	12	11.5	9.5	9.4	11.5	9.7
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	GPS (36)	<0.2	0.4	0.4	12.9	15.6	11.4	12.3	10.8	9.4	9.8	8.6	8.9	10.7	11.5	10.2	10.7	10.7	12.3
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

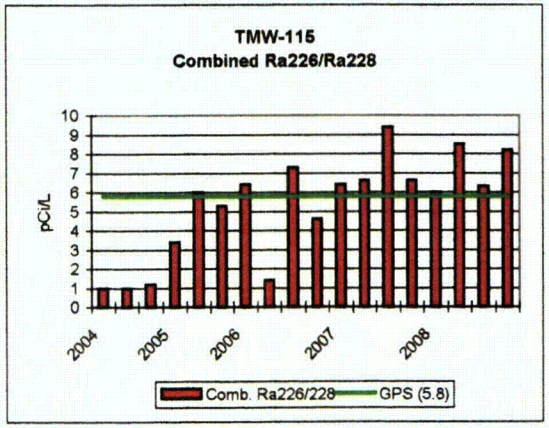
KENNECOTT URANIUM COMPANY
TMW-115
NORTHING: 148,499.96 EASTING: 324,199.79
ND = Non-detectable

	Groundwater Protection Standard	2004					2006				2007				2008			
		1/21/2004	02/17/04	04/12/04	07/19/05	12/14/05	01/17/06	04/05/06	08/09/06	10/07/06	01/10/07	04/11/07	07/22/07	10/01/07	02/20/08	04/02/08	07/21/08	10/13/08
ORGANICS mg/L:																		
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:																		
Chloromethane	0.12	ND	ND	ND	ND	0.012	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water


TMW-115
pH
Std Units
13
12
11
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

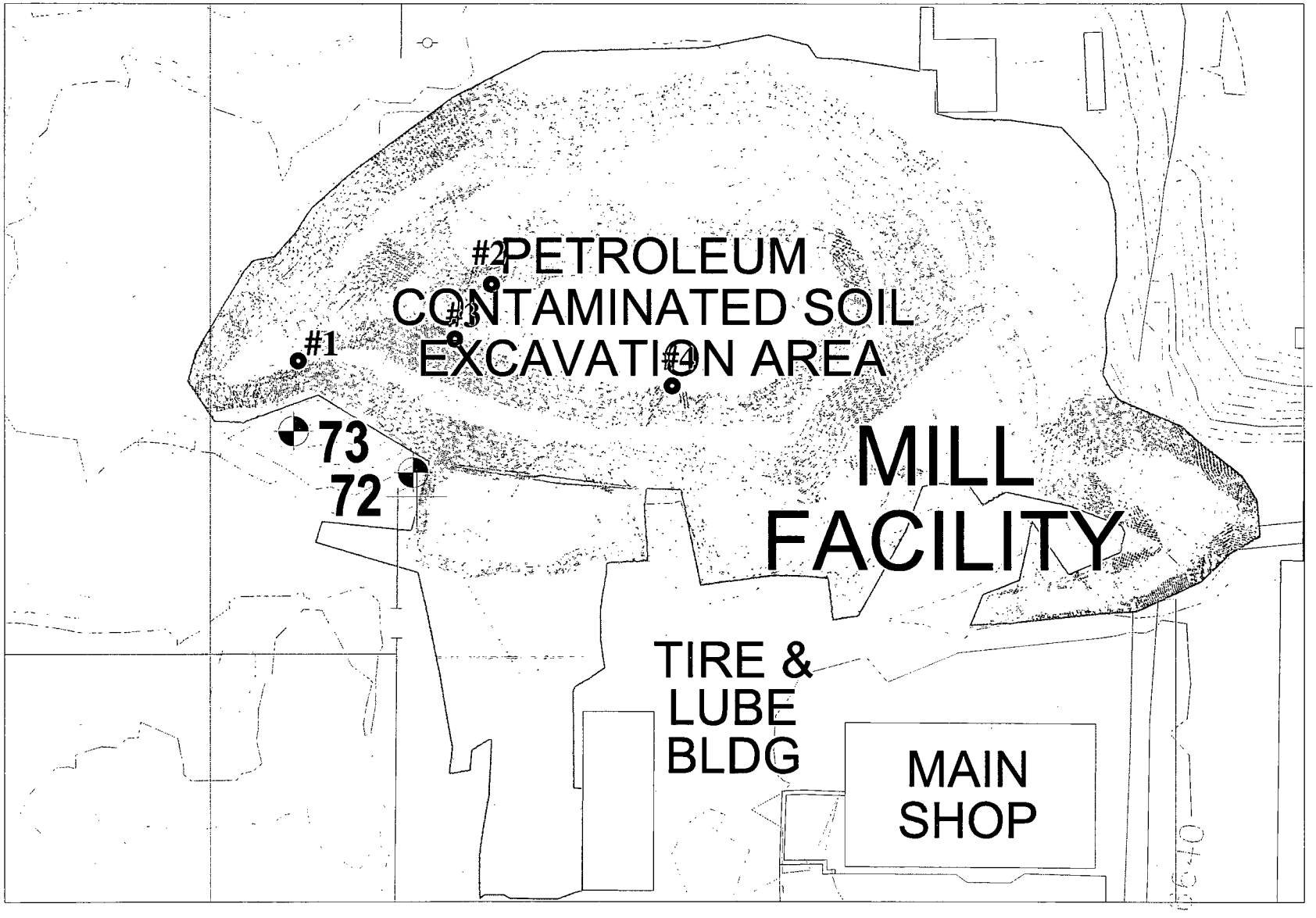

TMW-115
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-115
Combined Ra226/Ra228
pCi/L
10
9
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

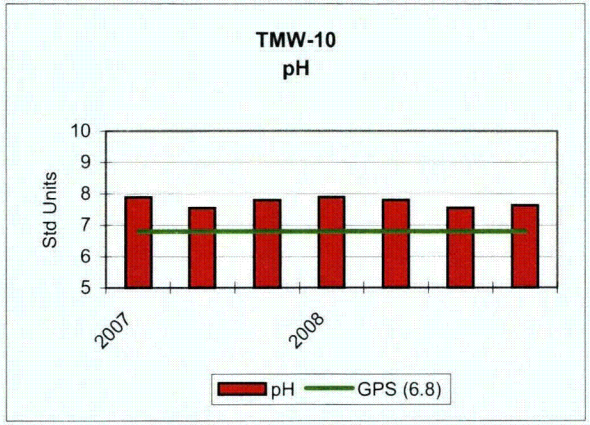
TMW 115.xls

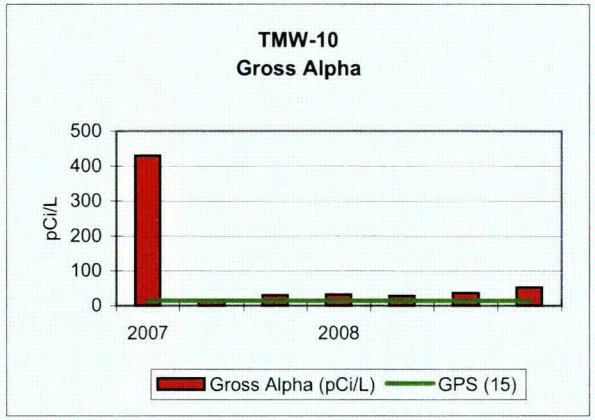
Diesel Excavation
Monitor Wells

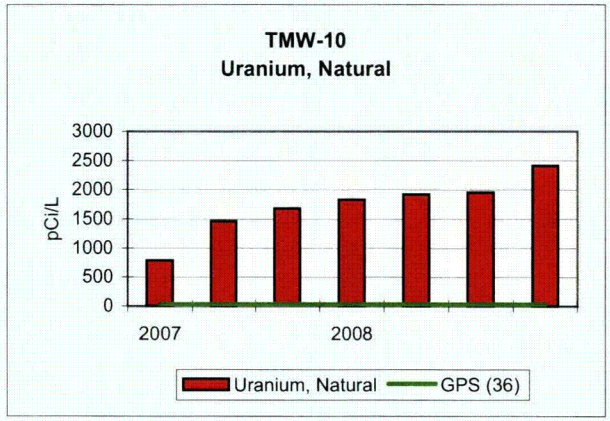
Background Radionuclide Sample Locations – West End Diesel Contaminated Soil Excavation

