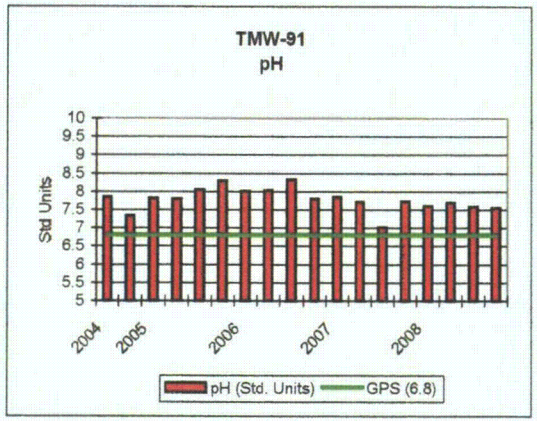
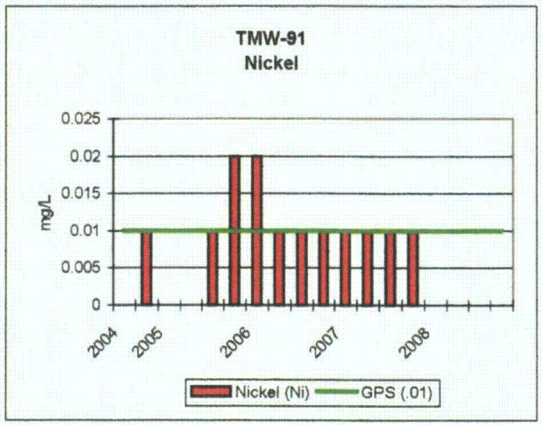
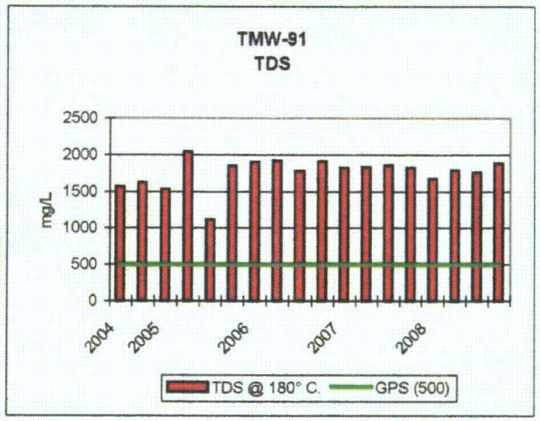
KENNECOTT URANIUM COMPANY																			
TMW-91		2004		2005				2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	9/15/2004	3/3/2005	7/14/2005	10/5/2005	12/22/2005	1/19/2006	4/5/2006	8/8/2006	11/15/2006	2/6/2007	4/3/2007	7/25/2007	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

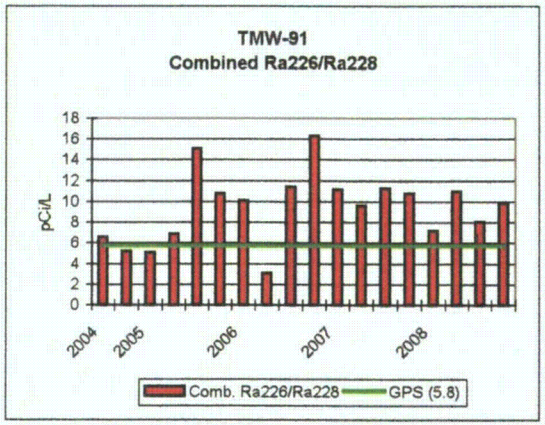
KENNECOTT URANIUM COMPANY																					
TMW-91																					
NORTHING: 148,518.38 EASTING:	Groundwater																				
323,956.86	Protection	2003						2004												2005	
ND = Non-detectable	Standard	08/26/03	09/18/03	10/22/03	11/12/03	12/10/03	12/31/03	01/13/04	02/16/04	03/17/04	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																					

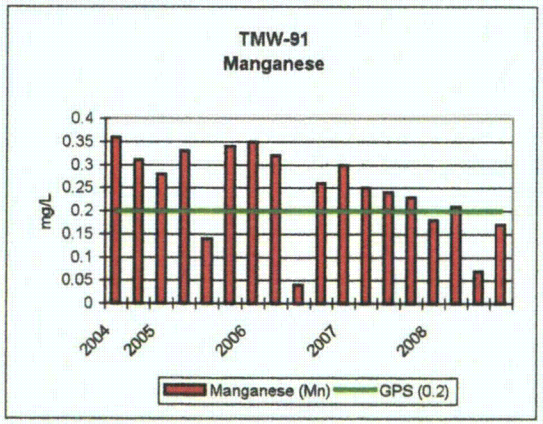
KENNECOTT URANIUM COMPANY																			
TMW-91																			
NORTHING: 148,518.38 EASTING: 323,956.86	Groundwater Protection							2006				2007				2008			
ND = Non-detectable	Standard	03/03/05	04/12/05	05/11/05	07/14/05	10/05/05	12/22/05	01/19/06	04/05/06	08/08/06	11/15/06	02/06/07	04/03/07	07/25/07	10/22/07	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																			

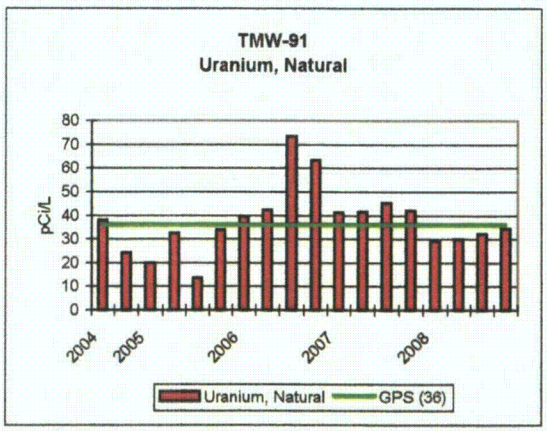

TMW-91
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


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)

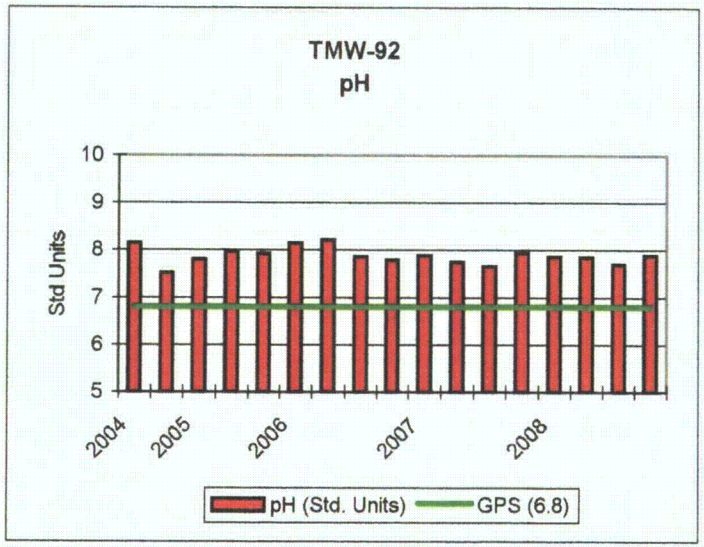
KENNECOTT URANIUM COMPANY																		
TMW-92		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/13/2004	9/15/2004	3/2/2005	9/21/2005	2/20/2006	3/28/2006	4/5/2006	8/8/2006	11/9/2006	2/6/2007	4/3/2007	9/10/2007	1/13/2007	3/18/2008	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

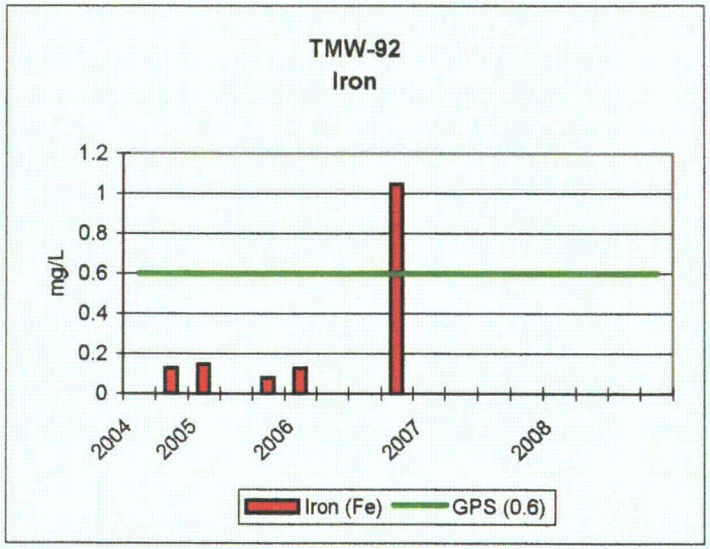
KENNECOTT URANIUM COMPANY

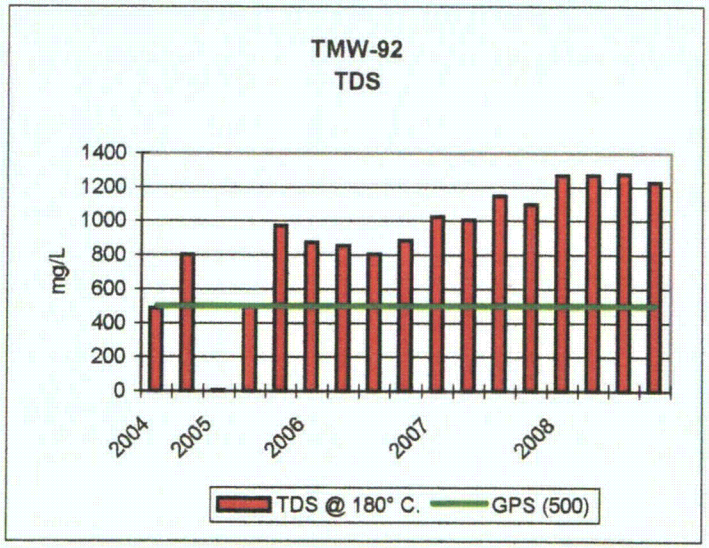
TMW-92

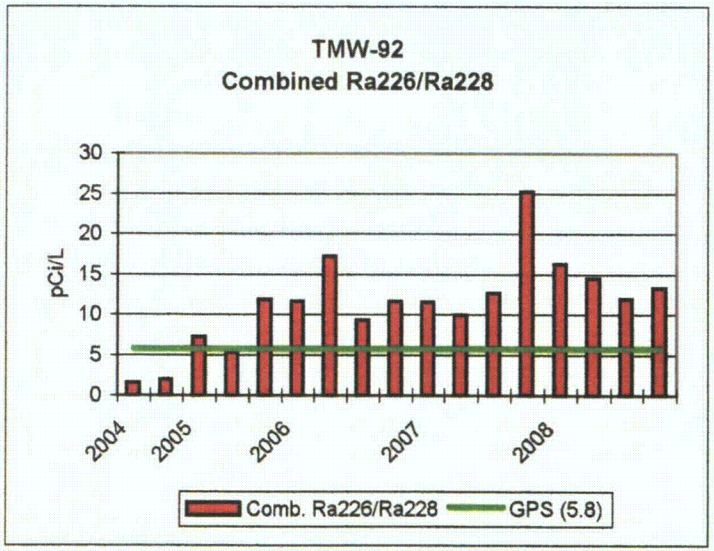
NORTHING: 148,504.47 EASTING: 323,951.33 ND = Non-detectable	Groundwater Protection Standard	2003	2004								2006				2007				2008			
		12/3/03	12/10/03	12/16/03	1/13/04	2/16/04	3/17/04	4/12/04	5/11/04	6/10/04	12/20/05	3/28/06	4/5/06	8/8/06	11/9/06	2/6/07	4/3/07	9/10/07	11/13/07	3/18/2008	5/18/2008	9/29/2008	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)

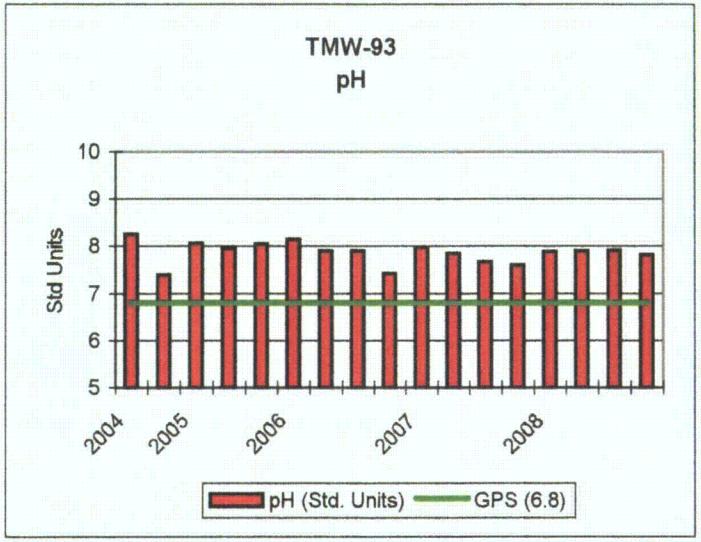

TMW-92
Iron
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

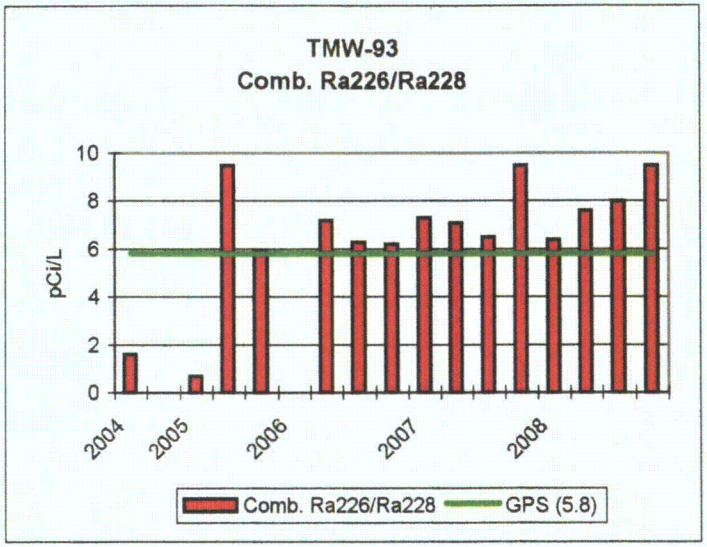

TMW-92
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

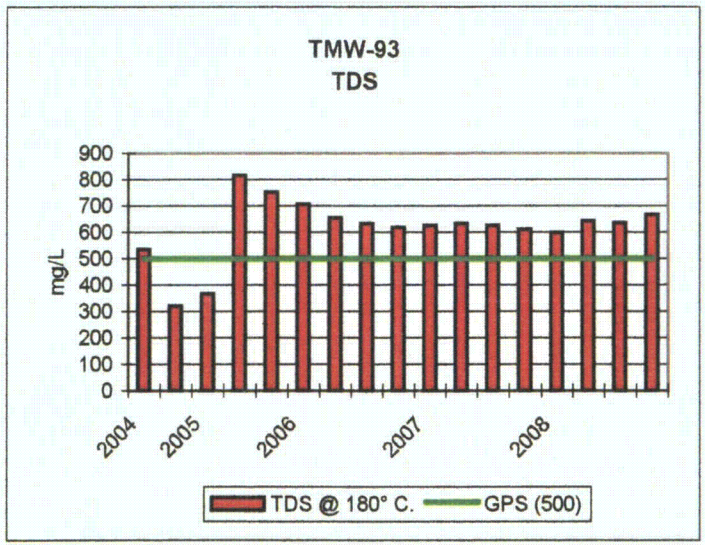

TMW-92
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

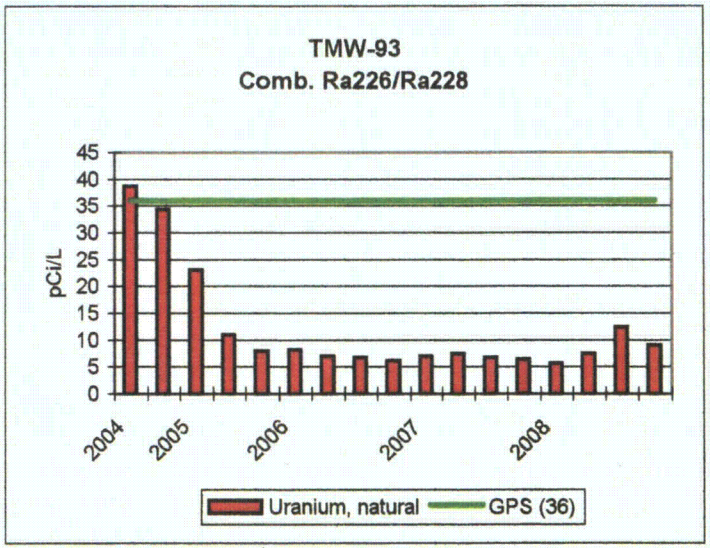
KENNECOTT URANIUM COMPANY																		
TMW-93		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/19/2004	9/23/2004	3/7/2005	9/21/2005	2/15/2005	3/15/2006	6/6/2006	9/12/2006	11/9/2006	3/5/2007	4/24/2007	9/10/2007	1/19/2007	3/9/2008	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-CaCO3		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:	Groundwater														
324,099.96	Protection	2004			2006				2007				2008		
ND = Non-detectable	Standard	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)

