Diesel Excavation
Monitor Wells

Background Radionuclide Sample Locations – West End Diesel Contaminated Soil Excavation

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-002
Client Sample ID: S.W. Corner Diesel Excavation at Bench 1

Report Date: 12/12/06
Collection Date: 11/16/06 10:25
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	4.5	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	18.3	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	12.7	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	11/20/06 09:30 / db

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-002
Client Sample ID: S.W. Corner Diesel Excavation at Bench 1

Report Date: 12/12/06
Collection Date: 11/16/06 10:25
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	63	mg/kg-dry		10		SW6010B	11/21/06 11:25 / trs
PHYSICAL PROPERTIES							
Moisture	4.5	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.93	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	43.3	mg/kg-dry	D	0.03		SW6020	11/21/06 13:11 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	6.4	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	1.2	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/20/06 23:46 / bah
Surr: o-Terphenyl	91.0	%REC			60-130	SW8015M as	11/20/06 23:46 / bah

Report Definitions:
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-003
Client Sample ID: Diesel Excavtion North Wall West End Bottom Redox 2

Report Date: 12/12/06
Collection Date: 11/17/06 10:39
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	3.1	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	4.6	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.1	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	4.4	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.1	pCi/g-dry				E901.1	11/20/06 09:30 / db

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-003
Client Sample ID: Diesel Excavation North Wall West End Bottom Redox 2

Report Date: 12/12/06
Collection Date: 11/16/06 10:39
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	94	mg/kg-dry		10		SW6010B	11/21/06 11:29 / trs
PHYSICAL PROPERTIES							
Moisture	3.1	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.45	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	17.5	mg/kg-dry	D	0.03		SW6020	11/21/06 13:18 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	5.9	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	1.3	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/21/06 00:32 / bah
Surr: o-Terphenyl	88.0	%REC			60-130	SW8015M as	11/21/06 00:32 / bah

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-004
Client Sample ID: Diesel Excavtion South Wall at Bottom 3

Report Date: 12/12/06
Collection Date: 11/16/06 11:00
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	11.8	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	20.2	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.9	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	16.5	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	11/20/06 09:30 / db

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-004
Client Sample ID: Diesel Excavation South Wall at Bottom 3

Report Date: 12/12/06
Collection Date: 11/16/06 11:00
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	321	mg/kg-dry		10		SW6010B	11/21/06 11:32 / trs
PHYSICAL PROPERTIES							
Moisture	11.8	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.10	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	9.85	mg/kg-dry	D	0.04		SW6020	11/21/06 13:55 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	1.7	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	0.7	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/21/06 01:18 / bah
Surr: o-Terphenyl	88.0	%REC			60-130	SW8015M as	11/21/06 01:18 / bah

Report Definitions:
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D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
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LABORATORY ANALYTICAL REPORT

Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110792-001
Client Sample ID: Diesel Excavation South Wall Center/Bottom 4

Report Date: 12/12/06
Collection Date: 11/16/06 10:43
DateReceived: 11/17/06
Matrix: Soil

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Sulfate	81	mg/kg-dry		10		SW6010B	11/21/06 11:22 / trs
PHYSICAL PROPERTIES							
Moisture	7.4	%		0.1		USDA26	11/22/06 08:45 / dj
pH, 1:10	8.56	s.u.		0.01		ASA10-3	11/20/06 12:33 / mb
METALS - TOTAL							
Uranium	16.4	mg/kg-dry	D	0.03		SW6020	11/21/06 13:03 / bws
RADIONUCLIDES - TOTAL							
Thorium 230	0.7	pCi/g-dry		0.1		E907.0	11/30/06 15:00 / df
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	11/30/06 15:00 / df
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Oil Range Hydrocarbons (C28-C40+)	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Total Extractable Hydrocarbons	ND	mg/kg		10		SW8015M as	11/20/06 23:00 / bah
Surr: o-Terphenyl	96.0	%REC			60-130	SW8015M as	11/20/06 23:00 / bah