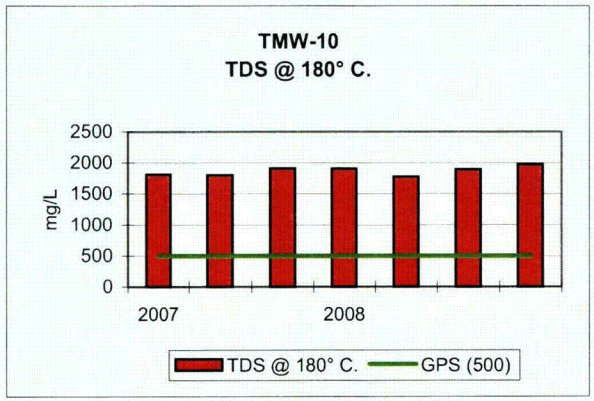


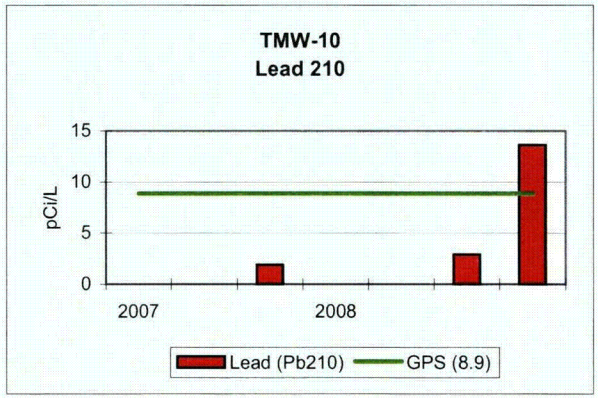
KENNECOTT URANIUM COMPANY								
TMW-10		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	8/21/2007	9/5/2007	12/5/2007	2/13/2008	4/1/2008	8/11/2008	11/18/2008
TDS A/C Balance *(dec. %)*		1.05	0.97	1.11	2.29	1.43	1.49	0.989
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		88	86	99	103	94	93	96
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		382	425	380	377	398	413	410
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		86	117	132	129	122	125	115
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		2210	2220	2280	2320	2220	2260	2340
Cond-Field *(umhos/cm)*		1985	236	235	2370	1921	2300	2370
Fluoride (F)		0.3	0.3	0.1	<0.1	<0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	0.17	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	**GPS (15)**	429	15.4	30.1	31.7	27.9	36.4	52.5
Bicarbonate (HCO3)		108	105	120	126	115	113	117
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		7.4	8	5.9	5.5	4.8	5.7	5.5
Magnesium (Mg)		40	42.9	39.4	41.4	45.2	44.5	44.2
Manganese (Mn)	GPS (0.2)	0.03	0.02	0.02	<0.01	<0.01	<0.01	<0.01
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		79.6	88.6	86.8	86.8	100	93	98
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Nitrogen, Nitrate+Nitrite as N		4.8	7.3	7.5	7.6	6.1	9.1	8.6
Lead (Pb210) *(pCi/L)*	**GPS (8.9)**	<1	<1	1.9	<1	<1	2.9	13.6
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.88	7.54	7.79	7.88	7.79	7.54	7.62
pH (Field) *(Std. Units)*		7.7	7.4	7.4	7.8	7.5	7.4	7.2
Radium 226 *(pCi/L)*		410	13	22.6	24.2	24.5	36	44
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	414.2	16.5	26.1	27.6	27.1	38.9	48.5
Radium 228 *(pCi/L)*		4.2	3.5	3.5	3.4	2.6	2.9	4.5
Selenium (Se)	**GPS (.01)**	0.338	0.467	0.495	0.512	0.442	0.432	0.483
Silica (SiO2)		10	8	8	7	6	8.3	7.4
Sulfate (SO4)		1040	1080	976	1010	1030	1040	1060
TDS @ 180° C.	**GPS (500)**	1810	1800	1910	1900	1770	1890	1970
Temperature *(C)*		18	16.2	9	7.3	5.3	13.5	12
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	0.1	0.08	0.1	0.1
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	785	1460	1680	1830	1920	1950	2410
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01

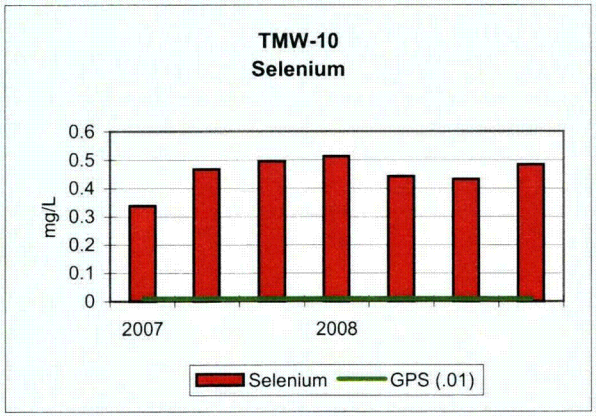

TMW-10
pH
Std Units
10
9
8
7
6
5
2007
2008
pH
GPS (6.8)

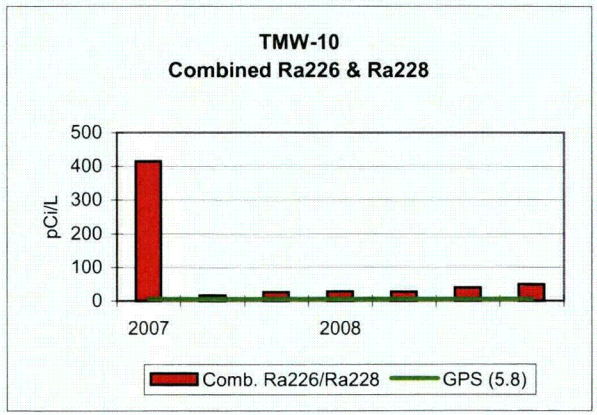

TMW-10
Gross Alpha
pCi/L
500
400
300
200
100
0
2007
2008
Gross Alpha (pCi/L)
GPS (15)


TMW-10
Uranium, Natural
pCi/L
3000
2500
2000
1500
1000
500
0
2007
2008
Uranium, Natural
GPS (36)


TMW-10
TDS @ 180° C.
mg/L
2500
2000
1500
1000
500
0
2007
2008
TDS @ 180° C.
GPS (500)