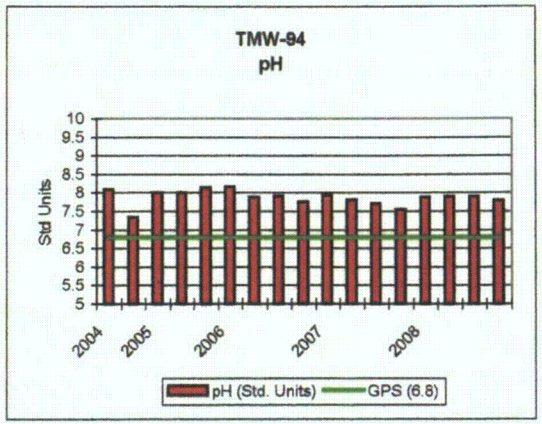

TMW-93
Comb. Ra226/Ra228
pCi/L
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

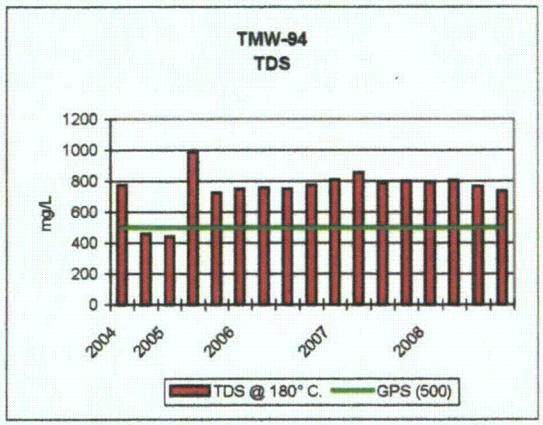

TMW-93
TDS
mg/L
900
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

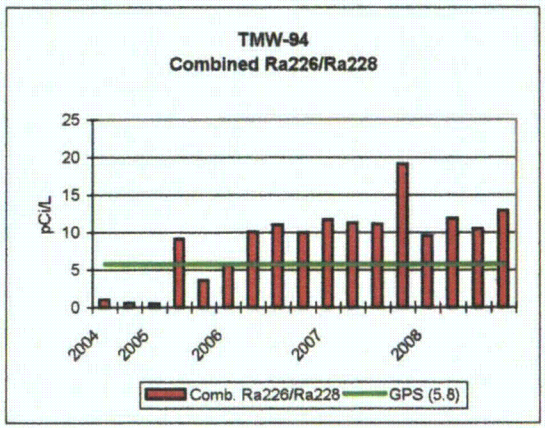

TMW-93
Comb. Ra226/Ra228
pCi/L
45
40
35
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

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	2/15/2005	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)

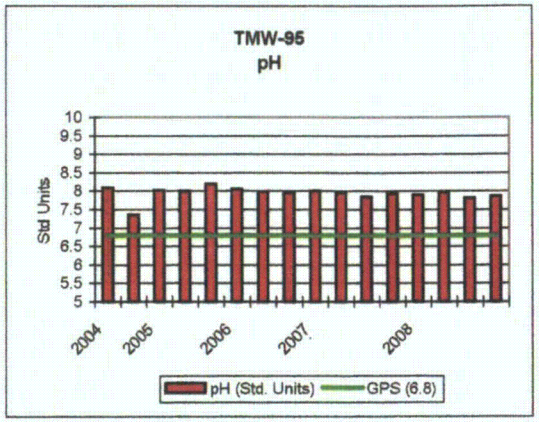
KENNECOTT URANIUM COMPANY																	
TMW-95		2004		2005			2006			2007				2008			
PARAMETER (mg/L unless noted)	Groundwater Protection Standard (GPS) as of 5/26/05	1/14/2004	9/23/2004	3/7/2005	9/22/2005	12/15/2005	3/7/2006	9/11/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/13/2007	3/9/2008	5/18/2008	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

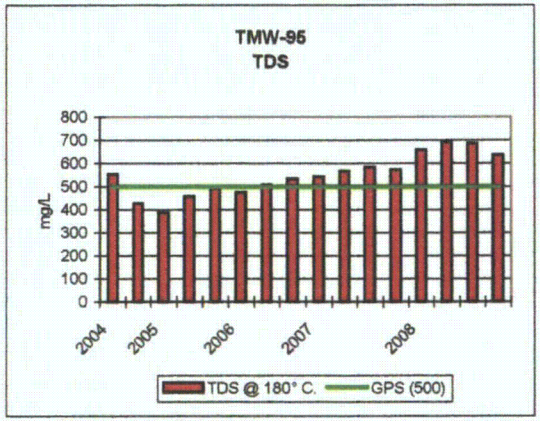
KENNECOTT URANIUM COMPANY

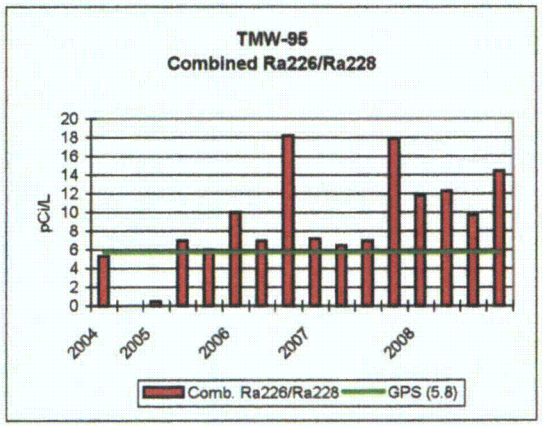
TMW-95

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

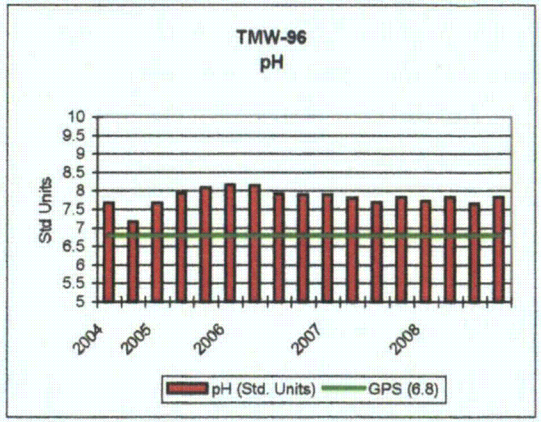
KENNECOTT URANIUM COMPANY

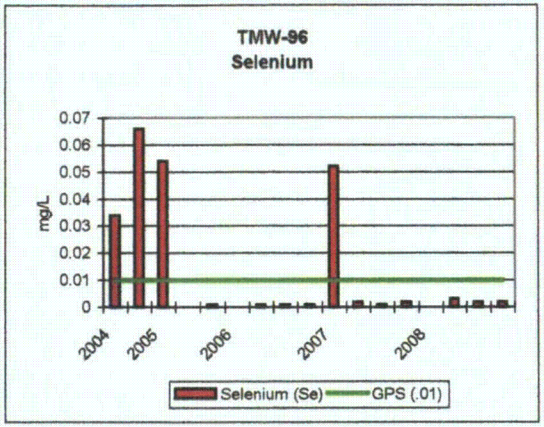
TMW-96

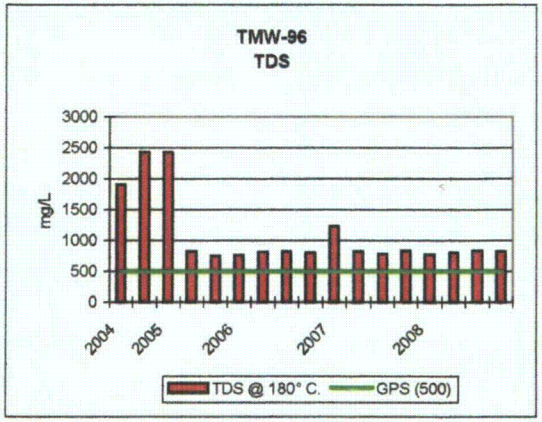
NORTHING: 148,500.01 EASTING: 323,807.75 ND = Non-detectable	Groundwater Protection Standard	2004 3/3/2004	04/13/04	05/11/04	06/10/04	07/13/04	08/05/04	09/20/04	10/20/04	11/08/04	12/07/04	2005 01/18/05	02/07/05	03/03/05	04/12/05	05/10/05	07/18/05	10/31/05
ORGANICS mg/L:																		
Diesel Range 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

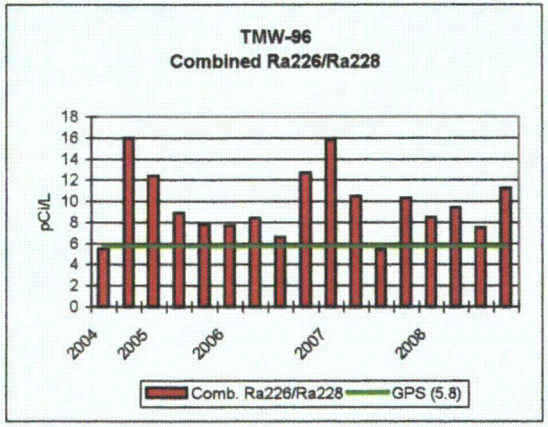
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

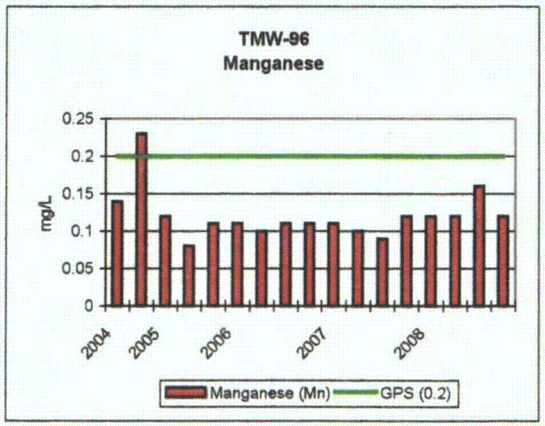
KENNECOTT URANIUM COMPANY												
TMW-96												
NORTHING: 148,500.01 EASTING: 323,807.75	Groundwater Protection	2006							2008			
ND = Non-detectable	Standard	01/23/06	04/10/06	07/03/06	10/07/06	04/24/07	07/25/07	10/02/07	02/24/08	04/14/08	07/30/08	10/14/08
ORGANICS mg/L:												
Diesel 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												

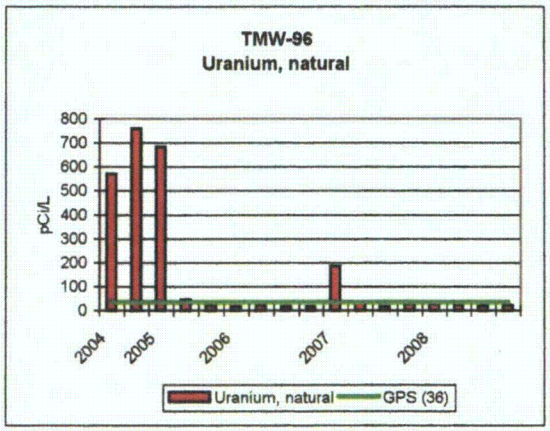

TMW-96
pH
Std Units
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


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)

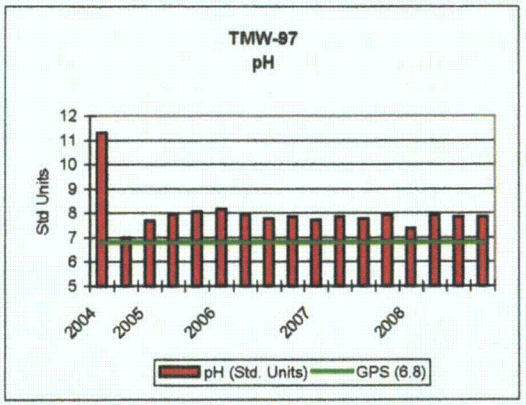

TMW-96
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

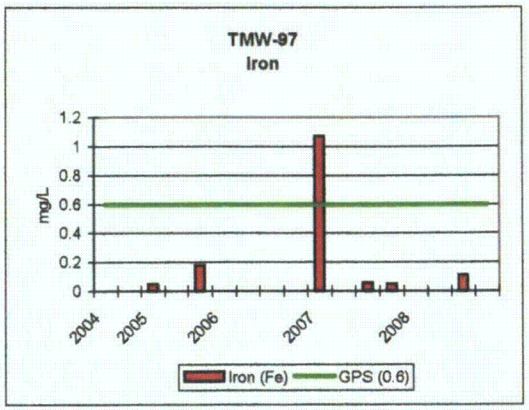

TMW-96
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

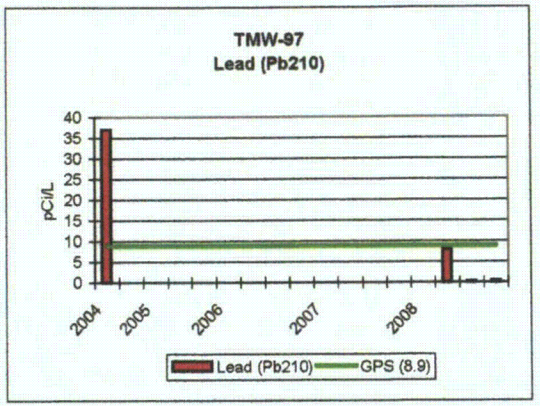

TMW-96
Uranium, natural
pCi/L
800
700
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