Report Definitions:
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QCL - Quality control limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. * 2393 Salt Creek Highway (82601) * PO Box 3258 * Casper, WY 82602

LABORATORY ANALYTICAL REPORT

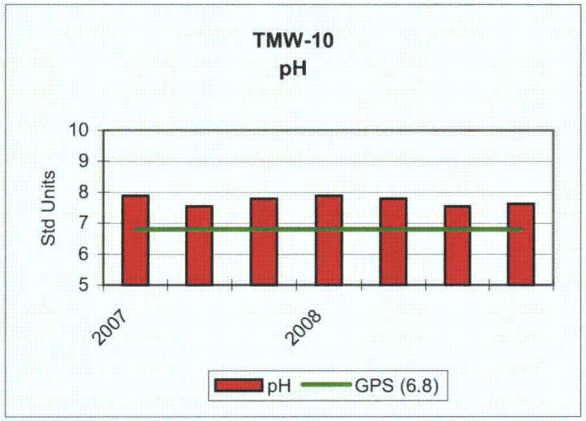
Client: Kennecott Uranium Company
Project: Sweetwater Uranium
Lab ID: C06110788-001
Client Sample ID: Diesel Excavation South Wall Center/Bottom 4

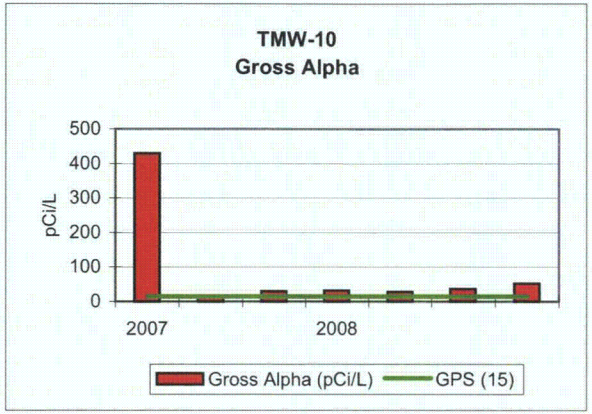
Report Date: 12/12/06
Collection Date: 11/16/06 10:43
DateReceived: 11/17/06
Matrix: Soil

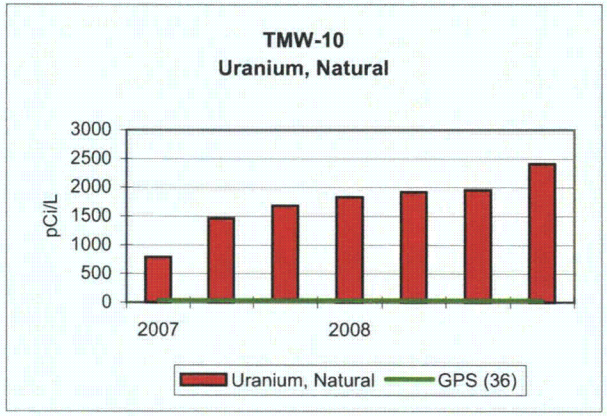
Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Moisture	7.4	%		0.1		USDA26	11/22/06 08:45 / dj
RADIONUCLIDES - GAMMA, FINAL							
Radium 226	6.0	pCi/g-dry		1.0		E901.1	12/04/06 08:50 / db
Radium 226 precision (±)	1.3	pCi/g-dry				E901.1	12/04/06 08:50 / db
RADIONUCLIDES - GAMMA, INITIAL							
Radium 226	5.0	pCi/g-dry		1.0		E901.1	11/20/06 09:30 / db
Radium 226 precision (±)	1.3	pCi/g-dry				E901.1	11/20/06 09:30 / db

