

SURFACE WATER QUALITY SITES
STATISTICS

BVC01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	11	11	-0.32227	2.983055	-2.7075	0.05	1.6525	-4.61	4.51
alkalinity-total as caco3 (mg/l)	5	12	12	152.6667	48.282	112	158	192	78	214
aluminum-dissolved (mg/l)	0.1	8	0	0.05	7.42E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	8	6	13.125	34.84933	0.15	0.3	2.4	0.05	99.3
ammonia (mg/l)	1	7	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	12	12	45.99333	26.5693	17.4	51.05	61.65	9.42	95.3
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	8	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	10	6	0.0062	0.014729	0.001	0.002	0.002	0.0005	0.048
bacteria, fecal coliform (cfu/100ml)	2	11	8	767.5455	1796.473	3	30	74	1	5700
barium-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	11	1	0.145455	0.316587	0.1	0.05	0.1	0.05	1.1
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	10	10	177	63.18755	137	176.5	239	85	261
boron-dissolved (mg/l)	0.1	7	7	0.314286	0.146385	0.2	0.3	0.375	0.2	0.6
boron-total (mg/l)	0.2	12	6	0.2175	0.140268	0.2	0.155	0.3	0.1	0.5
cadmium-dissolved (mg/l)	0.005	7	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	9	9	362.3889	125.6806	312.5	379	451.25	75.5	499
calcium-total (mg/l)	1	8	8	233.8	174.1129	70.7	213.5	371.5	53	506
carbonate as co3 (mg/l)	5	12	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	10	10	44.873	28.56119	15.9	50.75	65.6	9.43	90.3
chloride (mg/l)	1	11	11	449.8182	487.6302	104	158	940.5	24	1370
chromium-dissolved (mg/l)	0.05	7	0	0.025	3.75E-18	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	8	8	0.005	0	0.005	0.005	0.005	0.005	0.005
chromium-total (mg/l)	0.05	10	1	0.0415	0.052178	0.05	0.025	0.05	0.025	0.19
chromium-trivalent (mg/l)	0.01	8	0	0.005	0	0.01	0.005	0.01	0.005	0.005
conductivity (field, umhos/cm)	N/A	10	10	3680.3	2308.346	1718	3473	5650	860	7678

BVC01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	11	11	3802.545	2119.693	1680	4380	5290	908	7290
copper-dissolved (mg/l)	0.01	9	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	1	0.014545	0.031659	0.01	0.005	0.01	0.005	0.11
dissolved oxygen (field, mg/l)	N/A	10	10	10.787	1.853987	10.07	11.04	12.2	6.86	13.57
do meter charge	N/A	9	9	46.13333	8.139717	40.75	44.1	54.05	33.9	57.4
flow/discharge (cfs)	N/A	5	5	1.55	2.068923	0	1.101	2.47175	0	5.03
fluoride (mg/l)	0.1	12	11	0.445833	0.238802	0.25	0.45	0.6	0.05	0.9
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	11	11	17.95455	17.13122	7.55	12.6	18	5.9	65.8
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	11	9	11.60909	12.104	3.05	10.3	14.2	1	44.4
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	8	1	148.75	392.4443	0	10	20	10	1120
iron-dissolved (mg/l)	0.03	9	1	0.033333	0.055	0.03	0.015	0.03	0.015	0.18
iron-total (mg/l)	0.03	11	11	13.04091	41.12064	0.26	0.48	0.6475	0.05	137
lead 210-dissolved (pci/l)	1	6	1	1.183333	1.673818	1	0.5	1	0.5	4.6
lead 210-suspended (pci/l)	1	7	3	3.528571	5.420552	1	0.5	4.05	0.5	15.3
lead 210-total (pci/l)	1	5	3	4.8	5.518605	1	4.4	6.95	0.5	14
lead-dissolved (mg/l)	0.001	8	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	10	2	0.0094	0.027621	0.001	0.0005	0.001	0.0005	0.088
magnesium-dissolved (mg/l)	0.5	8	8	121.4	52.36706	112	125.5	135	17.2	209
magnesium-total (mg/l)	0.5	8	8	81.3875	49.37572	28.75	90.4	127.5	27.8	130
manganese-dissolved (mg/l)	0.01	9	8	0.262778	0.310595	0.0575	0.08	0.4225	0.005	0.83
manganese-total (mg/l)	0.01	11	11	0.464545	0.558415	0.12	0.18	0.8175	0.09	1.82
mercury-dissolved (mg/l)	0.001	8	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.0001	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	7	0	0.05	7.49E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05