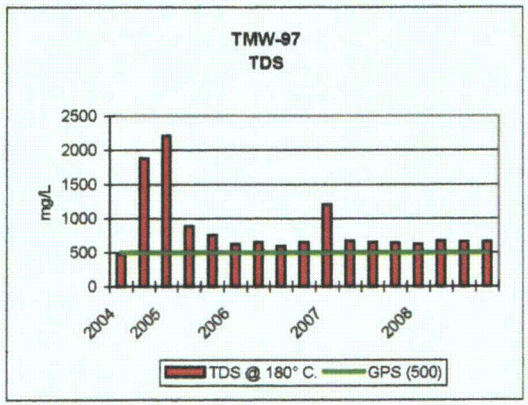
KENNECOTT URANIUM COMPANY																			
TMW-97		2004		2005			2006				2007				2008				
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/3/2004	9/22/2004	3/7/2005	9/21/2005	10/31/2005	3/15/2006	6/6/2006	9/11/2006	11/9/2006	3/28/2007	4/24/2007	9/12/2007	11/7/2007	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

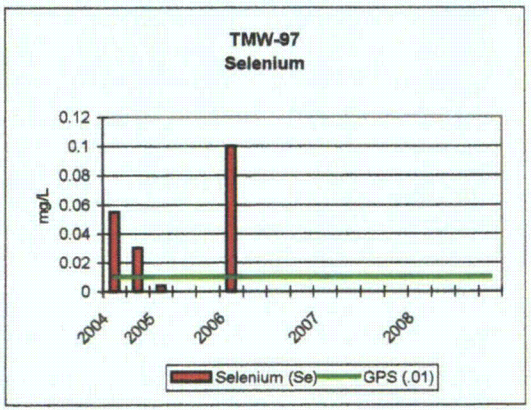
KENNECOTT URANIUM COMPANY																	
TMW-97																	
NORTHING: 148,599.86 EASTING:	Groundwater																
323,799.93	Protection	2004				2006								2008			
ND = Non-detectable	Standard	3/3/04	6/14/05	9/21/05	10/31/05	3/15/06	6/6/06	9/11/06	11/9/06	3/28/07	4/24/07	9/12/07	11/7/07	3/18/2008	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																	

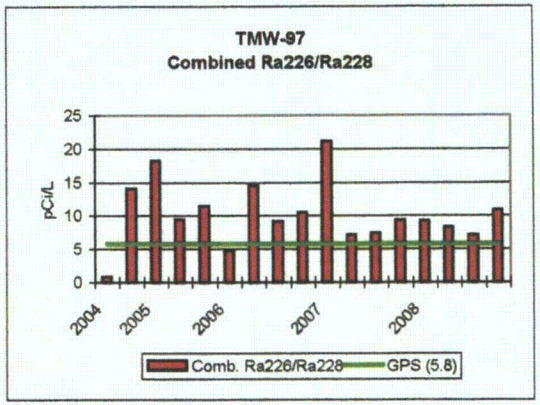

TMW-97
pH
Std Units
12
11
10
9
8
7
6
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

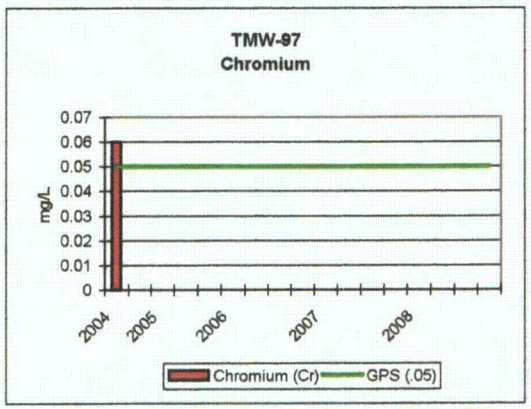

TMW-97
Iron
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

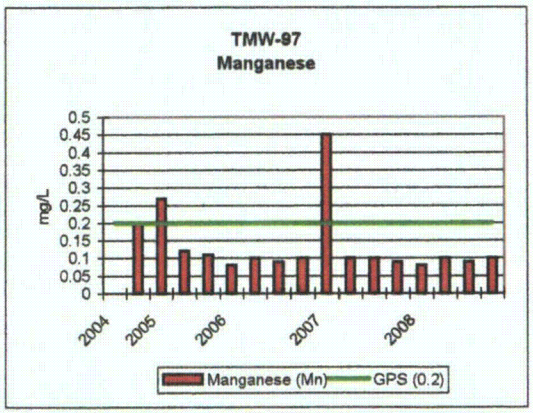

TMW-97
Lead (Pb210)
pCi/L
40
35
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Lead (Pb210)
GPS (8.9)

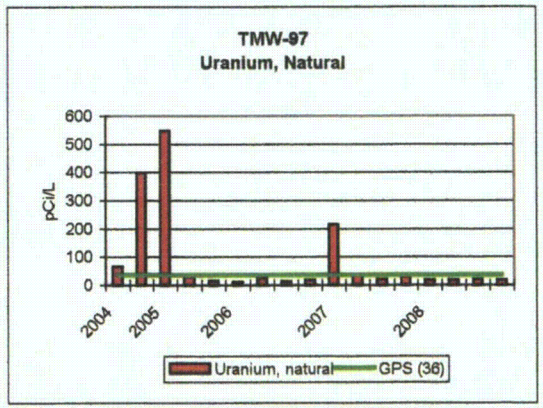

TMW-97
TDS
mg/L
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


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)

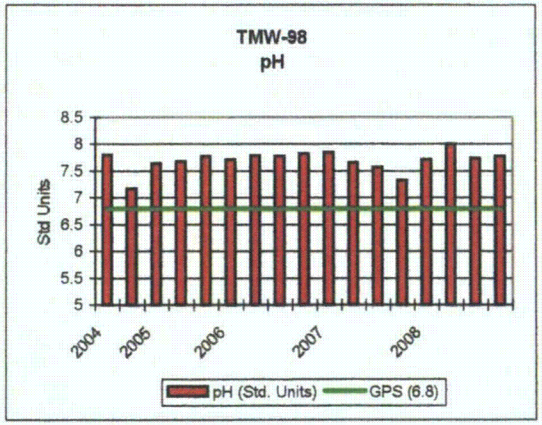

TMW-97
Chromium
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Chromium (Cr)
GPS (.05)

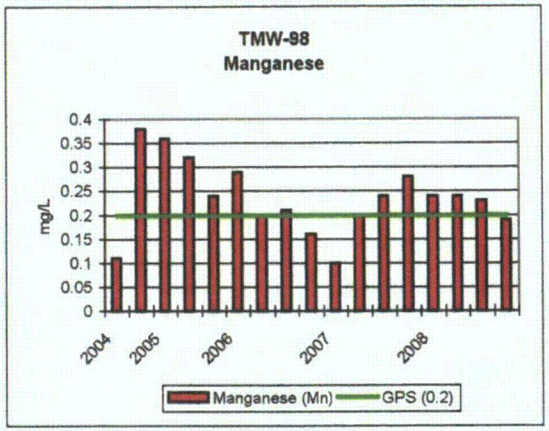

TMW-97
Manganese
mg/L
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

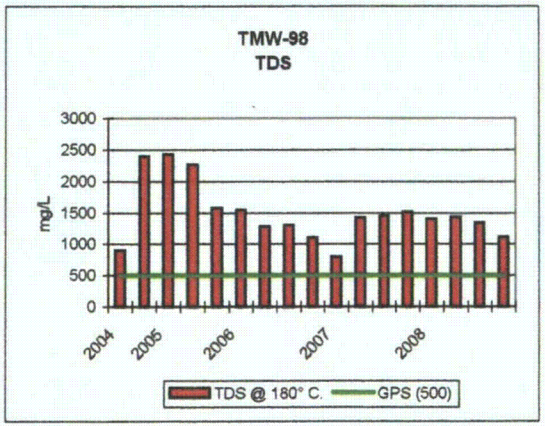

TMW-97
Uranium, Natural
pCi/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

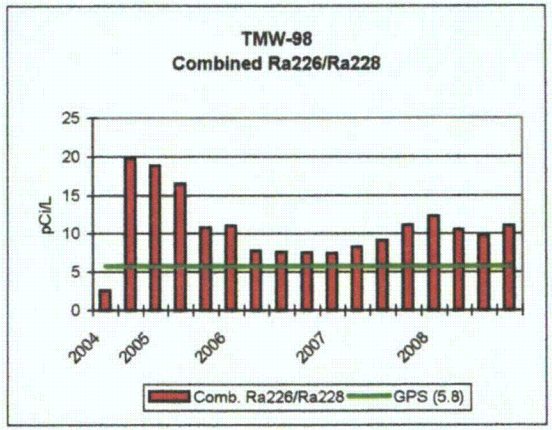
KENNECOTT URANIUM COMPANY																		
TMW-98		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/23/2004	9/20/2004	3/7/2005	9/21/2005	12/20/2005	3/7/2006	6/6/2006	9/12/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/19/2007	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	<1	5.6	<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

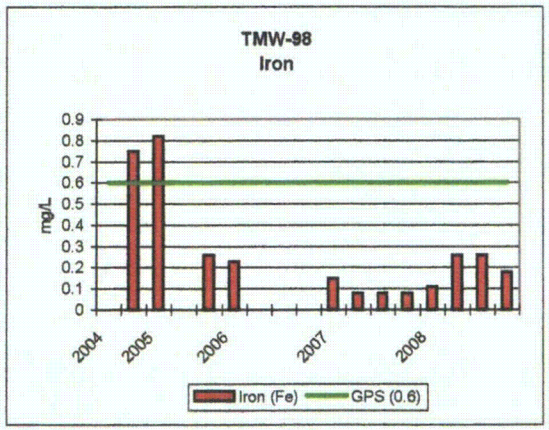
KENNECOTT URANIUM COMPANY																
TMW-98																
NORTHING: 148699.84	Groundwater															
EASTING: 323810.19	Protection	2004				2006				2007				2008		
ND = Non-detectable	Standard	2/23/04	6/9/05	9/21/05	12/20/05	3/7/06	6/6/06	9/12/06	11/19/06	03/07/07	04/24/07	09/12/07	11/19/07	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																

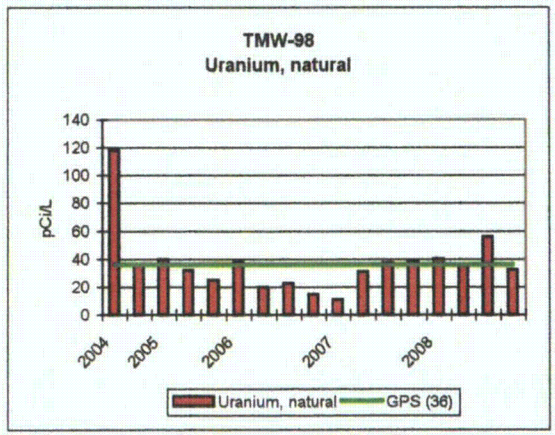

TMW-98
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)


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)

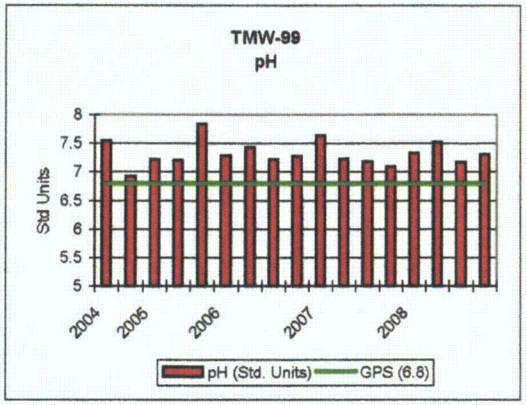

TMW-98
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

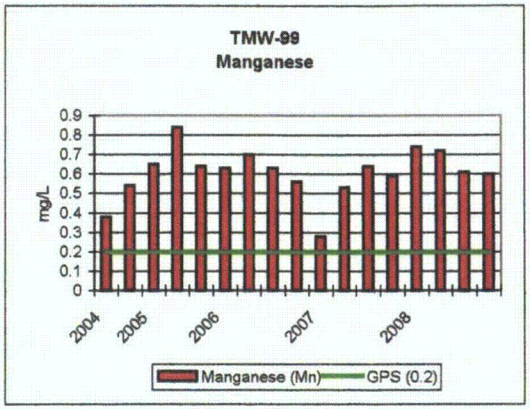

TMW-98
Iron
mg/L
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

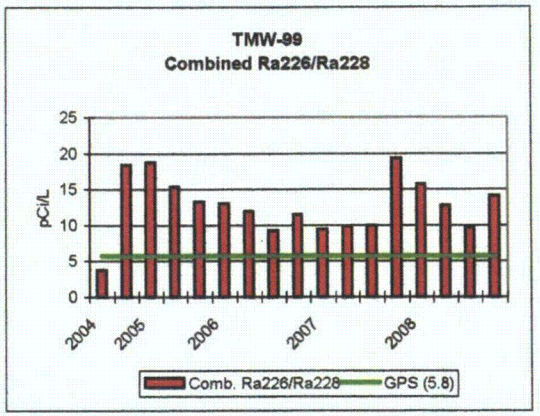

TMW-98
Uranium, natural
pCi/L
140
120
100
80
60
40
20
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

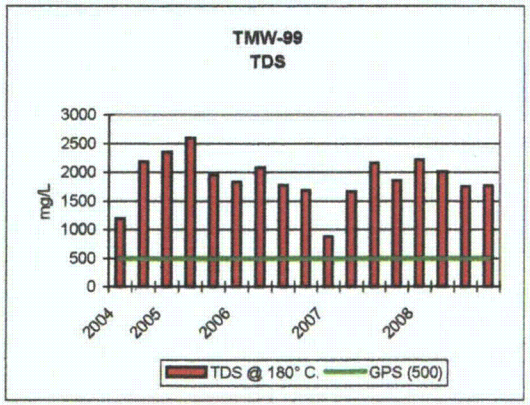
KENNECOTT URANIUM COMPANY																		
TMW-99		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/23/2004	9/20/2004	3/7/2005	9/21/2005	12/21/2005	3/7/2006	6/5/2006	9/11/2006	11/19/2006	3/7/2007	4/24/2007	9/12/2007	11/19/2007	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

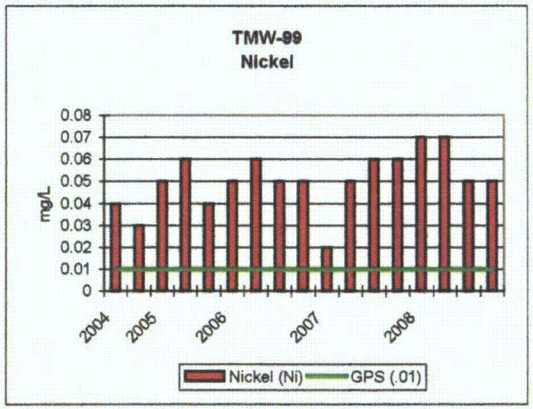
KENNECOTT URANIUM COMPANY																	
TMW-99																	
NORTHING: 148707.32 EASTING:	Groundwater																
323898.85	Protection	2004				2006				2007				2008			
ND = Non-detectable	Standard	02/23/04	6/9/2005	9/21/2005	12/21/05	03/07/06	06/05/06	09/11/06	11/19/06	03/07/07	04/24/07	09/12/07	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																	