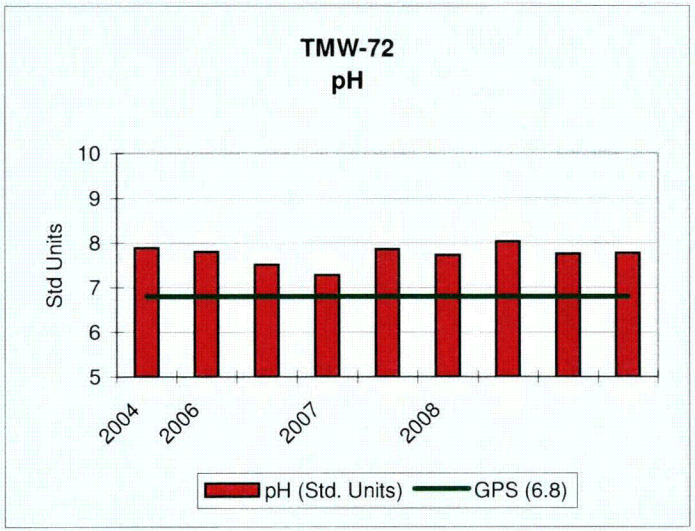

TMW-10
Lead 210
pCi/L
15
10
5
0
2007
2008
Lead (Pb210)
GPS (8.9)

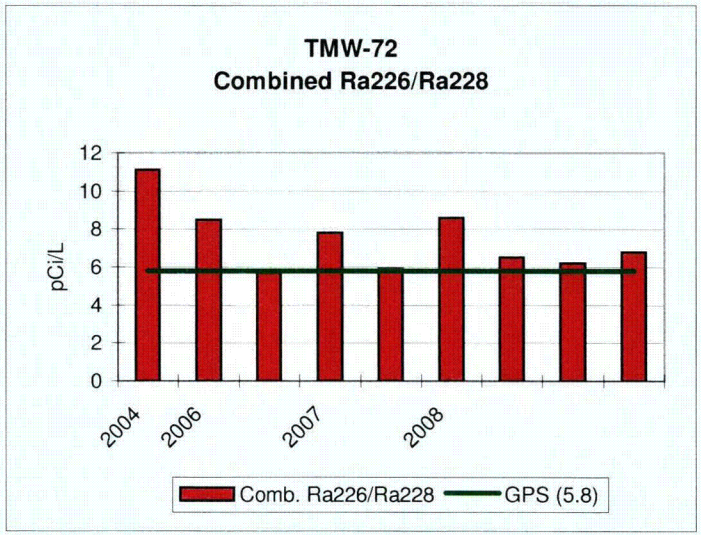

TMW-10
Selenium
mg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
2007
2008
Selenium
GPS (.01)

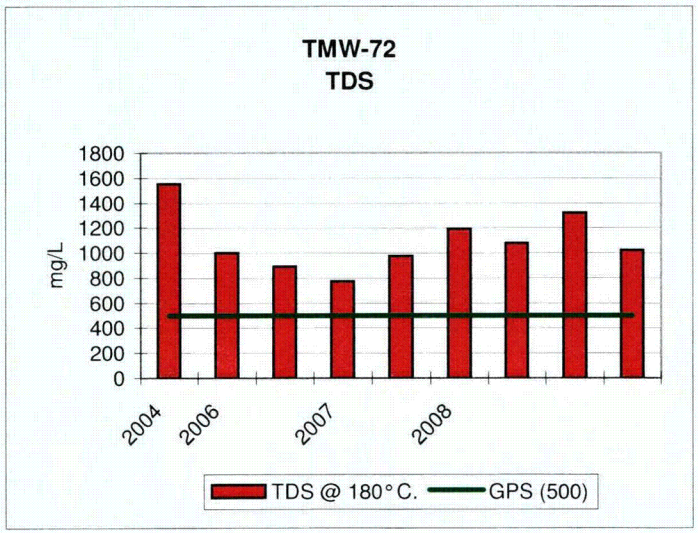

TMW-10
Combined Ra226 & Ra228
pCi/L
500
400
300
200
100
0
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

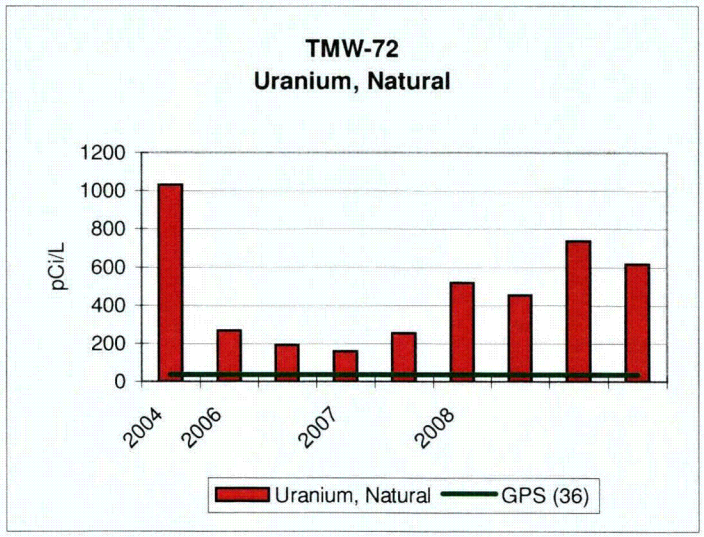
Kennecott Uranium Company		Collected				
Sweetwater Uranium Project		in uncased				
TMW-10		hole				
Northing: 149145.59	Groundwater					
Easting: 323037.81	Protection	8/21/07	9/5/07	2/13/08	8/11/2008	11/18/08
ORGANICS mg/L:						
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND
Gasoline Range Organics (GRO)	GPS 10 (3)	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS mg/L:						
Chloromethane	0.12	ND	ND	ND	ND	ND
Chloroform		0.0011	0.011	ND	0.02	0.019
1,1-Dichloroethane	GPS 3 (2)	ND	ND	ND	ND	ND
1,1-Dichloroethene	GPS 0.007 (1)	ND	ND	ND	ND	0.7
Naphthalene	GPS 1.3 (2)	ND	ND	ND	ND	ND
Toluene	GPS 1 (1)	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	GPS 0.20 (1)	ND	0.0016	ND	0.003	0.0032
1,2,4-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	GPS 0.012 (4)	ND	ND	ND	ND	ND
m+p Xylenes	GPS 10 (1)	ND	ND	ND	ND	ND
(1) - EPA MCL						
(2) - WY Drinking Water Equivalent Level						
(3) - WY VRP, Fact Sheet 12						
(4) - EPA RBC - Tap Water						

KENNECOTT URANIUM COMPANY										
TMW-72		2004	2006		2007		2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	1/11/2006	10/26/2006	1/10/2007	4/3/2007	1/13/2008	4/7/2008	7/15/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.18	1.07	0.96	0.99	1.05	5.61	1.73	1.61	1.38
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		76	82	80	80	84	78	76	77	81
Arsenic (As)	GPS (.05)	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		305	212	211	174	216	246	242	317	232
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		45.8	40	41	34	39	42	34	42	30
Cyanide (CN)		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		1900	1250	1260	1080	1320	1540	1410	1680	1340
Cond-Field *(umhos/cm)*		1200	910	114	986	1173	1465	1303	1453	1215
Fluoride (F)		0.1	<0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	0.076	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	GPS (15)	9.2	3.5	3.8	2.7	3.2	7.8	6.8	5	5.3
Bicarbonate (HCO3)		92.7	101	98	97	102	96	93	94	99
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Potassium (K)		5.5	3.6	3.9	3.9	4.3	4.5	3.7	4.7	3.8
Magnesium (Mg)		20.5	15	14.4	12.1	13.3	14.5	16.9	20.7	15.7
Manganese (Mn)	GPS (0.2)	0.11	0.03	<0.02	0.02	0.02	0.02	0.02	0.02	0.01
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		69.6	58.8	55.6	51	54.2	60.6	64.8	72	56
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<0.1	<0.1	<0.1	<0.1	<1	0	0.9	0.4
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.89	7.8	7.51	7.28	7.85	7.73	8.03	7.75	7.77
pH (Field) *(Std. Units)*		8.9	7.59	7.38	7.61	7.31	7.8	7.6	7.6	7.6
Radium 226 *(pCi/L)*		6.5	4.1	3.9	3.6	2.5	3.7	2	3.3	2.3
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	11.11	8.5	5.7	7.8	5.9	8.6	6.5	6.2	6.8
Radium 228 *(pCi/L)*		4.6	4.4	1.8	4.2	3.4	4.9	4.5	2.9	4.5
Selenium (Se)	GPS (.01)	<0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Silica (SiO2)		10.9	12	13	14	13	13	12	7	14.3
Sulfate (SO4)		820	546	536	448	536	739	641	836	599
TDS @ 180° *C.*	**GPS (500)**	1550	1000	890	774	976	1190	1080	1320	1020
Temperature *(C)*		8	9.3	9.5	7.8	9.7	8.8	9.3	12.8	9.8
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	1030	267	194	158	255	517	453	737	614
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	<0.01	0.02	0.02	0.06	0.02	0.02