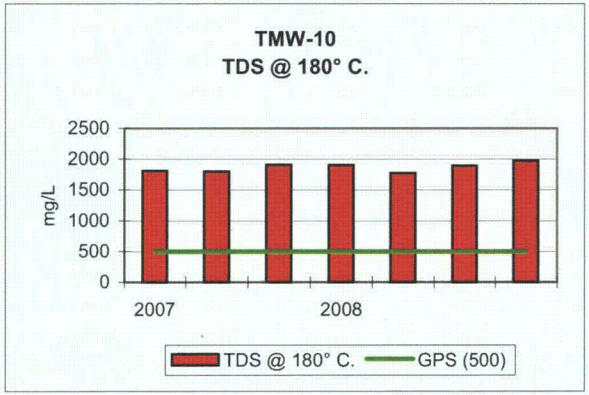
Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

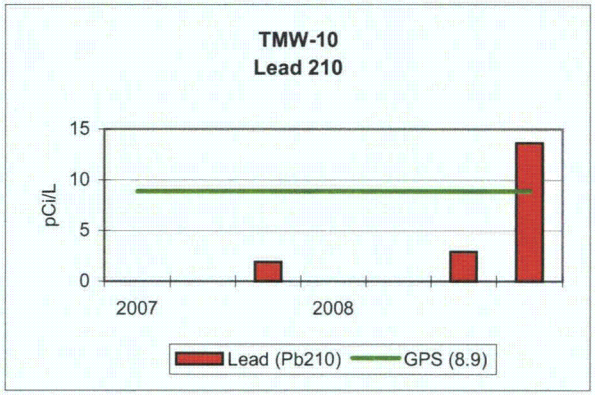
KENNECOTT URANIUM COMPANY								
TMW-10		2007			2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	8/21/2007	9/5/2007	12/5/2007	2/13/2008	4/1/2008	8/11/2008	11/18/2008
TDS A/C Balance *(dec. %)*		1.05	0.97	1.11	2.29	1.43	1.49	0.989
Silver (Ag)		<0.01	<0.01	<0.01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

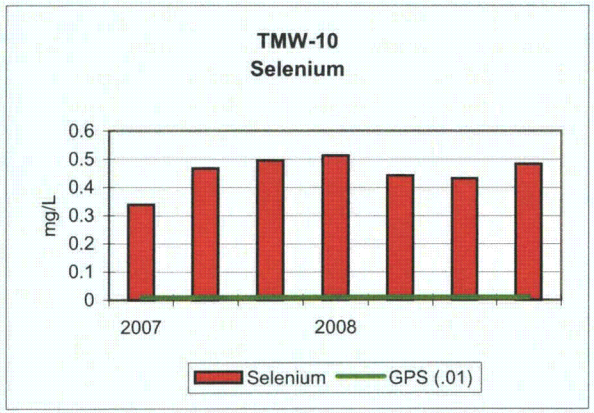

TMW-10
pH
Std Units
10
9
8
7
6
5
2007
2008
pH
GPS (6.8)

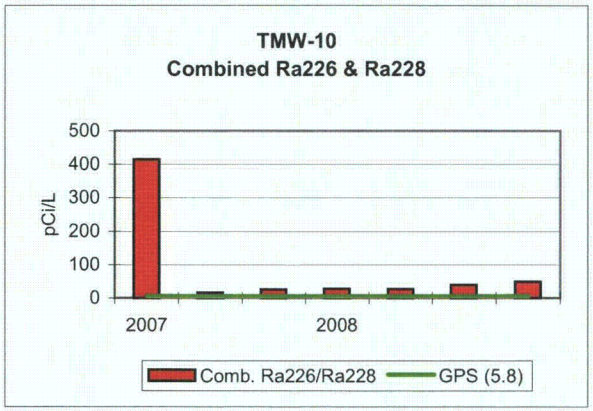

TMW-10
Gross Alpha
pCi/L
500
400
300
200
100
0
2007
2008
Gross Alpha (pCi/L)
GPS (15)