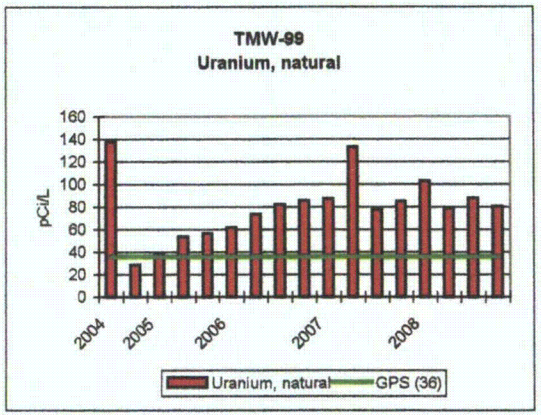

TMW-99
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

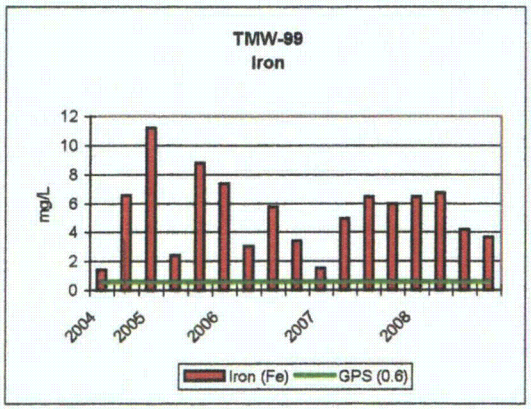

TMW-99
Manganese
mg/L
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

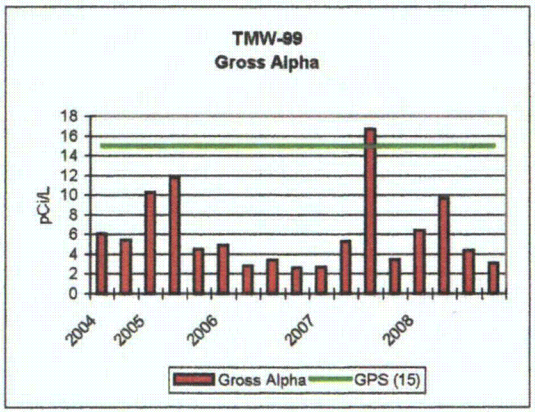

TMW-99
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)


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)

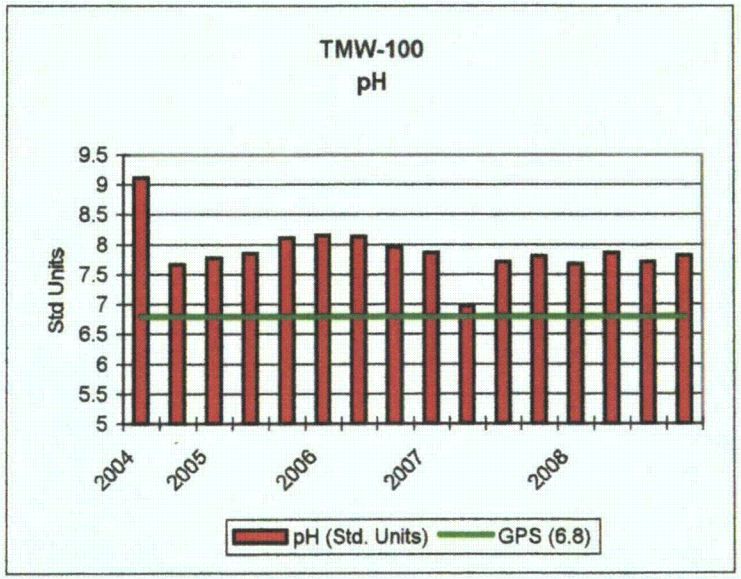
KENNECOTT URANIUM COMPANY																	
TMW-100		2004		2005			2006			2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	2/17/2004	8/3/2004	2/3/2005	8/8/2005	12/13/2005	2/13/2006	4/6/2006	8/1/2006	2/7/2007	5/9/2007	9/10/2007	11/13/2007	2/24/2008	5/18/2008	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-CaC03		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

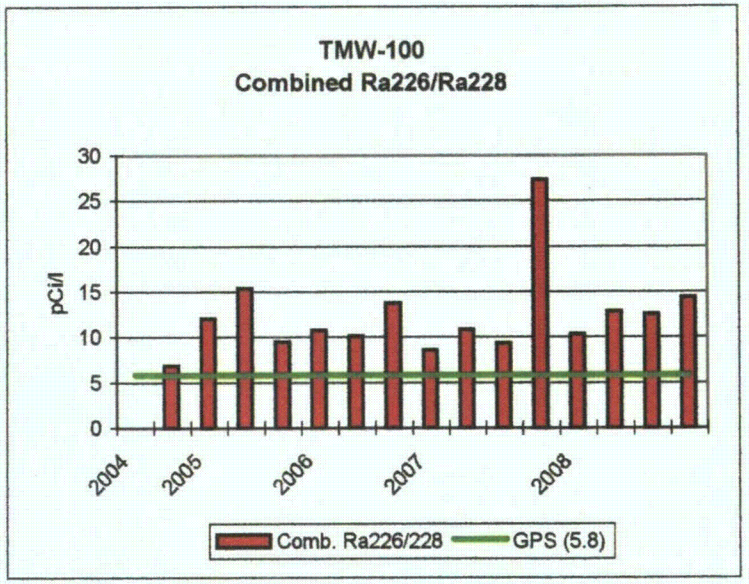
KENNECOTT URANIUM COMPANY

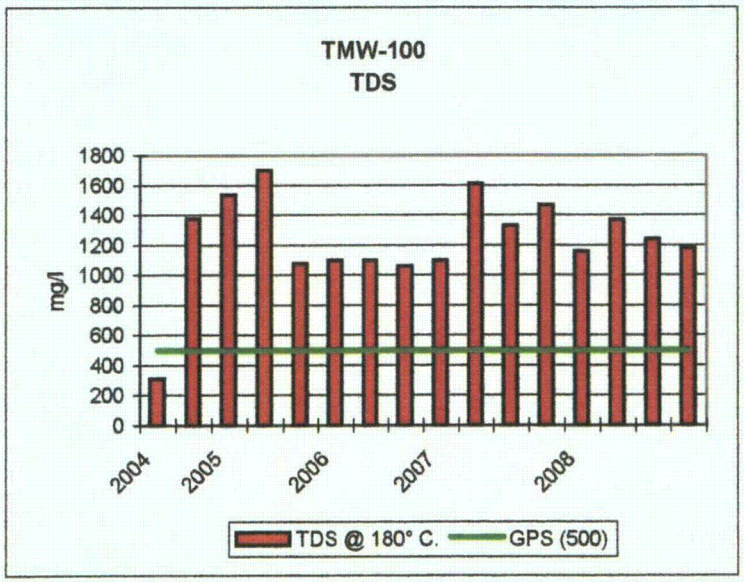
TMW-100

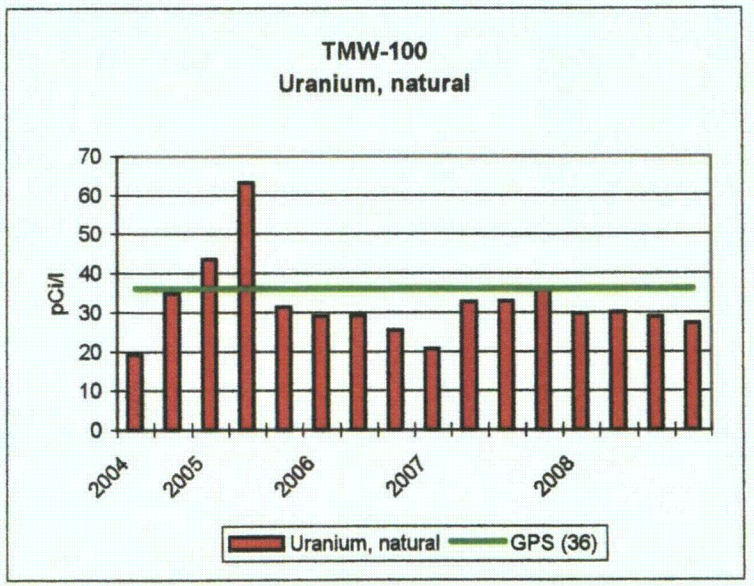
NORTHING: 148799.77 EASTING: 324004.42 ND = Non-detectable	Groundwater Protection Standard	02/17/04	06/14/05	08/08/05	12/13/05	2006 02/13/06	04/06/06	08/01/06	2007 02/07/07	05/09/07	09/10/07	11/13/07	2008 02/24/08	05/18/08	08/10/08	11/17/08
ORGANICS mg/L:																
Diesel Range Organics (DRO)	GPS 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)

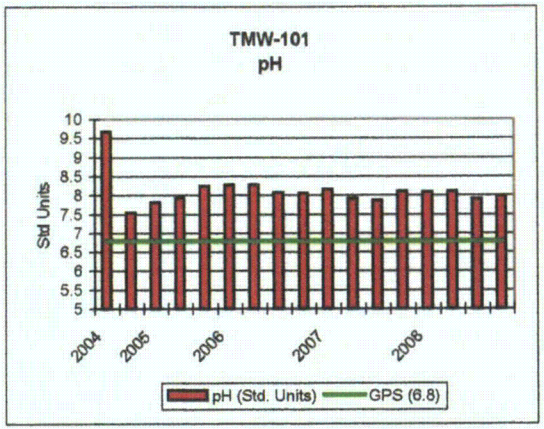

TMW-100
Combined Ra226/Ra228
pCi/l
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

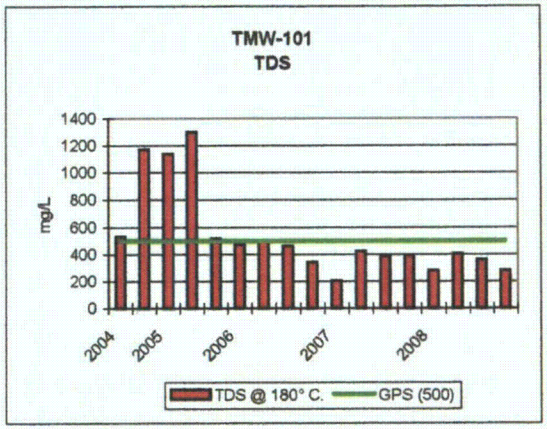

TMW-100
TDS
mg/l
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

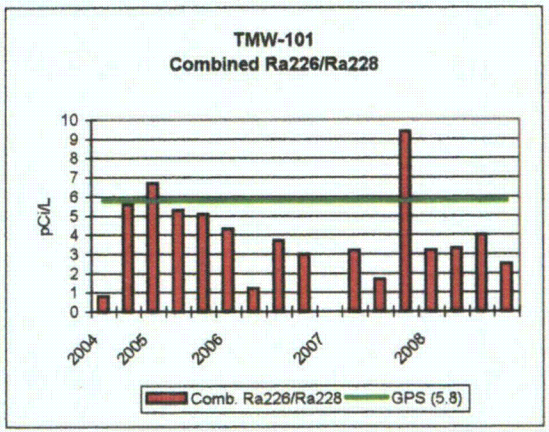

TMW-100
Uranium, natural
pCi/l
70
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, natural
GPS (36)

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:	Groundwater																
324,100.06	Protection	2004				2006				2007				2008			
ND = Non-detectable	Standard	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)

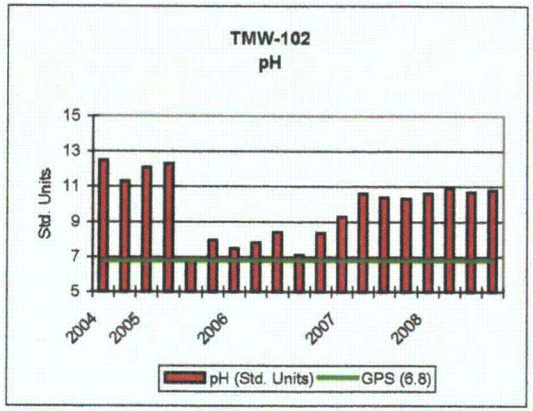

TMW-101
TDS
mg/L
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

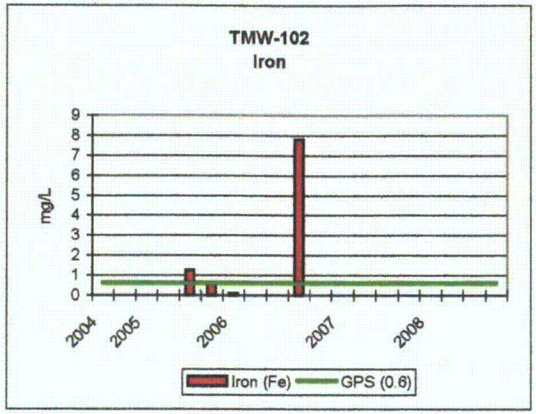

TMW-101
Combined Ra226/Ra228
pCi/L
10
9
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

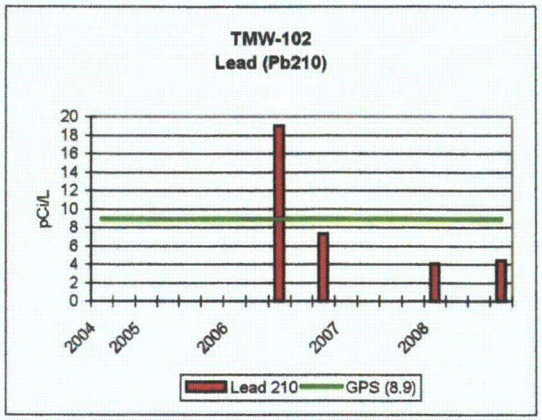
KENNECOTT URANIUM COMPANY																				
TMW-102		2004		2005				2006					2007				2008			
PARAMETER (mg/L unless noted)	Groundwater Protection Standard (GPS) as of 5/26/05	1/14/2004	9/21/2004	3/8/2005	7/19/2005	9/22/2005	12/22/2005	1/17/2006	2/14/2006	4/5/2006	7/25/2006	11/13/2006	2/6/2007	4/3/2007	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-CaC03		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

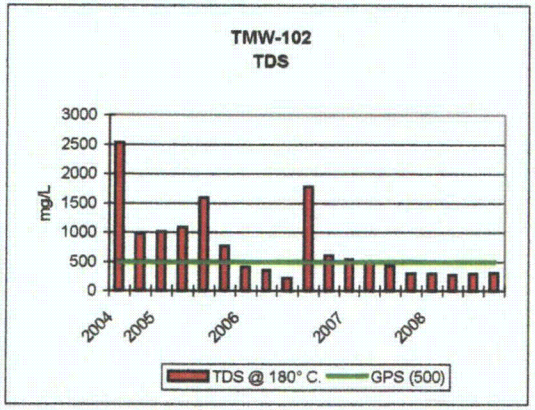
KENNECOTT URANIUM COMPANY																					
TMW-102																					
NORTHING: 148,600.02	Groundwater																				
EASTING: 323,968.63	Protection	2003		2004												2005					
ND = Non-detectable	Standard	12/10/03	12/16/03	01/14/04	02/16/04	03/17/04	04/13/04	05/11/04	06/15/04	07/14/04	08/05/04	09/21/04	10/13/04	11/09/04	12/08/04	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																					

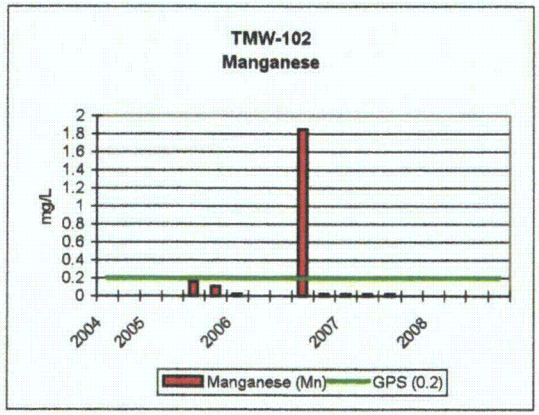
KENNECOTT URANIUM COMPANY														
TMW-102														
NORTHING: 148,600.02	Groundwater													
EASTING: 323,968.63	Protection						2007				2008			
ND = Non-detectable	Standard	12/22/05	02/14/06	04/05/06	07/25/06	11/13/06	02/06/07	04/03/07	07/25/07	10/22/07	02/27/08	04/07/08	08/25/08	11/18/08
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														