TMW-72
pH
Std Units
10
9
8
7
6
5
2004
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-72
Combined Ra226/Ra228
pCi/L
12
10
8
6
4
2
0
2004
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-72
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-72
Uranium, Natural
pCi/L
1200
1000
800
600
400
200
0
2004
2006
2007
2008
Uranium, Natural
GPS (36)

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470			**Top**		**Bottom**					
Easting:	322997.150			**Below Surface**	**Elevation**	**Below Surface**	**Elevation**				
Elevation:	6640.350		**Screen:**	90.000	6550.350	114.000	6526.350				
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**2/5/02**	**3/12/02**	**5/8/02**	**5/16/02**	**6/26/02**	**7/31/02**	**8/20/02**	**9/11/02**	**10/10/02**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	ND	ND	ND	ND	1.8	1.7	1.5	1.7	2.0
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	0.826	0.228	0.199	0.121	0.060	0.051	0.055	0.032
Diesel Range Organics			ND		ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**11/18/02**	**12/10/02**	**1/7/03**	**2/10/03**	**3/12/03**	**4/23/03**	**5/14/03**	**6/4/03**	**7/14/03**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	1.9	1.4	1.3	1.8	1.8	1.4	1.5	1.0	1.5
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			0.023	0.029	0.025	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**8/5/03**	**9/17/03**	**10/22/03**	**11/11/03**	**12/9/03**	**1/13/04**	**2/11/04**	**3/16/04**	**4/12/04**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	1.1	1.2	1.6	1.3	1.6	1.7	ND	1.1	1.3
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	
Diesel Range Organics			ND	ND	ND	ND		ND	ND	ND	ND

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**5/11/04**	**6/10/04**	**7/14/04**	**8/4/04**	**9/16/04**	**10/13/04**	**11/8/04**	**12/8/04**	**1/19/05**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	ND	1.0	1.2	ND	1.2	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**2/9/05**	**3/8/05**	**4/12/05**	**5/10/05**	**6/9/05**	**7/19/05**	**8/9/05**	**9/22/05**	**10/25/05**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**11/29/05**	**12/12/05**	**1/11/06**	**2/2/06**	**3/1/06**	**4/10/06**	**5/2/06**	**6/5/06**	**7/25/06**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	1.2	ND	ND	ND	1.0	ND	ND	1.0	1.3
Chloromethane			12	12	2.5	1.4	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

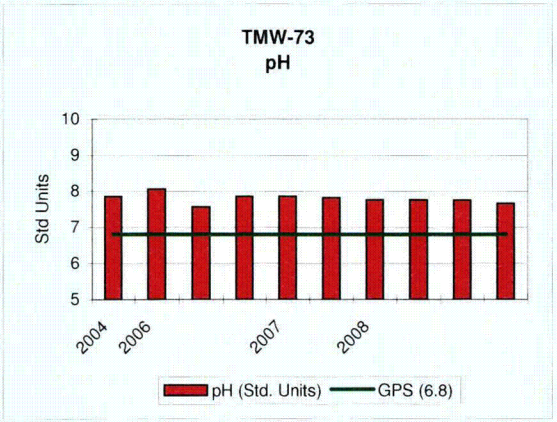
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	TMW-72										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water	WDEQ Drinking Water Equivalent Level (DWEL)	8/15/06	9/5/06	10/2/06	11/8/06	12/13/06	1/10/07	2/14/07	3/5/07	4/3/07
	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter
1,1-Dichloroethane		3000	ND	1.0	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter	milligrams per liter
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

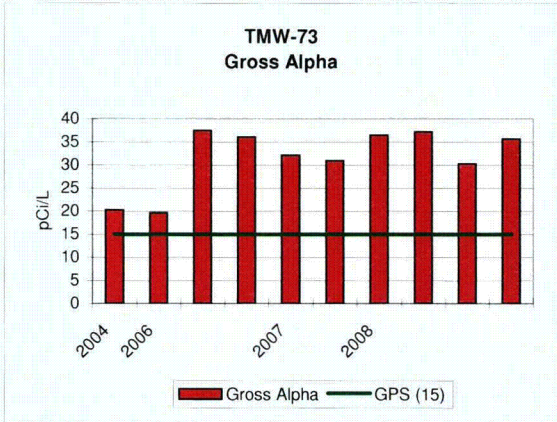
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**5/1/07**	**6/3/07**	**7/17/07**	**8/1/07**	**9/5/07**	**10/1/07**	**11/7/07**	**12/5/07**	**1/13/08**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	ND	ND	1.7	ND	ND	ND	1.0	1.3	1.1
Chloromethane			ND	ND	3.0	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

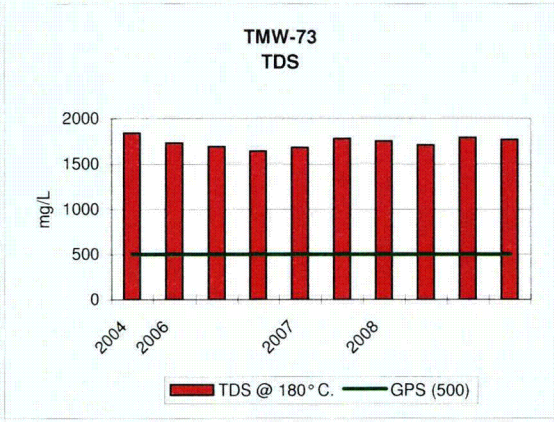
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**2/20/08**	**3/19/08**	**4/7/08**	**5/13/08**	**6/4/08**	**7/15/08**	**8/8/08**	**9/23/08**	**10/5/08**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000	ND	ND	ND	ND	ND	ND	ND	1.0	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND
			milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics			ND	ND	ND	ND	ND	ND	ND	ND	ND

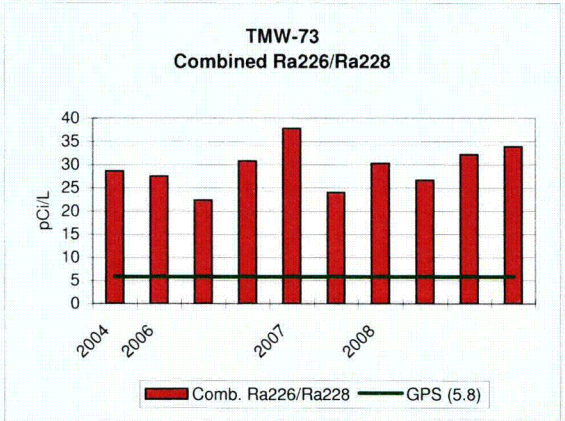
Kennecott Uranium Company				
Sweetwater Uranium Project				
Hydrocarbon Analysis Data				
Monitor Well:	TMW-72			
Northing:	149020.470			
Easting:	322997.150			
Elevation:	6640.350			
Constituent	Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water	WDEQ Drinking Water Equivalent Level (DWEL)	11/18/08	12/2/08
	micrograms per liter	micrograms per liter	micrograms per liter	micrograms per liter
1,1-Dichloroethane		3000	1.1	ND
Chloromethane			ND	ND
			milligrams per liter	milligrams per liter
Gasoline Range Organics			ND	ND
Diesel Range Organics			ND	ND