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


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

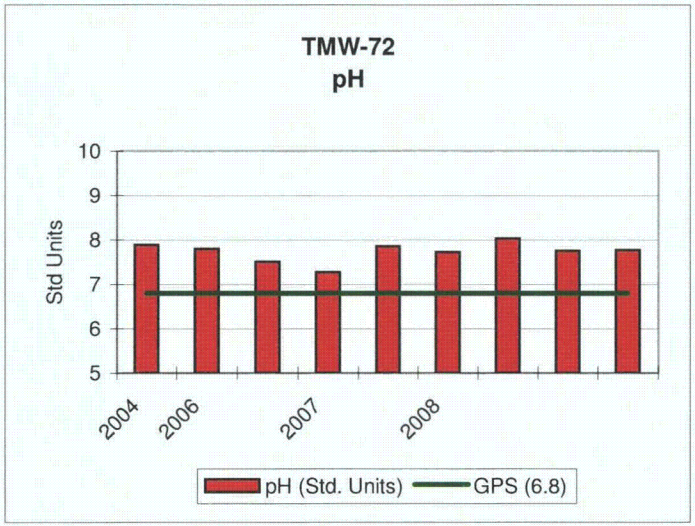

TMW-10
Lead 210
pCi/L
15
10
5
0
2007
2008
Lead (Pb210)
GPS (8.9)

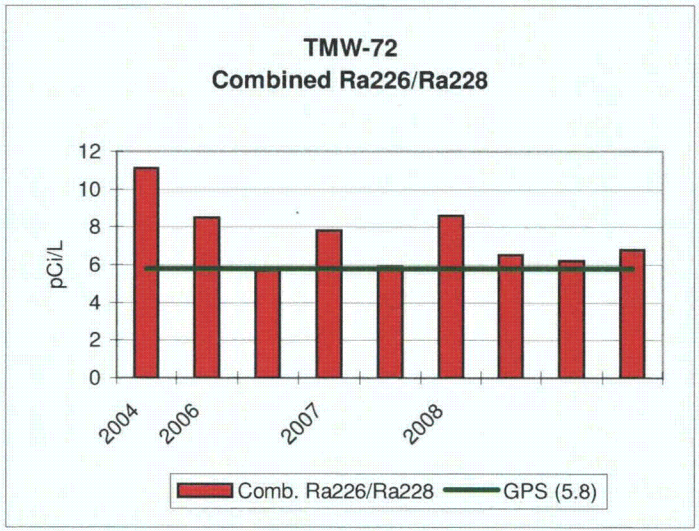

TMW-10
Selenium
mg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
2007
2008
Selenium
GPS (.01)

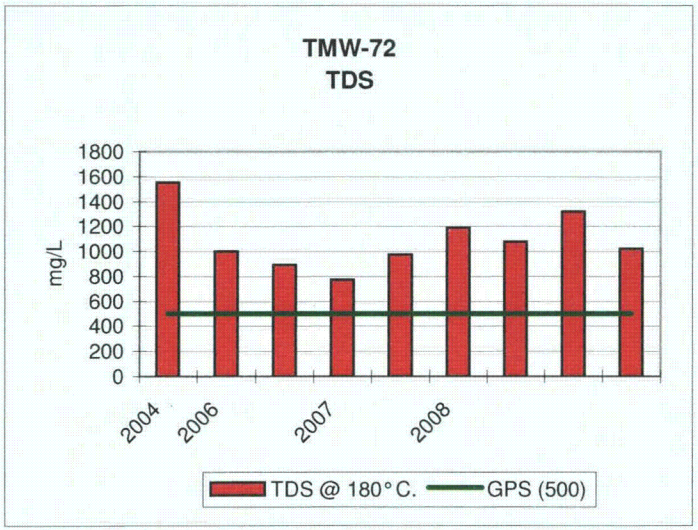

TMW-10
Combined Ra226 & Ra228
pCi/L
500
400
300
200
100
0
2007
2008
Comb. Ra226/Ra228
GPS (5.8)