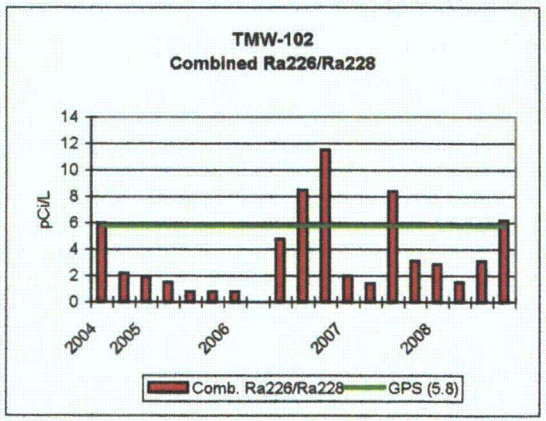

TMW-102
pH
Std. Units
15
13
11
9
7
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

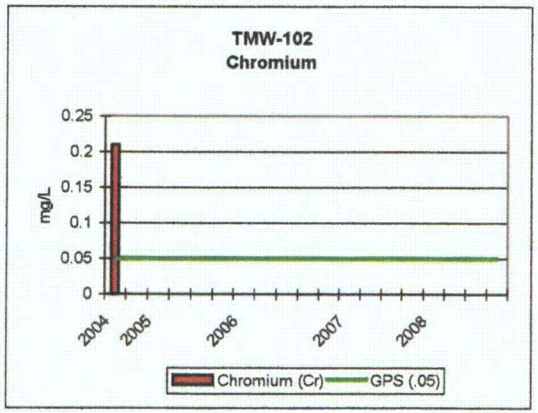

TMW-102
Iron
mg/L
9
8
7
6
5
4
3
2
1
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

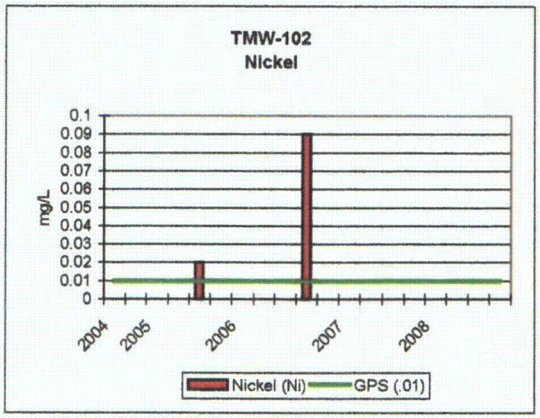

TMW-102
Lead (Pb210)
pCi/L
20
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Lead 210
GPS (8.9)

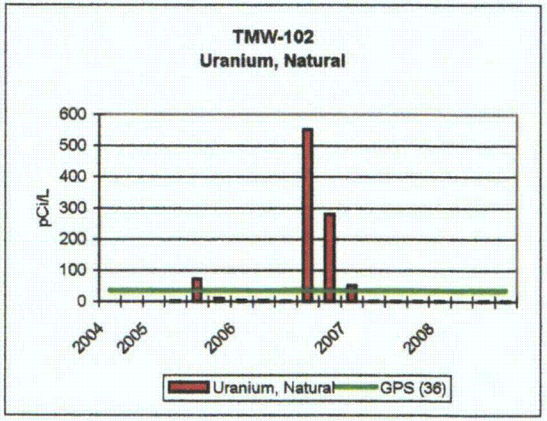

TMW-102
TDS
mg/L
3000
2500
2000
1500
1000
500
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)


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)

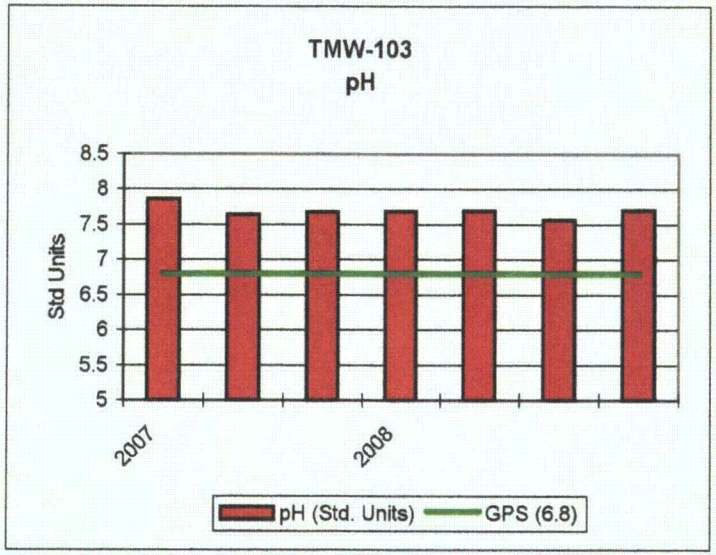

TMW-102
Combined Ra226/Ra228
pCi/L
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

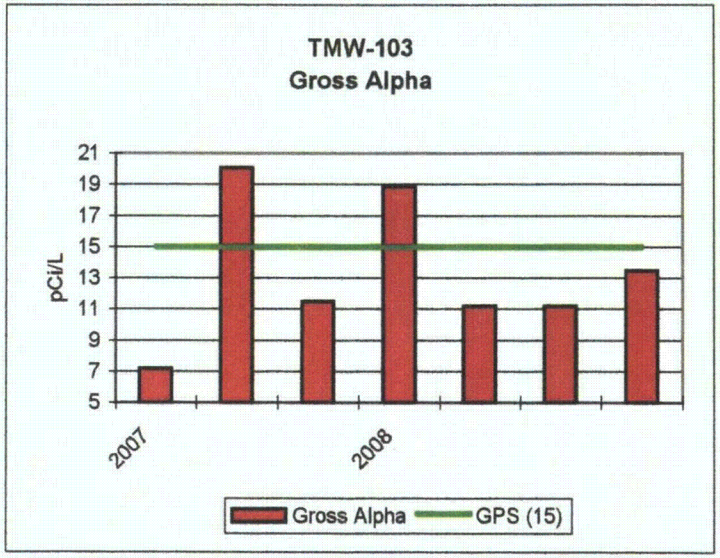

TMW-102
Chromium
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Chromium (Cr)
GPS (.05)

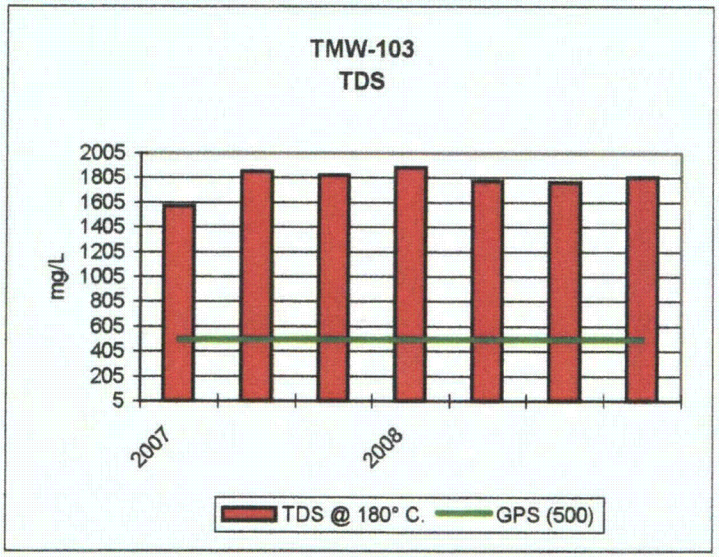

TMW-102
Nickel
mg/L
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)

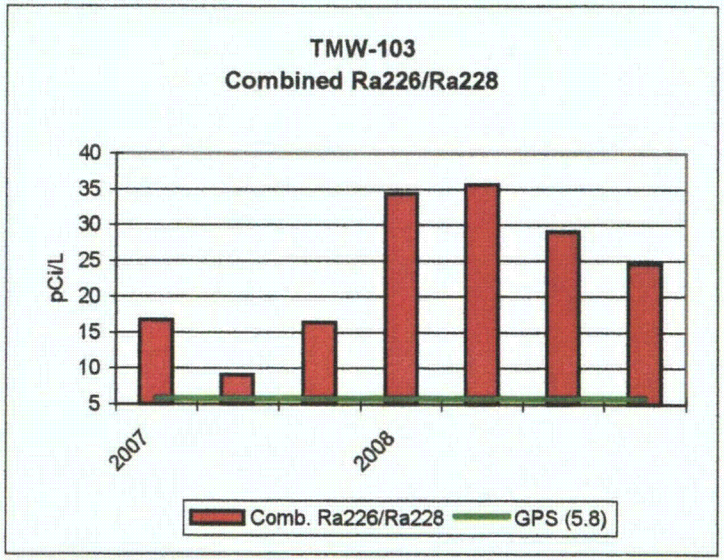

TMW-102
Uranium, Natural
pCi/L
600
500
400
300
200
100
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

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)

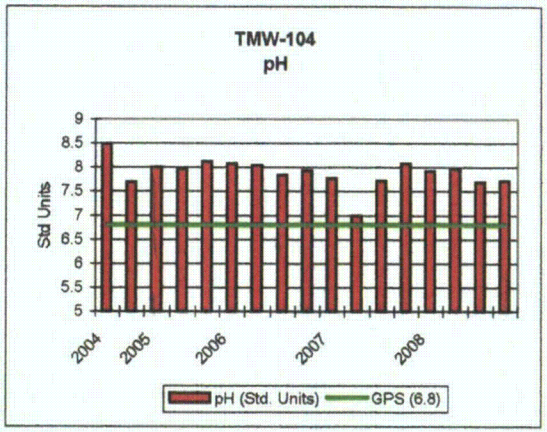

TMW-103
Gross Alpha
pCi/L
21
19
17
15
13
11
9
7
5
2007
2008
Gross Alpha
GPS (15)

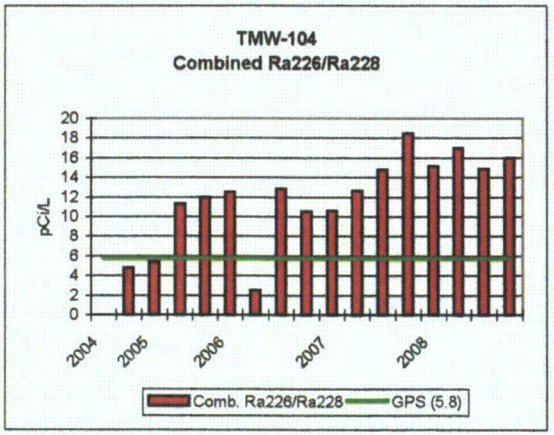

TMW-103
TDS
mg/L
2005
1805
1605
1405
1205
1005
805
605
405
205
5
2007
2008
TDS @ 180° C.
GPS (500)

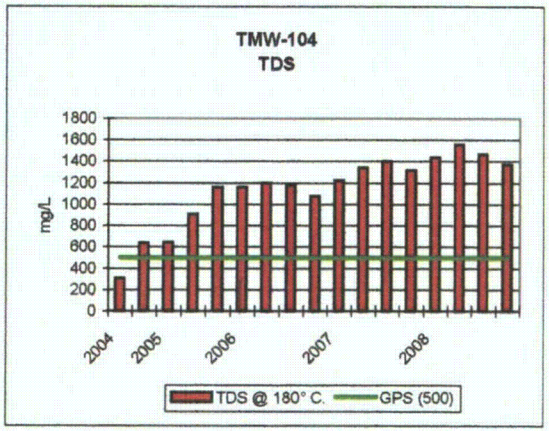

TMW-103
Combined Ra226/Ra228
pCi/L
40
35
30
25
20
15
10
5
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

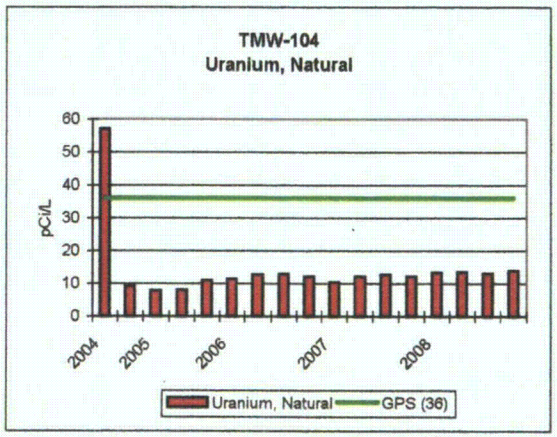
KENNECOTT URANIUM COMPANY																		
TMW-104		2004		2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	3/3/2004	8/4/2004	2/3/2005	8/9/2005	12/13/2005	2/13/2006	4/4/2006	8/9/2006	11/15/2006	2/7/2007	5/9/2007	8/17/2007	11/13/2007	2/12/2008	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	ND	<0.005	<0.005	<0.005	<0.005
Carbonate (CO3)		1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<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

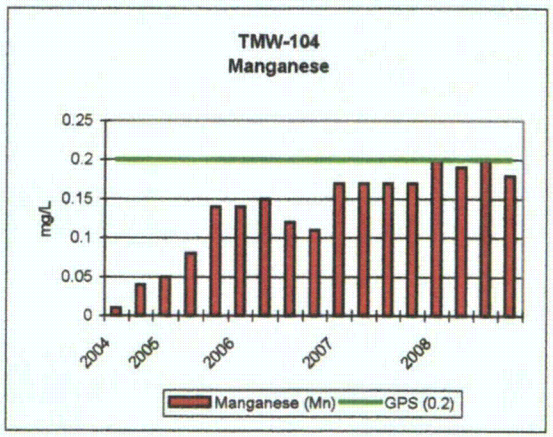
KENNECOTT URANIUM COMPANY																		
TMW-104																		
NORTHING: 148,508.55 EASTING:	Groundwater																	
324,122.60	Protection	2004				2006				2007				2008				
ND = Non-detectable	Standard	3/3/04	6/14/05	8/9/05	12/13/05	2/13/06	4/4/06	8/9/06	11/15/06	2/7/07	5/9/07	8/17/07	11/13/07	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)

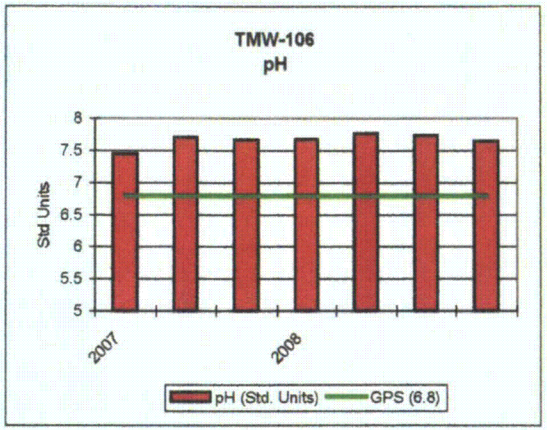

TMW-104
Combined Ra226/Ra228
pCi/L
20
18
16
14
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