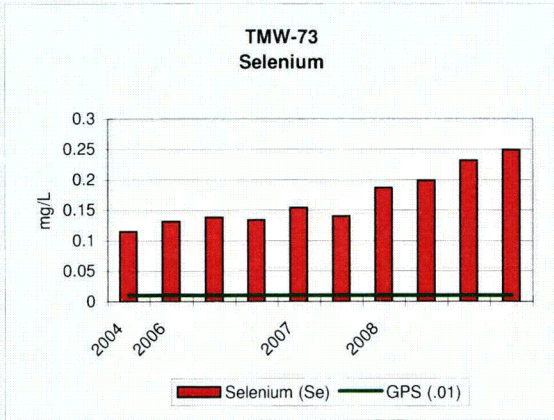
KENNECOTT URANIUM COMPANY											
TMW-73		2004	2006			2007		2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/12/2004	1/11/2006	10/26/2006	11/8/2006	1/10/2007	4/3/2007	1/13/2008	4/7/2008	7/15/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.2	1.13	1.04	1.11	1.04	1.15	4.03	2.43	1.92	2.37
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alk-CaC03		105	105	108	104	106	106	104	100	101	96
Arsenic (As)	GPS (.05)	<0.001	0.001	0.003	0.003	<0.1	<0.1	<0.001	0.002	<0.001	<0.001
Barium (Ba)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron (B)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Beryllium (Be)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (Ca)		329	326	355	345	349	338	407	371	404	379
Cadmium (Cd)	GPS (.01)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloride (Cl)		56.2	57	63	64	66	64	68	67	80	78
Cyanide (CN)		<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cobalt (Co)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
Chromium (Cr)	GPS (.05)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper (Cu)		<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cond *(umhos/cm)*		2190	2020	2110	2080	2040	2190	2170	2160	2200	2160
Cond-Field *(umhos/cm)*		1460	1270	1897	1895	1862	1869	1920	1881	1940	1899
Fluoride (F)		<0.1	<0.1	0.1	<0.1	0.1	0.1	0.3	0.1	0.1	0.1
Iron (Fe)	GPS (0.6)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gross Alpha *(pCi/L)*	**GPS (15)**	20.2	19.6	37.4	36	32.1	30.9	36.4	37.1	30.2	35.6
Bicarbonate (HCO3)		127	128	131	127	130	129	127	122	123	117
Mercury (Hg)		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002
Potassium (K)		5.1	4.9	5.2	5	5.6	5.7	5.7	5.1	5.5	5.1
Magnesium (Mg)		34.8	35	37.2	35.6	37.3	34.4	41.2	41.5	43.2	43.1
Manganese (Mn)	GPS (0.2)	0.03	0.03	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.03
Molybdenum (Mo)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium (Na)		95.8	99.9	100	99.2	103	100	102	113	111	100
Nickel (Ni)	GPS (.01)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Nitrogen, Nitrate+Nitrite as N		1.59	2.1	2.4	2.2	2.8	2.8	2.9	3.4	3.4	3.4
Lead (Pb210) *(pCi/L)*	GPS (8.9)	<2.7	<1	<1	<1	<1	<1	<1	0	1.3	3.9
Lead (Pb)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pH *(Std. Units)*	**GPS (6.8)**	7.85	8.06	7.56	7.86	7.86	7.82	7.76	7.76	7.75	7.66
pH (Field) *(Std. Units)*		7.8	7.36	7.22	7.37	7.54	7.51	7	7.6	7.5	7.4
Radium 226 *(pCi/L)*		19.2	20.5	19.7	26.6	32.9	18.6	22.7	20.5	27.8	27
Combined Ra226/228 *(pCi/L)*	**GPS (5.8)**	28.6	27.5	22.3	30.8	37.8	24	30.3	26.6	32.2	33.9
Radium 228 *(pCi/L)*		9.4	7	2.6	4.9	4.9	5.4	7.6	6.1	4.4	6.9
Selenium (Se)	**GPS (.01)**	0.115	0.131	0.138	0.134	0.154	0.14	0.187	0.199	0.232	0.249
Silica (SiO2)		5.6	6	6	6	7	7	7	7	3	6.7
Sulfate (SO4)		941	931	987	971	985	929	1050	1040	1120	1030
TDS @ 180° *C.*	**GPS (500)**	1840	1730	1690	1640	1680	1780	1750	1710	1790	1770
Temperature *(C)*		8	4.4	10.4	12.9	6.5	10	9.1	9.2	13.4	9.9
Thorium 230 *(pCi/L:)*	GPS (7.0)	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium (Tl)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium, natural *(pCi/L)*	**GPS (36)**	8050	6080	5990	5690	4840	5140	5100	5550	5650	5500
Vanadium (V205)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc (ZN)		<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01

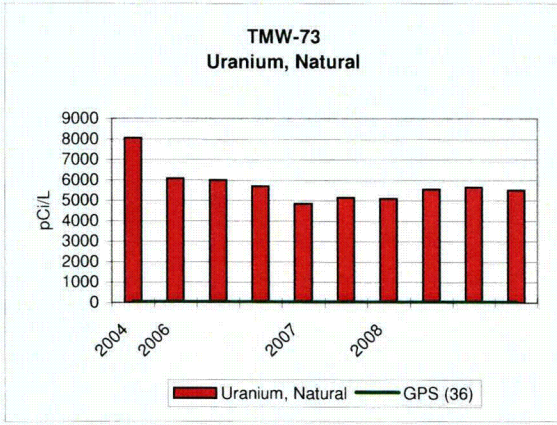

TMW-73
pH
Std Units
10
9
8
7
6
5
2004
2006
2007
2008
pH (Std. Units)
GPS (6.8)


TMW-73
Gross Alpha
pCi/L
40
35
30
25
20
15
10
5
0
2004
2006
2007
2008
Gross Alpha
GPS (15)


TMW-73
TDS
mg/L
2000
1500
1000
500
0
2004
2006
2007
2008
TDS @ 180° C.
GPS (500)


TMW-73
Combined Ra226/Ra228
pCi/L
40
35
30
25
20
15
10
5
0
2004
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


TMW-73
Selenium
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2006
2007
2008
Selenium (Se)
GPS (.01)


TMW-73
Uranium, Natural
pCi/L
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
2004
2006
2007
2008
Uranium, Natural
GPS (36)