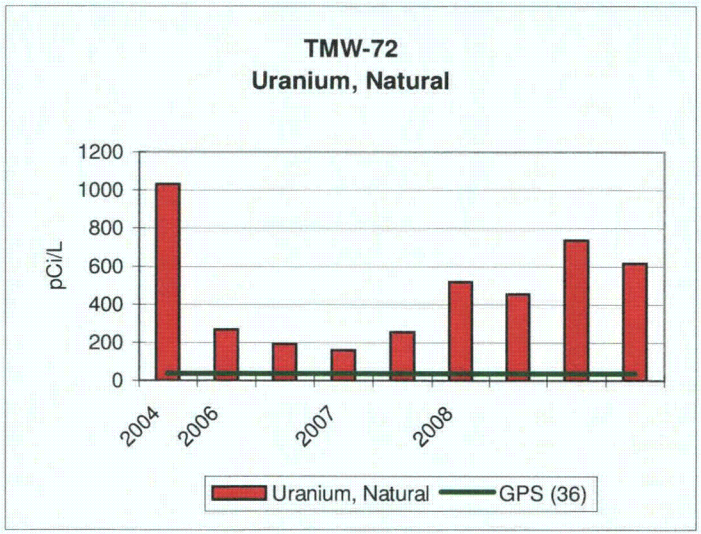
Kennecott Uranium Company		Collected				
Sweetwater Uranium Project		in uncased				
TMW-10		hole				
Northing: 149145.59 Easting: 323037.81	Groundwater Protection	8/21/07	9/5/07	2/13/08	8/11/2008	11/18/08
ORGANICS mg/L:						
Diesel Range Organics (DRO)	GPS 10 (3)	ND	ND	ND	ND	ND
Gasoline Range Organics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

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


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


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


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


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

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

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

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

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

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

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

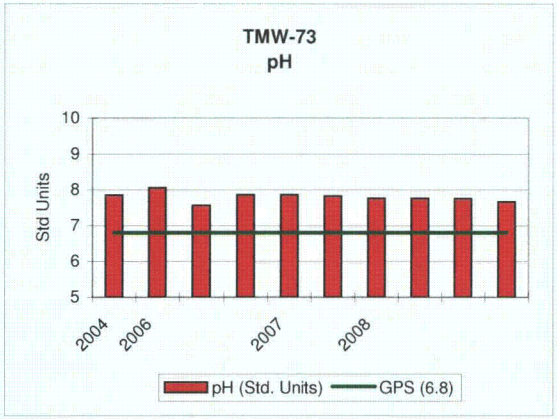
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	TMW-72										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	Environmental Protection Agency (EPA) Maximum Contaminant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

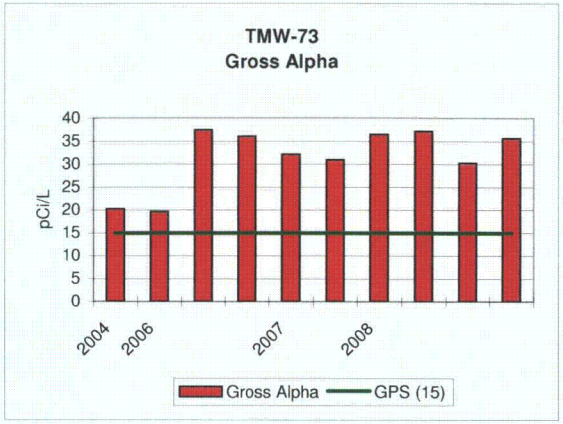
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	TMW-72										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	Environmental Protection Agency (EPA) Maximum Contaminant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