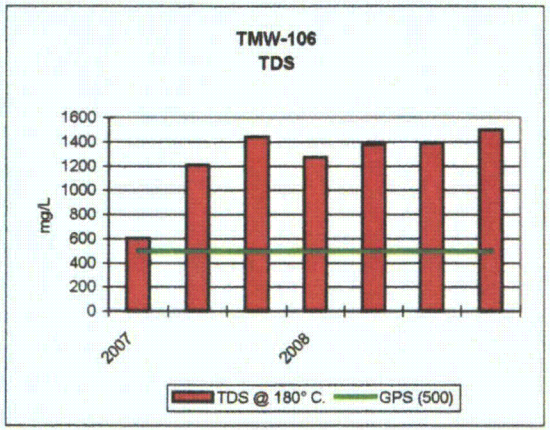

TMW-104
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

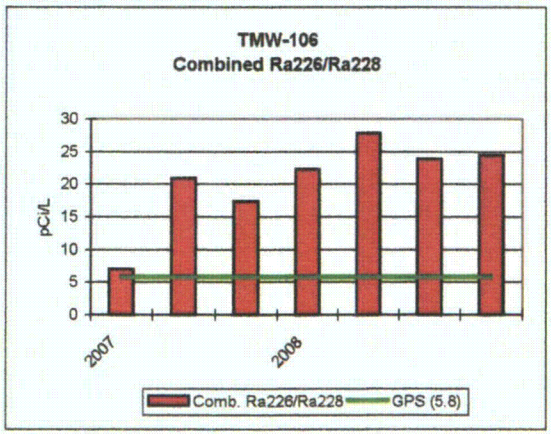

TMW-104
Uranium, Natural
pCi/L
60
50
40
30
20
10
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)


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

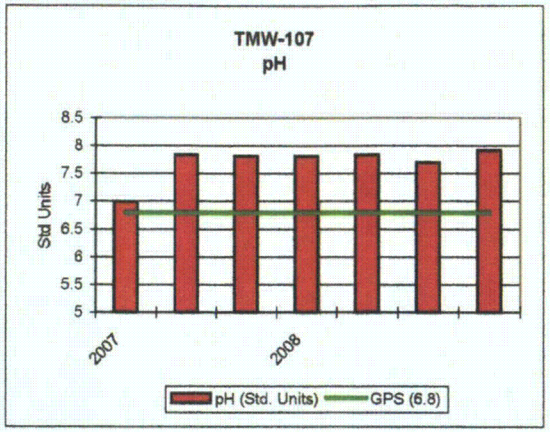

TMW-106
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

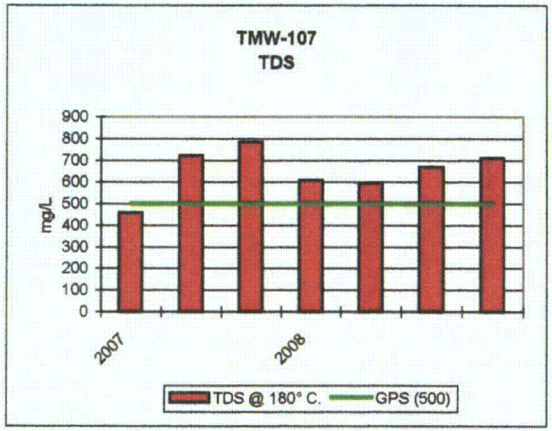

TMW-106
TDS
mg/L
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)

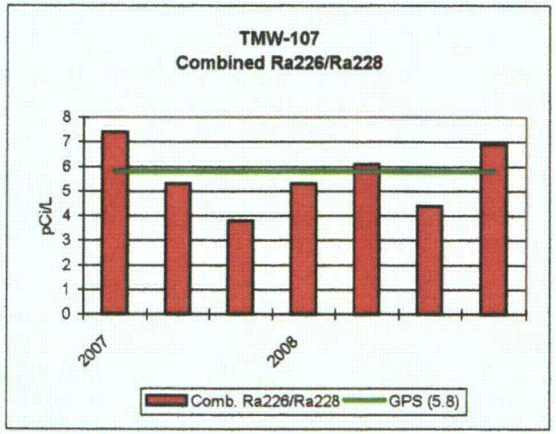

TMW-106
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

TMW 106.xls

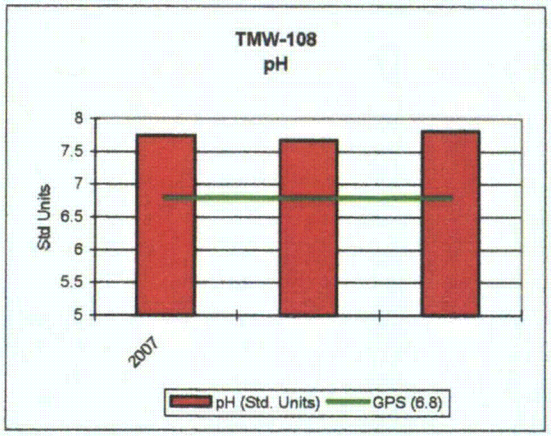
KENNECOTT URANIUM COMPANY								
TMW-107		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	6/6/2007	9/17/2007	12/4/2007	3/9/2008	4/1/2008	8/12/2008	10/5/2008
TDS A/C Balance *(dec. %)*		0.96	0.95	2.57	1.77	2.27	2.62	-1.88
Silver (Ag)		<0.01	<0.01	<0.01	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

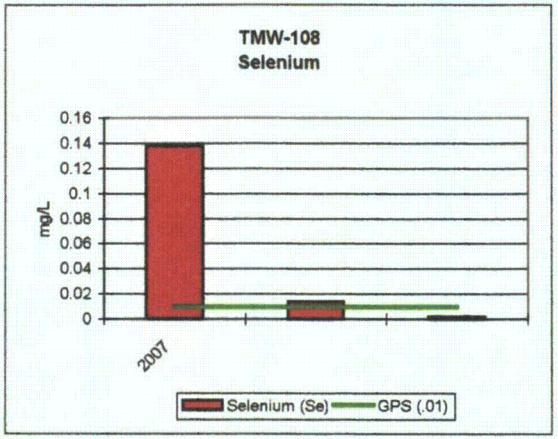

TMW-107
pH
8.5
8
7.5
7
6.5
6
5.5
5
Std Units
2007
2008
pH (Std. Units)
GPS (6.8)

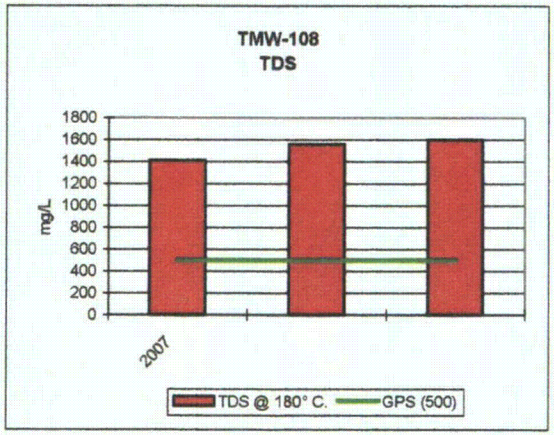

TMW-107
TDS
900
800
700
600
500
400
300
200
100
0
mg/L
2007
2008
TDS @ 180° C.
GPS (500)

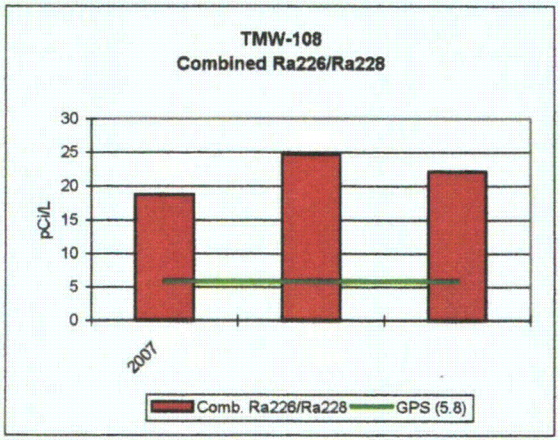

TMW-107
Combined Ra226/Ra228
8
7
6
5
4
3
2
1
0
pCi/L
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

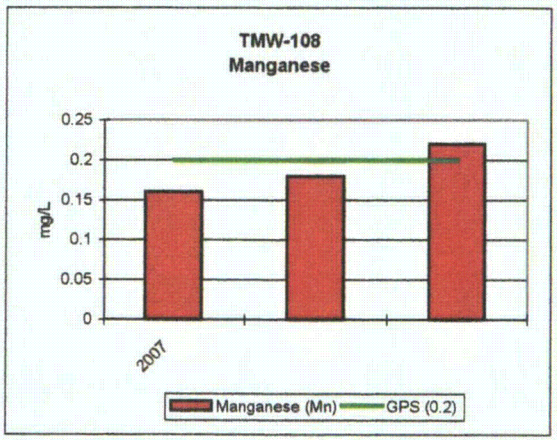
KENNECOTT URANIUM COMPANY				
TMW-108		2007		
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	5/24/2007	9/18/2007	12/5/2007
TDS A/C Balance *(dec. %)*		1.09	0.99	1.1
Silver (Ag)		<0.01	<0.01	<0.01
Aluminum (Al)	GPS (1.8)	<0.1	<0.1	<0.1
Alk-CaC03		98	106	103
Arsenic (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

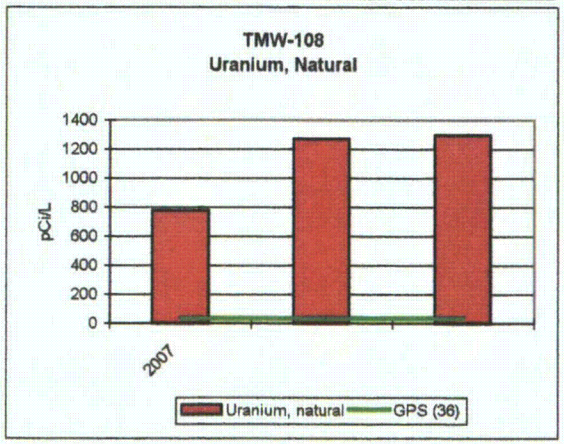

TMW-108
pH
Std Units
8
7.5
7
6.5
6
5.5
5
2007
pH (Std. Units)
GPS (6.8)


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)

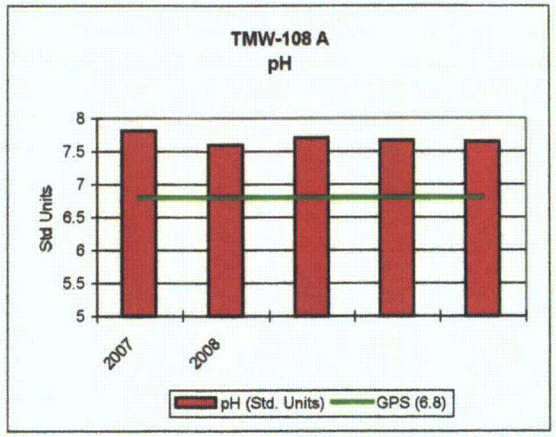

TMW-108
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
TDS @ 180° C.
GPS (500)

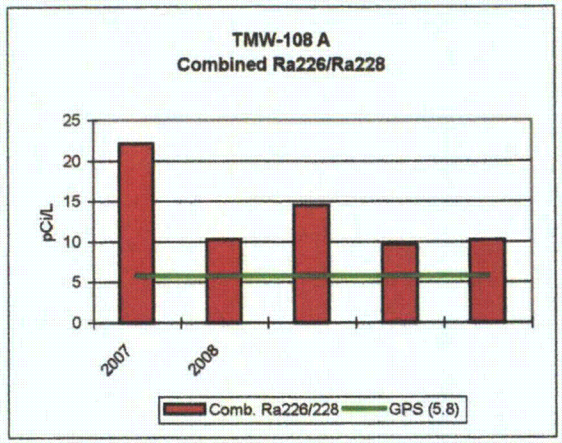

TMW-108
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2007
Comb. Ra226/Ra228
GPS (5.8)

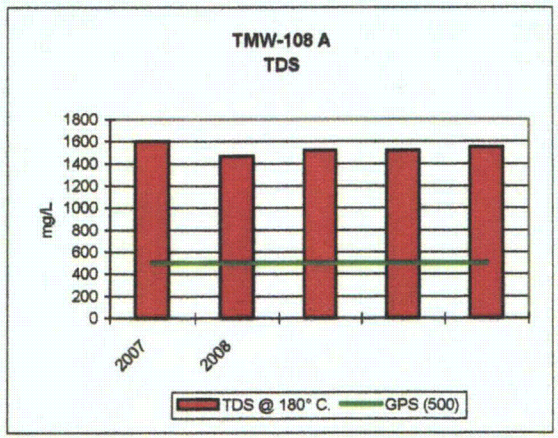

TMW-108
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2007
Manganese (Mn)
GPS (0.2)

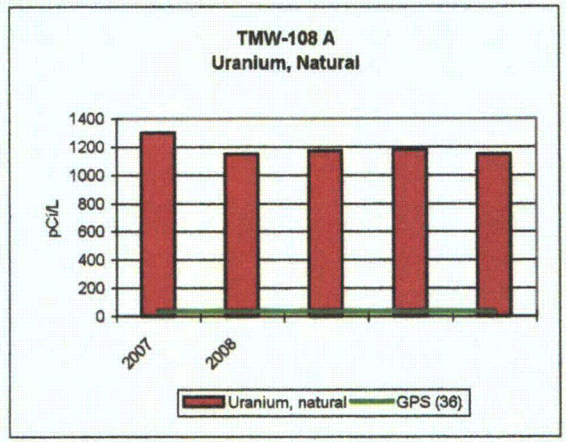

TMW-108
Uranium, Natural
pCi/L
1400
1200
1000
800
600
400
200
0
2007
Uranium, natural
GPS (36)

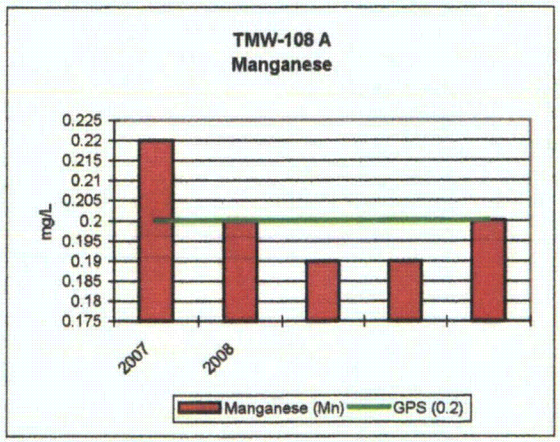
KENNECOTT URANIUM COMPANY						
TMW-108A		2007	2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.93	-4.09	0.579	0.632	1.05
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	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)

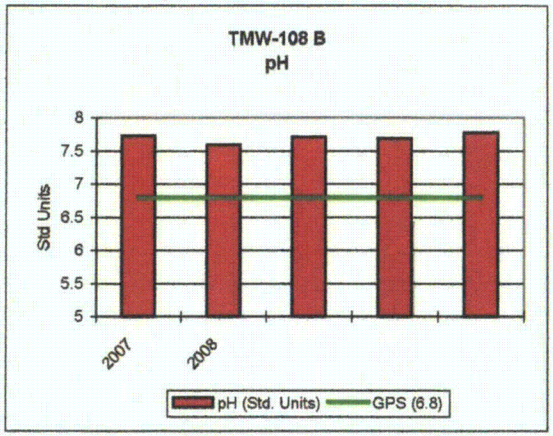

TMW-108 A
Combined Ra226/Ra228
pCi/L
25
20
15
10
5
0
2007
2008
Comb. Ra226/228
GPS (5.8)