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70						**Top**		**Bottom**	
Easting:	322896.82						**Below Surface**	**Elevation**	**Below Surface**	**Elevation**
Elevation:	6643.31					**Screen:**	90.00	6553.31	114.00	6529.31
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**4/16/02**	**4/30/02**	**5/14/02**	**6/26/02**	**7/31/02**	**8/20/02**	**9/11/02**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.8	3.2	2.7	3.3	3.4	2.9	3.0
1,1-Dichloroethene	7			ND	1.0	1.0	1.4	2.0	1.6	1.2
1,1,1-Trichloroethane	200			3.2	4.0	5.2	4.3	5.0	4.7	4.5
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	2.4	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	1.0	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				0.032		ND	ND	ND	ND	ND
Diesel Range Organics				ND		ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**10/10/02**	**11/18/02**	**12/10/02**	**1/7/03**	**2/10/03**	**3/12/03**	**4/23/03**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		3.5	3.1	2.5	2.8	2.5	3.1	2.6
1,1-Dichloroethene	7			1.7	1.4	1.7	1.6	1.8	2.1	1.8
1,1,1-Trichloroethane	200			5.4	4.1	3.3	4.0	4.1	5.2	4.2
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	1.0	ND
m+p-Xylenes	10000			ND	ND	ND	1.4	ND	ND	ND
Toluene	1000			ND	ND	ND	1.8	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**5/14/03**	**6/4/03**	**7/14/03**	**8/5/03**	**9/17/03**	**10/22/03**	**11/11/03**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.6	2.5	2.4	2.9	2.4	2.2	2.0
1,1-Dichloroethene	7			1.6	1.7	1.5	1.7	1.9	1.4	1.5
1,1,1-Trichloroethane	200			3.8	4.0	3.2	3.8	3.8	2.5	2.9
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**12/9/03**	**1/12/04**	**2/11/04**	**3/16/04**	**4/12/04**	**5/11/04**	**6/10/04**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.3	2.4	1.5	2.2	2.5	2.2	2.5
1,1-Dichloroethene	7			1.7	1.4	1.8	1.6	1.7	1.5	1.9
1,1,1-Trichloroethane	200			3.5	3.2	2.7	3.7	3.3	3.5	4.2
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND		ND	ND
Diesel Range Organics					ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**7/14/04**	**8/4/04**	**9/16/04**	**10/13/04**	**11/8/04**	**12/8/04**	**1/19/05**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.0	2.2	2.4	1.8	2.3	2.1	2.1
1,1-Dichloroethene	7			1.3	1.5	1.5	1.8	1.7	1.6	1.5
1,1,1-Trichloroethane	200			2.9	3.7	3.7	3.7	4.2	3.7	3.4
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	1.0	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**2/9/05**	**3/8/05**	**4/12/05**	**5/10/05**	**6/9/05**	**7/19/05**	**8/9/05**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.6	2.2	1.8	2.0	2.1	2.1	1.9
1,1-Dichloroethene	7			1.8	1.7	1.5	1.5	1.5	1.4	1.3
1,1,1-Trichloroethane	200			3.6	3.6	3.4	3.5	3.8	3.6	4.0
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND		ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**9/22/05**	**10/25/05**	**11/29/05**	**12/12/05**	**1/11/06**	**2/2/06**	**3/1/06**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.0	2.1	2.1	1.9	1.9	1.8	2.0
1,1-Dichloroethene	7			1.6	1.4	1.4	1.3	1.6	1.5	1.5
1,1,1-Trichloroethane	200			3.7	3.2	3.7	3.6	3.6	3.5	3.7
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	11	11	3.4	1.4	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**4/6/06**	**5/2/06**	**6/5/06**	**7/25/06**	**8/15/06**	**9/5/06**	**10/2/06**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2.0	2.0	1.9	2.1	1.8	1.9	1.8
1,1-Dichloroethene	7			1.4	1.5	1.5	1.6	1.5	1.6	1.4
1,1,1-Trichloroethane	200			3.5	3.3	3.3	3.6	2.8	3.1	2.8
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**11/8/06**	**12/13/06**	**1/10/07**	**2/14/07**	**3/5/07**	**4/3/07**	**5/1/07**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		1.8	1.9	1.7	2.1	1.6	1.7	1.8
1,1-Dichloroethene	7			1.3	1.5	1.6	1.7	1.7	1.7	1.4
1,1,1-Trichloroethane	200			3.0	3.1	3.4	3.6	3.0	3.4	3.0
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	ND	1.1	ND	ND	ND	1.0
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	2.700	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**6/3/07**	**7/17/07**	**8/1/07**	**9/5/07**	**10/1/07**	**11/7/07**	**12/5/07**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		1.9	2.3	1.2	1.7	ND	1.7	2.3
1,1-Dichloroethene	7			1.6	2.1	1.4	1.4	2.3	1.1	1.9
1,1,1-Trichloroethane	200			3.3	4.0	3.0	3.3	2.8	2.3	4.4
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	2.6	ND	ND	ND	ND	ND
Tetrachloroethene	5			1.2	ND	ND	1.1	ND	ND	1.0
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	0.310	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company										
Sweetwater Uranium Project										
Hydrocarbon Analysis Data										
Monitor Well:	**TMW-73**									
Northing:	149055.70									
Easting:	322896.82									
Elevation:	6643.31									
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**1/13/08**	**2/20/08**	**3/19/08**	**4/7/08**	**5/13/08**	**6/4/08**	**7/15/08**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		2	2.1	2.1	1.8	1.5	1.1	1.4
1,1-Dichloroethene	7			1.3	1.7	1.5	1.1	1.3	1	1.2
1,1,1-Trichloroethane	200			3.4	4.1	3	3	3.3	2.9	3.4
Chloroform				ND	ND	ND	ND	ND	ND	ND
Chloromethane			120	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5			ND	1.3	ND	ND	ND	ND	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND	ND	ND

Kennecott Uranium Company								
Sweetwater Uranium Project								
Hydrocarbon Analysis Data								
Monitor Well:	**TMW-73**							
Northing:	149055.70							
Easting:	322896.82							
Elevation:	6643.31							
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water**	**WDEQ Drinking Water Equivalent Level (DWEL)**	**Calculated Drinking Water Equivalent Level (DWEL)**	**8/12/08**	**9/23/08**	**10/5/08**	**11/18/08**	**12/2/08**
	micrograms per liter	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**	**micrograms per liter**
1,1-Dichloroethane		3000		1.7	1.6	1.3	1.5	ND
1,1-Dichloroethene	7			1.2	1.2	ND	1.3	ND
1,1,1-Trichloroethane	200			3.2	3.9	3.5	3.5	ND
Chloroform				2.5	3.4	2.9	3.6	3.5
Chloromethane			120	ND	ND	ND	ND	3.6
Tetrachloroethene	5			ND	ND	ND	1.1	ND
m+p-Xylenes	10000			ND	ND	ND	ND	ND
Toluene	1000			ND	ND	ND	ND	ND
				milligrams per liter	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**	**milligrams per liter**
Gasoline Range Organics				ND	ND	ND	ND	ND
Diesel Range Organics				ND	ND	ND	ND	ND

RIO TINTO
ENERGY AMERICA

Rio Tinto Energy America
Kennecott Uranium Company
PO Box 1500, 42 Miles NW of Rawlins
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Tel: (307) 324-4924 Fax: (307) 324-4925

19 February 2009

Mr. Keith I. McConnell, Deputy Director
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Regulatory Commission
11545 Rockville Pike, Mail Stop T7-E18
Rockville, MD 20852-2738

Dear Mr. McConnell:

Subject: Sweetwater Uranium Project - Docket Number 40-8584
Source Materials License #SUA-1350 -- License Conditions 11.2 and 12.3
Land Use Report

In compliance with License Conditions 11.2 and 12.3 of SML SUA-1350, Kennecott Uranium Company has conducted visual surveys throughout the year (2008) of land use in, and within a five-mile radius of, the Sweetwater Uranium Mill restricted area.