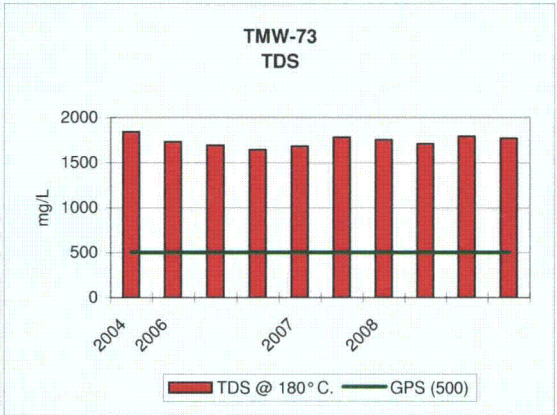
Kennecott Uranium Company											
Sweetwater Uranium Project											
Hydrocarbon Analysis Data											
Monitor Well:	**TMW-72**										
Northing:	149020.470										
Easting:	322997.150										
Elevation:	6640.350										
Constituent	**Environmental Protection Agency (EPA) Maximum Contaminant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

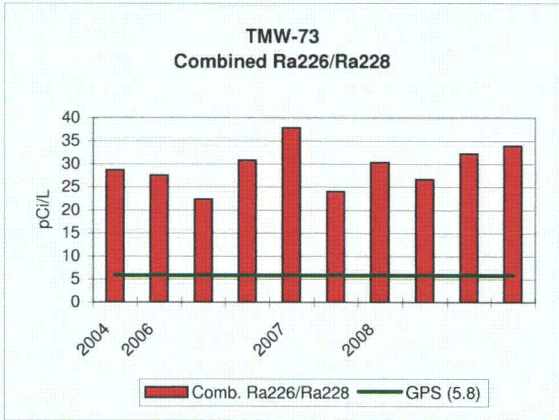
Kennecott Uranium Company				
Sweetwater Uranium Project				
Hydrocarbon Analysis Data				
Monitor Well:	TMW-72			
Northing:	149020.470			
Easting:	322997.150			
Elevation:	6640.350			
Constituent	Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for Drinking Water	WDEQ Drinking Water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

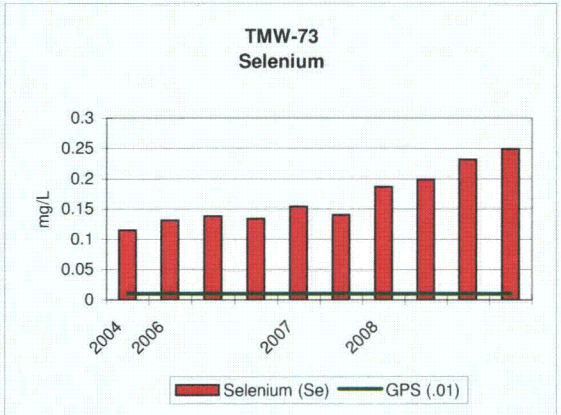
KENNECOTT URANIUM COMPANY											
TMW-73		2004	2006			2007		2008			
PARAMETER *(mg/L unless noted)*	Groundwater Protection Standard (GPS) as of 5/26/05	1/12/2004	1/11/2006	10/26/2006	11/8/2006	1/10/2007	4/3/2007	1/13/2008	4/7/2008	7/15/2008	10/5/2008
TDS A/C Balance *(dec. %)*		1.2	1.13	1.04	1.11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

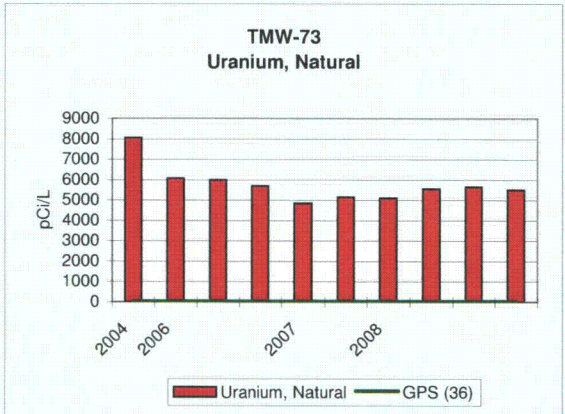

TMW-73
pH
Std Units
10
9
8
7
6
5
2004
2006
2007
2008
pH (Std. Units)
GPS (6.8)


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


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


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


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


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

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

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

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

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

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

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

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

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

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

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

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

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