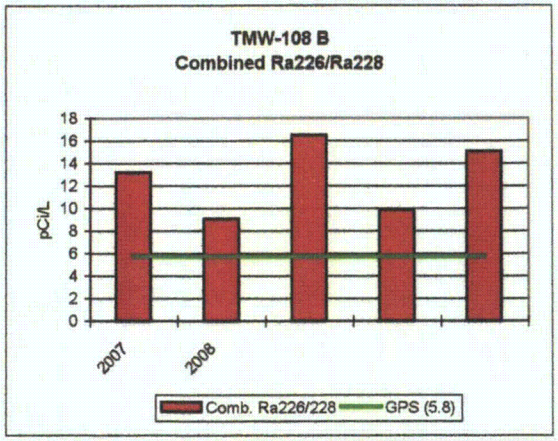

TMW-108 A
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)

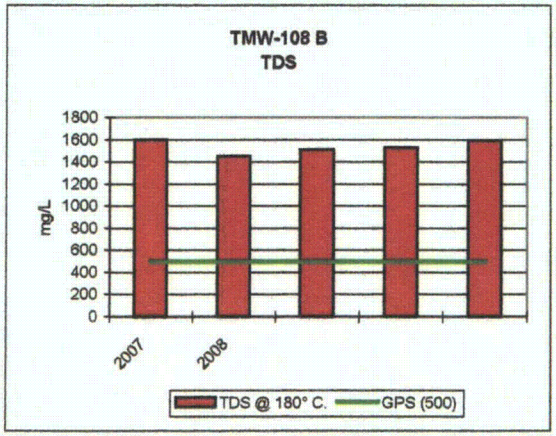

TMW-108 A
Uranium, Natural
pCi/L
1400
1200
1000
800
600
400
200
0
2007
2008
Uranium, natural
GPS (36)

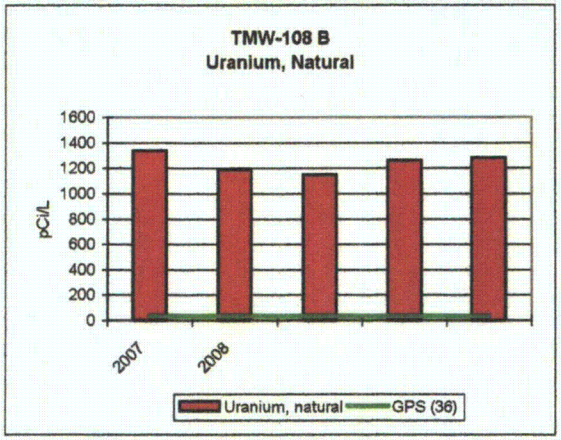

TMW-108 A
Manganese
mg/L
0.225
0.22
0.215
0.21
0.205
0.2
0.195
0.19
0.185
0.18
0.175
2007
2008
Manganese (Mn)
GPS (0.2)

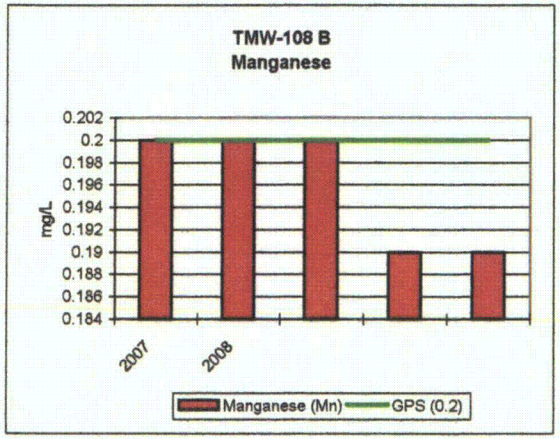
KENNECOTT URANIUM COMPANY						
TMW-108B		2007	2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		0.985	4.43	0.098	2.4	1.46
Silver (Ag)		<0.01	<0.01	<0.01	<0.01	<0.01
Aluminum (Al)	GPS (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)

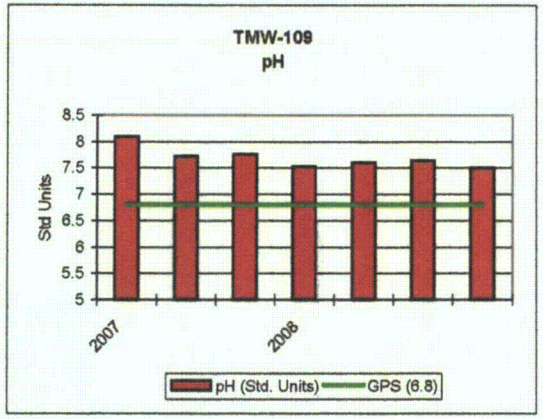

TMW-108 B
Combined Ra226/Ra228
pCi/L
18
16
14
12
10
8
6
4
2
0
2007
2008
Comb. Ra226/228
GPS (5.8)

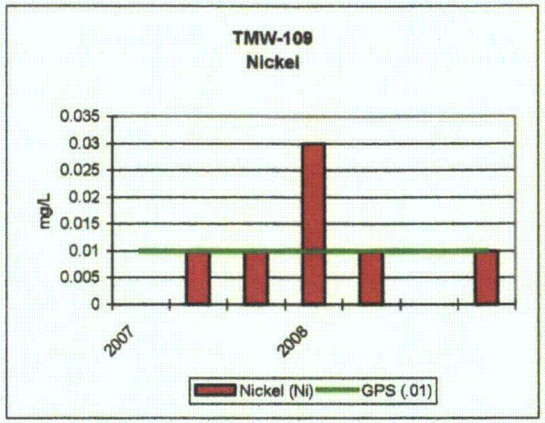

TMW-108 B
TDS
mg/L
1800
1600
1400
1200
1000
800
600
400
200
0
2007
2008
TDS @ 180° C.
GPS (500)

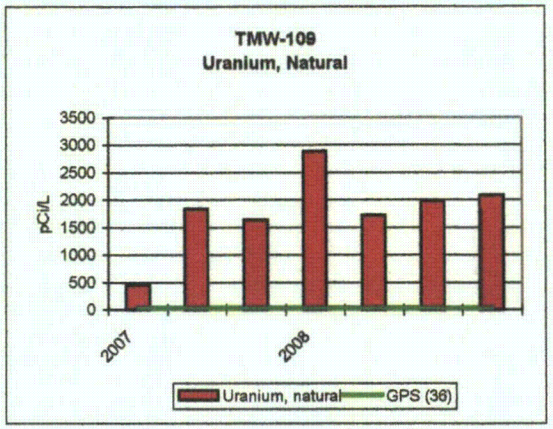

TMW-108 B
Uranium, Natural
pCi/L
1600
1400
1200
1000
800
600
400
200
0
2007
2008
Uranium, natural
GPS (36)

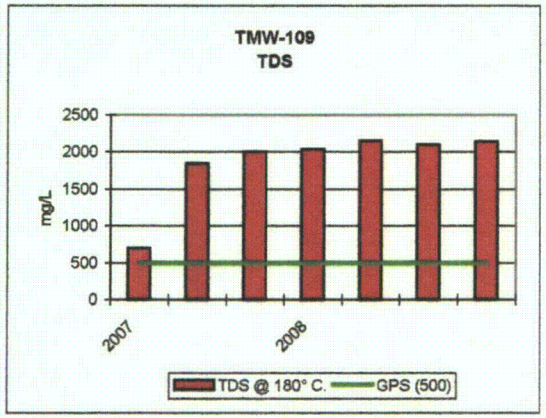

TMW-108 B
Manganese
mg/L
0.202
0.2
0.198
0.196
0.194
0.192
0.19
0.188
0.186
0.184
2007
2008
Manganese (Mn)
GPS (0.2)

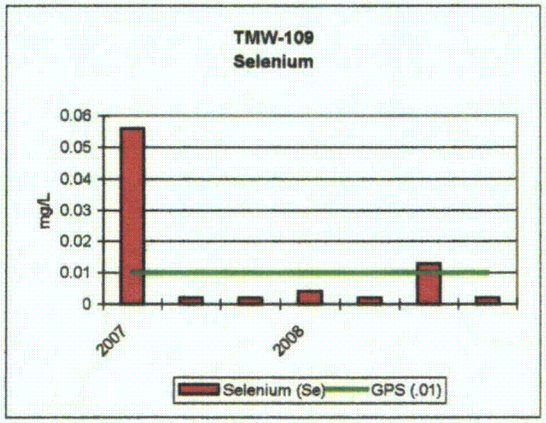
KENNECOTT URANIUM COMPANY								
TMW-109		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	6/13/2007	9/18/2007	12/5/2007	2/24/2008	4/1/2008	8/11/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.06	1.08	1.2	-6.22	0.861	1.31	0.01
Silver (Ag)		<0.01	<0.01	<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

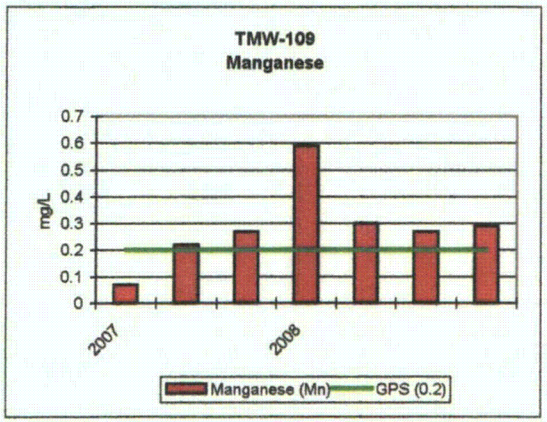

TMW-109
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2007
2008
pH (Std. Units)
GPS (6.8)

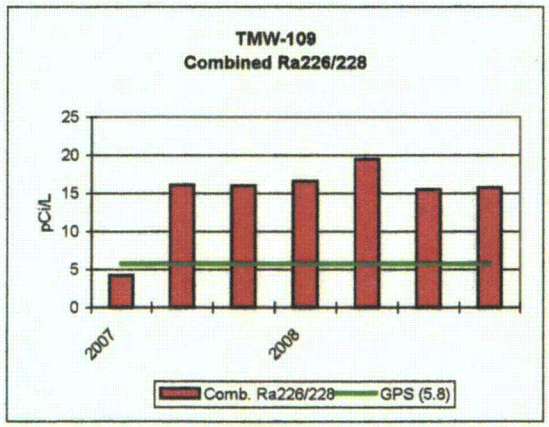

TMW-109
Nickel
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
2007
2008
Nickel (Ni)
GPS (.01)


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

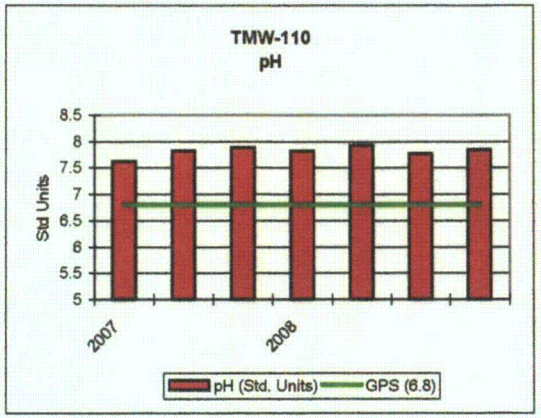

TMW-109
TDS
mg/L
2500
2000
1500
1000
500
0
2007
2008
TDS @ 180° C.
GPS (500)

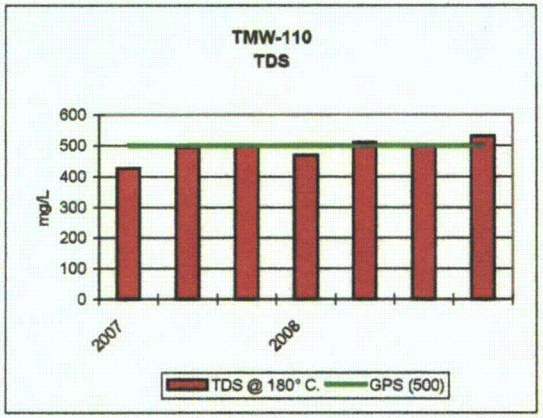

TMW-109
Selenium
mg/L
0.06
0.05
0.04
0.03
0.02
0.01
0
2007
2008
Selenium (Se)
GPS (.01)

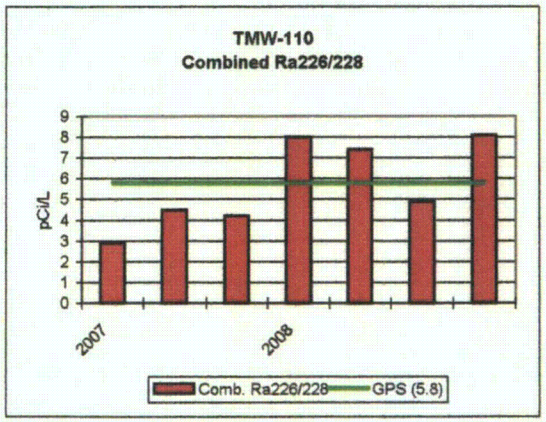

TMW-109
Manganese
mg/L
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2007
2008
Manganese (Mn)
GPS (0.2)


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)

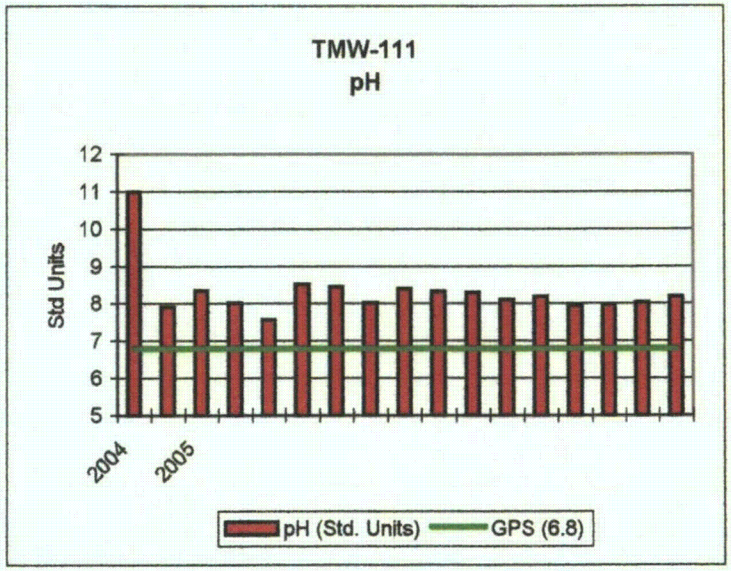

TMW-110
TDS
mg/L
600
500
400
300
200
100
0
2007
2008
TDS @ 180° C.
GPS (500)

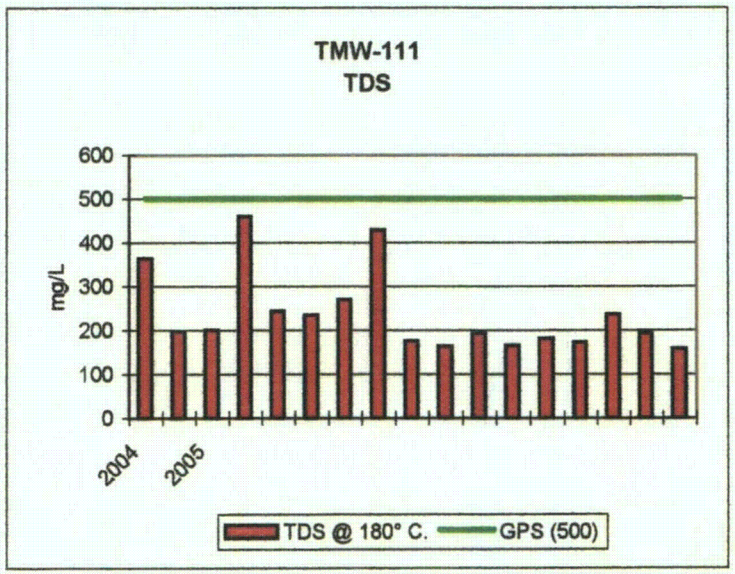

TMW-110
Combined Ra226/228
pCi/L
9
8
7
6
5
4
3
2
1
0
2007
2008
Comb. Ra226/228
GPS (5.8)