Limited cattle and sheep grazing, wildlife usage, recreation (mainly hunting during the fall) and oil and gas development and production continue as the principle land uses in the area. There has been noticeable oil and gas drilling activity to the west and south of the facility, creating additional traffic along Sweetwater County Road 4-63 south of the facility. Uranium exploration drilling and well completion work is being conducted approximately four miles due north of the facility by UR-Energy. Drilling operations commenced in mid May 2008 and ceased by December 19, 2008 when the large rig left the area. The area is known as their Lost Creek Project. Their areas of operation including three (3) areas containing wells are shown on the attached map. Extensive uranium related claim staking has been done within a five mile radius of the facility, primarily to the north and west. Wildhorse Uranium has done extensive staking west of the facility. Claims have also been staked east of the facility by another operator. On Monday, October 20, 2008 Wildhorse Uranium performed claim post maintenance west of the project.

As of December 2008, the following items were observed north and west of the facility. All of the items with the exception of the booster station are related to UR Energy's Lost Creek Project. The booster station is related to oil and gas development.

Latitude			Longitude					
Degrees	**Minutes**		**Degrees**	**Minutes**		**Northing**	**Easting**	**Item**
42	6.146	North	107	53.491	West	166533.218	325779.559	Water well/solar panel
42	6.382	North	107	53.252	West	167966.199	326848.764	Stripping topsoil/Large rig location
42	7.888	North	107	53.015	West	176491.574	340678.327	Water tank/trucks
42	7.883	North	107	52.796	West	225019.203	328861.303	Fence/drill rig
42	7.815	North	107	51.364	West	176675.548	335401.726	Outhouse/drill rigs
42	7.803	North	107	50.943	West	176637.937	337301.247	Laydown yard/loggng truck
42	7.822	North	107	50.693	West	176751.119	338431.699	Office/drill rigs/tanks
42	7.783	North	107	50.197	West	176491.574	340678.327	Water tanks
42	3.078	North	108	0.636	West	147883.447	293438.368	Booster station

In addition to normal drilling and well completions, UR Energy brought a large rig onto the Lost Creek Site on or about November 4, 2008. The rig completed a deep cased hole at the location and left the area by Friday, December

19, 2008. A temporary man camp for workers associated with the large rig was constructed on site. It was removed at the end of drilling operations. The man camp is shown in an image below.

On the evening of June 10, 2008, a pickup truck driven by a UR Energy employee rolled on the Sooner Road just north of Sweetwater County Road 63. The employee was leaving the Lost Creek Site. The rolled pickup truck on the following morning (June 11, 2008) is shown in Figure 9. The location of the rollover is shown on the attached map.

These items are shown on the attached map entitled "Sweetwater Uranium Project – Land Use Report Map". Photographs of some of these items and other items are also provided.

A gas booster station related to gas development in the area has been installed west of the facility and is shown on the map. It is however, more than five (5) miles west of the facility.

All of the petroleum-contaminated soils excavated on site during 2001, 2002 and 2003 were placed on a synthetically lined landfarm approximately fifty (50) acres in area, located outside of the NRC bonded area, but within the Department of Environmental Quality (DEQ) bonded area, west of the facility. The land-farmed materials are being treated by bioremediation with added nutrients. Once the materials meet nationally accepted clean soil standards (<100 milligrams per kilogram diesel range organics), they will be used to backfill the excavation. The excavation and remediation of this petroleum-contaminated soil was described in detail in a separate binder submitted to the NRC in 2003.

Tailings regrading and related work was performed in the tailings impoundment during 2008. This work was performed by Archer Construction, Inc. of Riverton, Wyoming, using a crew of approximately twelve (12) men.

Mill operations remain suspended. There are two mobile homes near the south edge of the site's chain link fence. The resident caretaker uses one for approximately four (4) days out of each week and a security guard uses the other (the one closest to the chain link fence) approximately three days of each week. The security guard is considered the nearest resident for purposes of dose calculation and estimation.

The Sweetwater Uranium Project's potable water wells are the only drinking water sources in the area. The Bureau of Land Management (BLM) maintains three water wells with tanks for livestock and wildlife watering within the area. The wells are located one mile southeast, four miles east and five miles northeast of the facility. All of the Bureau of Land Management wells are upgradient of the restricted area in regard to the regional ground water gradient.

If there are any questions regarding this report please contact me at (307) 328-1476 or (307) 324-4924.

Sincerely yours,

Oscar A Paulson

Oscar Paulson
Facility Supervisor/RSO

cc: J. Webb, Project Manager (NRC)
Director, DRSS (NRC) - Arlington, TX
Darryl Maunder – Rio Tinto Energy America

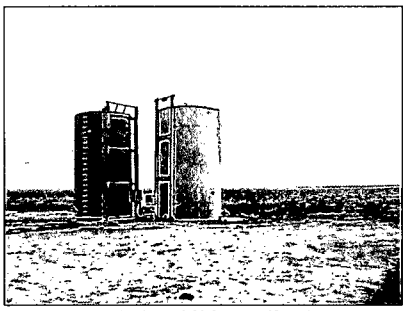


Figure 1. Pair of Water Tanks – October 20, 2008

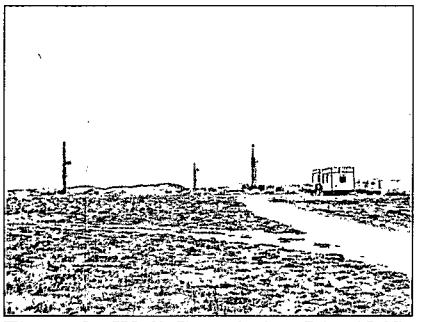


Figure 2. Well Completion Rigs/Office Trailer – October 20, 2008

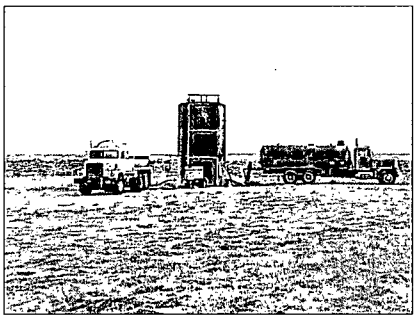


Figure 3. Water Tank/Water Trucks – October 20, 2008

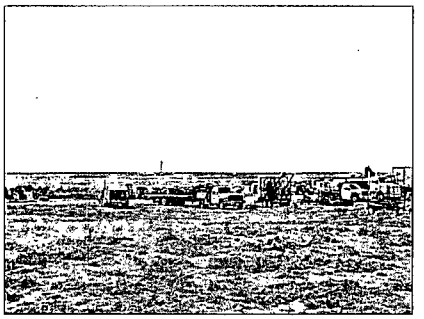


Figure 4. Laydown Yard – October 20, 2008

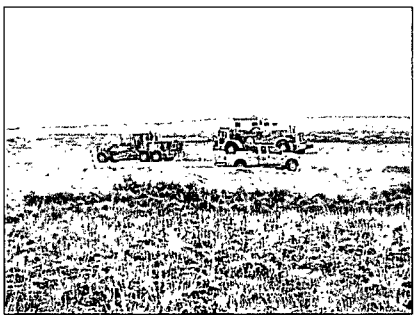


Figure 5. Topsoil Clearing for Large Rig – October 20, 2008

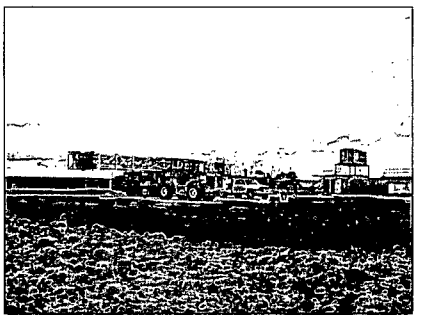


Figure 6. Large Rig on Site – November 4, 2008

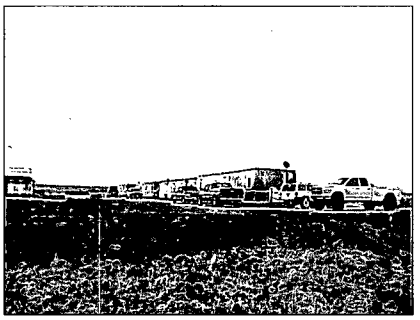


Figure 7. Man Camp for large Rig – November 4, 2008

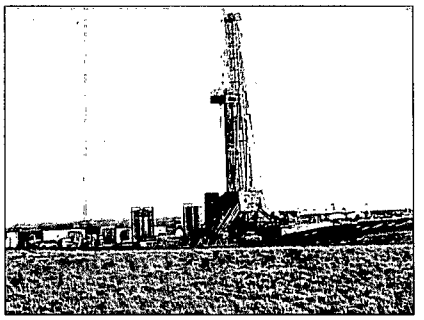


Figure 8. Large Rig Drilling – November 19, 2008

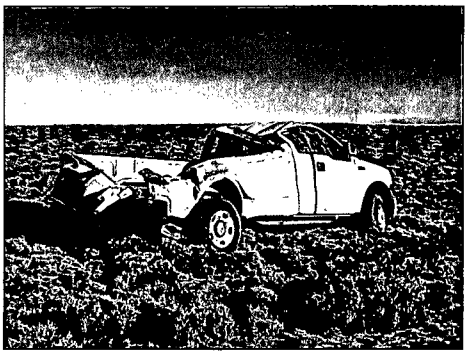


Figure 9. Damaged Pickup Truck

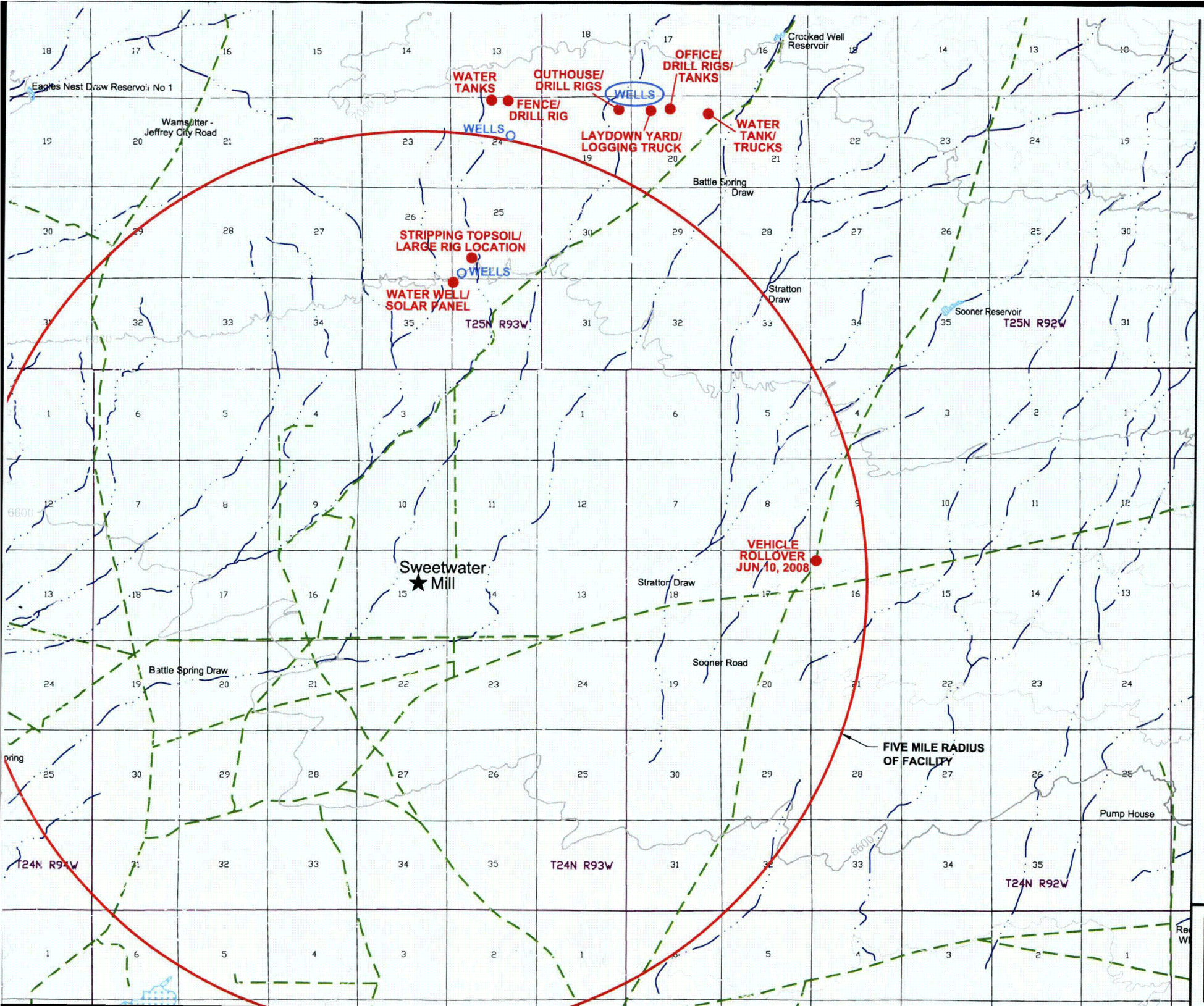
DIESEL CONTAMINATED SOIL EXCAVATION

The excavation was completed in March 2003. A sign-off letter and page changes to the report submitted in February 2003 to make it a final report were submitted on July 31, 2003. The excavation is still open pending remediation of the land-farmed soils to the 100-milligram per kilogram clean soil standard, at which point they can be used as backfill. The average concentration in the land-farmed soils was 23.5 milligrams per kilogram in September 2008; however, some samples are still above the 100-milligram per kilogram clean soil standard.

The State of Wyoming Department of Environmental Quality, Land Quality Division, reviewed the sample data submitted for the land farm in their 2006 Annual Inspection Report and Annual Report Review, stating:

> "Since Kennecott has followed the permit (i.e. pages I-55 through I-60 in the Mine Plan) in all its land farming procedures at Permit 481, the company is authorized to remove the materials from the portions of the land farm noted in Appendix 13 of the 2005/2006 Annual Report as having DRO concentrations of 100 ppm or less."

Thus, Kennecott Uranium Company can remove land farmed material from grids with a Diesel Range Organic concentration of 100 parts per million or less and backfill that material into the open excavation.


Crooked Well Reservoir
Eagles Nest Draw Reservoir No 1
Wamsutter - Jeffrey City Road
WATER TANKS
FENCE/ DRILL RIG
OUTHOUSE/ DRILL RIGS
WELLS
OFFICE/ DRILL RIGS/ TANKS
LAYDOWN YARD/ LOGGING TRUCK
WATER TANK/ TRUCKS
WELLS
Battle Spring Draw
STRIPPING TOPSOIL/ LARGE RIG LOCATION
WELLS
WATER WELL/ SOLAR PANEL
T25N R93W
Stratton Draw
Sooner Reservoir
T25N R92W
Sweetwater Mill
VEHICLE ROLLOVER JUN 10, 2008
Stratton Draw
Sooner Road
Battle Spring Draw
FIVE MILE RADIUS OF FACILITY
Pump House
T24N R94W
T24N R93W
T24N R92W

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