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		184	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)*		0.6	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)

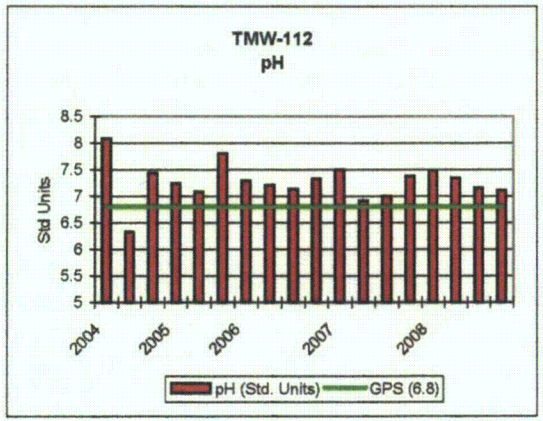

TMW-111
TDS
mg/L
600
500
400
300
200
100
0
2004
2005
TDS @ 180° C.
GPS (500)

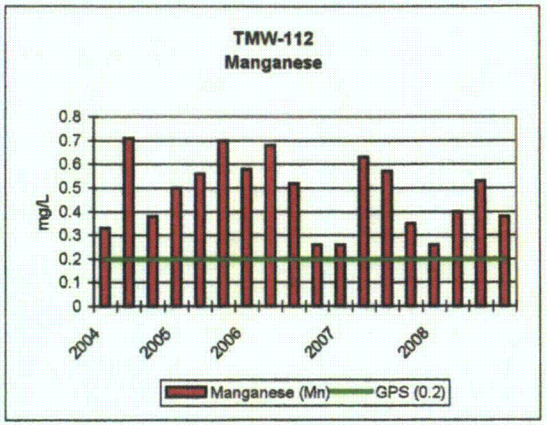
KENNECOTT URANIUM COMPANY																			
TMW-112		2004			2005			2006				2007				2008			
PARAMETER (mg/L unless noted)	Groundwater Protection Standard (GPS) as of 5/26/05	2/2/2004	4/12/2004	10/12/2004	4/11/2005	7/18/2005	12/22/2005	2/7/2006	4/3/2006	8/8/2006	11/7/2006	2/7/2007	5/9/2007	7/25/2007	10/2/2007	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

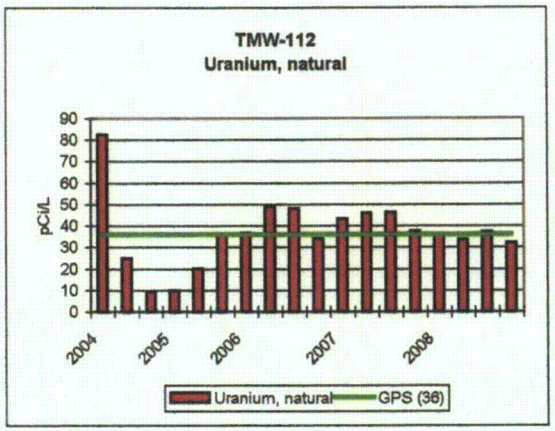
KENNECOTT URANIUM COMPANY **TMW-112** NORTHING: 148,700.09 EASTING: 324,199.95 ND = Non-detectable	Groundwater Protection Standard	2004 2/2/2004	02/17/04	03/17/04	04/12/04	05/11/04	06/10/04	07/13/04	08/05/04	09/21/04	10/12/04	11/08/04	12/07/04	2005 01/18/05	02/07/05	03/08/05	04/11/05	05/10/05	07/18/05
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

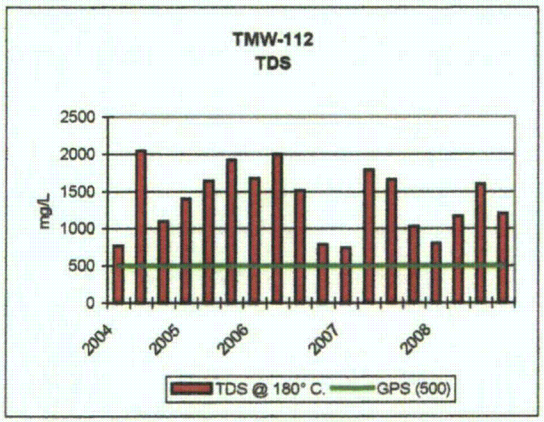
(1) - EPA MCL
(2) - WY Drinking Water Equivalent Level
(3) - WY VRP, Fact Sheet 12
(4) - EPA RBC - Tap Water

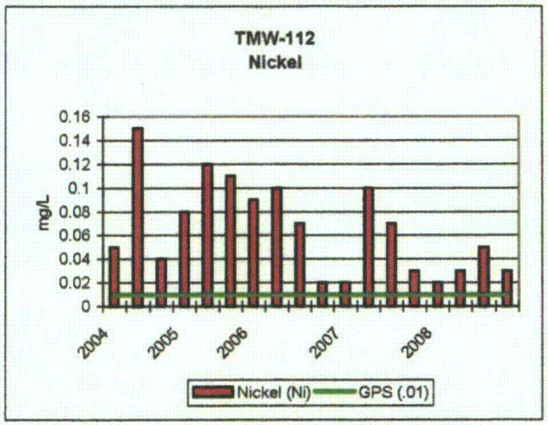
KENNECOTT URANIUM COMPANY **TMW-112** NORTHING: 148,700.09 EASTING: 324,199.95 ND = Non-detectable	Groundwater Protection Standard	12/22/05	2006 02/07/06	04/03/06	08/08/06	11/07/06	2007 02/07/07	05/09/07	07/25/07	10/02/07	2008 02/20/08	04/02/08	08/10/08	10/13/08
ORGANICS mg/L:														
Diesel Range 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														

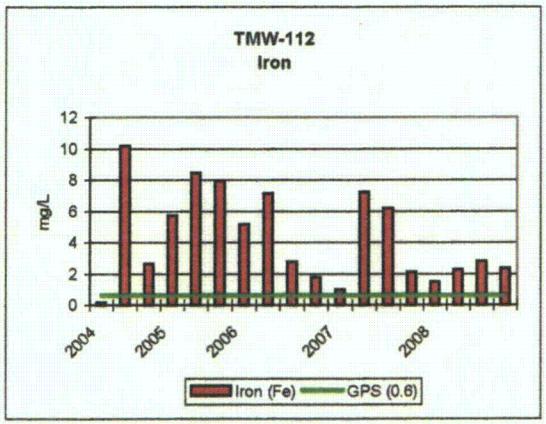

TMW-112
pH
Std Units
8.5
8
7.5
7
6.5
6
5.5
5
2004
2005
2006
2007
2008
pH (Std. Units)
GPS (6.8)

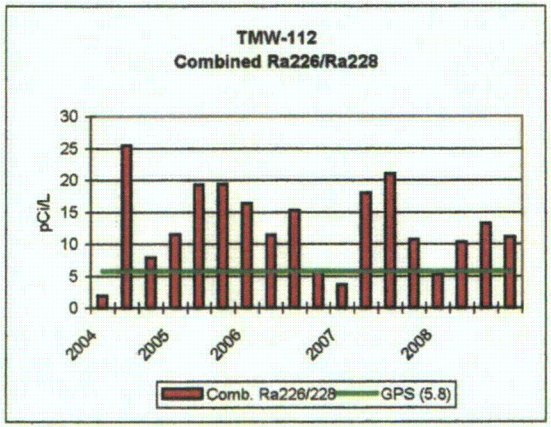

TMW-112
Manganese
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)


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)

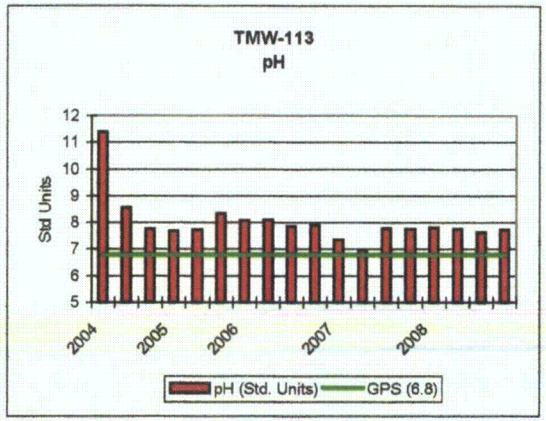

TMW-112
Nickel
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2004
2005
2006
2007
2008
Nickel (Ni)
GPS (.01)

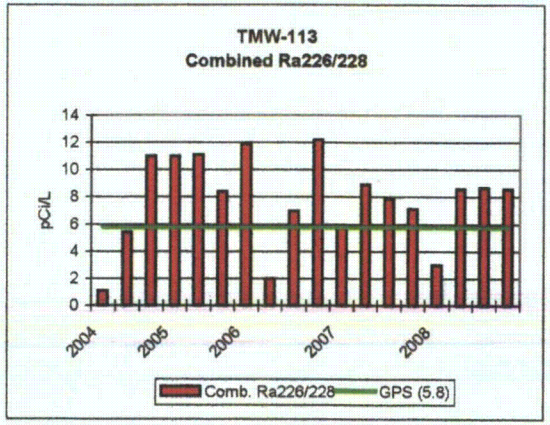

TMW-112
Iron
mg/L
12
10
8
6
4
2
0
2004
2005
2006
2007
2008
Iron (Fe)
GPS (0.6)

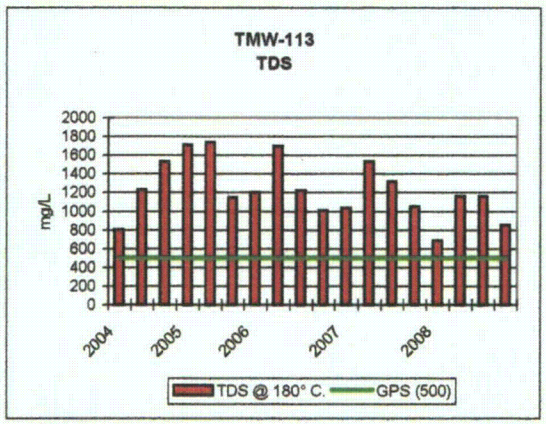

TMW-112
Combined Ra226/Ra228
pCi/L
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
Comb. Ra226/228
GPS (5.8)

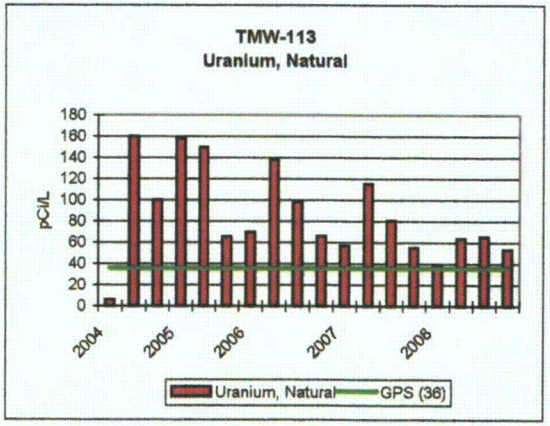
KENNECOTT URANIUM COMPANY																			
TMW-113		2004			2005			2006				2007				2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/26/2004	4/12/2004	10/12/2004	4/11/2005	7/18/2005	12/21/2005	2/7/2006	4/4/2006	8/8/2006	11/13/2006	2/7/2007	5/9/2007	7/25/2007	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

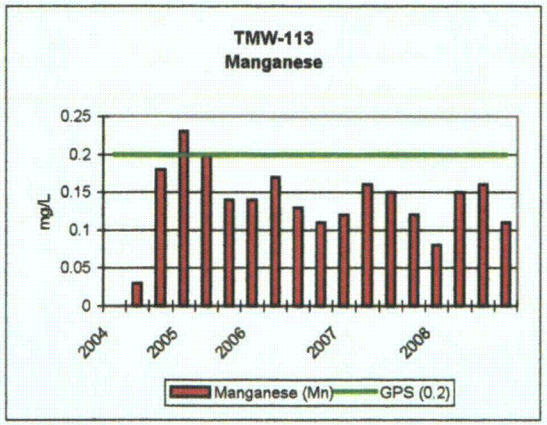
KENNECOTT URANIUM COMPANY																				
TMW-113																				
NORTHING: 148,600.06 EASTING:	Groundwater																			
324,199.95	Protection	2004								2006				2007				2008		
ND = Non-detectable	Standard	1/26/04	2/17/04	3/17/04	4/12/04	5/11/04	6/10/04	7/18/05	12/21/05	2/7/06	4/4/06	8/8/06	11/13/06	2/7/07	5/9/07	7/25/07	10/2/07	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)

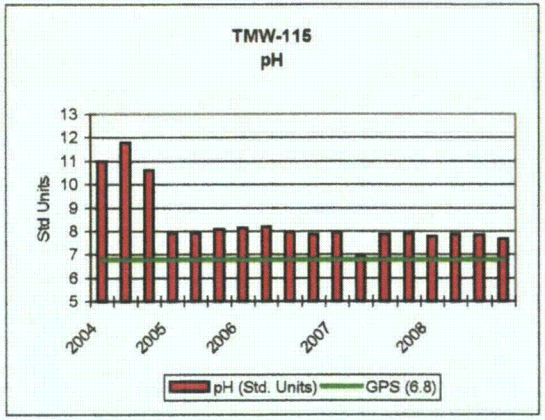

TMW-113
TDS
mg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
2004
2005
2006
2007
2008
TDS @ 180° C.
GPS (500)

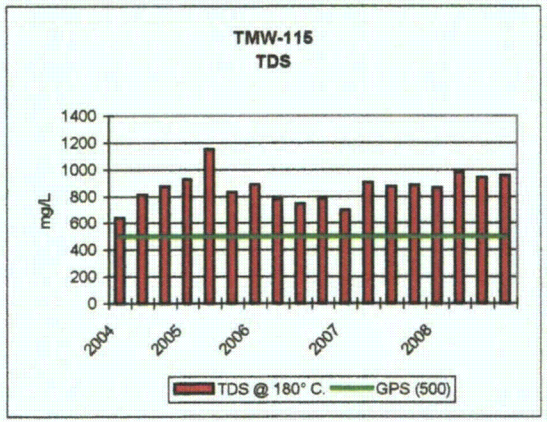

TMW-113
Uranium, Natural
pCi/L
180
160
140
120
100
80
60
40
20
0
2004
2005
2006
2007
2008
Uranium, Natural
GPS (36)

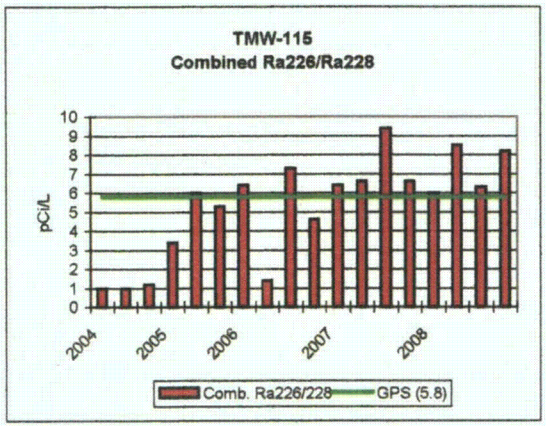

TMW-113
Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
2004
2005
2006
2007
2008
Manganese (Mn)
GPS (0.2)

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:	Groundwater																		
324,199.79	Protection	2004					2006				2007				2008				
ND = Non-detectable	Standard	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