BVC01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	8	0	0.025	3.71E-18	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	11	1	0.036364	0.037689	0.05	0.025	0.05	0.025	0.15
nitrogen, nitrate as n (mg/l)	0.1	10	2	0.14	0.195505	0.1	0.05	0.1	0.05	0.6
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	11	11	8.098182	0.397563	7.7875	8.09	8.265	7.68	8.8
ph (field)	N/A	9	9	8.33	0.368171	8.085	8.2	8.6525	7.94	8.91
polonium 210-dissolved (pci/l)	1	6	2	1.083333	0.930412	1	0.5	1.9	0.5	2.6
polonium 210-suspended (pci/l)	1	5	3	1.58	1.143241	1	1.4	2.625	0.5	3
polonium 210-total (pci/l)	1	6	5	2.466667	1.376469	1.4	2.6	3.3	0.5	4.4
potassium-dissolved (mg/l)	0.5	8	8	9.25	3.370036	6.5	9	11.5	5	15
potassium-total (mg/l)	0.5	8	8	13.4625	9.944695	9.15	11.15	12.2	5.3	37.4
radium 226-dissolved (pci/l)	0.2	10	2	0.3625	0.665341	0.04	0.1	0.25	0.1	2
radium 226-suspended (pci/l)	0.2	9	2	0.466667	0.992472	-0.175	0.1	0.25	0.1	3.1
radium 226-total (pci/l)	0.2	10	1	0.6	1.581139	0.1	0.1	0.2	0.1	5.1
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	8	3	0.001563	0.001678	0.001	0.0005	0.0025	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	8	1	0.000688	0.00053	0.001	0.0005	0.001	0.0005	0.002
selenium-iv-total (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	10	2	0.0014	0.000843	0.001	0.001	0.002	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	8	2	0.001	0.000964	0.001	0.0005	0.0015	0.0005	0.003
selenium-vi-total (mg/l)	0.001	8	1	0.000813	0.000884	0.001	0.0005	0.001	0.0005	0.003
silica-dissolved (mg/l)	0.5	9	9	5.744444	4.780719	1.975	2.9	11	1	13
silica-total (mg/l)	0.5	8	8	13.1375	16.22555	4.3	7.2	13.75	2.7	51.9
silver-dissolved (mg/l)	0.005	8	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
silver-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	8	8	7.475	4.126482	3.6	8.35	10.5	1.9	13
sodium-dissolved (mg/l)	0.8	8	8	652.75	398.7146	297	740.5	907	93	1240

BVC01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	0.5	8	8	430.625	327.5759	202	252.5	767.5	99	902
solids-suspended sediment ssc @ 105 c (mg/l)	5	11	11	871.8182	1881.856	14.5	20	56	11	4840
solids-total dissolved calculated (mg/l)	5	10	10	2851.6	1825.551	1090	3220	4070	609	5860
solids-total dissolved tds @ 180 c (mg/l)	5	11	11	3006.364	1802.122	1125	3500	4225	620	6100
solids-total suspended tss @ 105 c (mg/l)	5	11	10	444.0455	1378.64	12	20	46	2.5	4600
staff gages (feet)	N/A	2	2	10.465	0.13435	10.37	10.465	10.56	10.37	10.56
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	10	10	1351.9	858.9572	511	1440	2180	317	2540
tds balance (0.80 - 1.20) (dec.%)	N/A	11	11	1.035455	0.052605	0.995	1.04	1.07	0.96	1.14
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	8	1	0.125	0.070711	0.05	0.1	0.2	0.1	0.3
thorium 230-suspended (pci/l)	0.2	10	4	0.59	1.023556	0.2	0.1	0.7	0.1	3.4
thorium 230-total (pci/l)	0.2	7	4	0.785714	1.206135	0.2	0.3	0.925	0.1	3.4
thorium 232-dissolved (mg/l)	0.005	8	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	10	1	0.00175	0.003953	0.001	0.0005	0.001	0.0005	0.013
thorium 232-total (mg/l)	0.005	9	1	0.006667	0.0125	0.005	0.0025	0.005	0.0025	0.04
turbidity (ntu)	N/A	10	10	220.94	559.2031	6.4	10.2	53	1.7	1790
uranium-dissolved (mg/l)	0.003	10	9	0.01242	0.006712	0.0092	0.01245	0.0134	0.0015	0.0269
uranium-suspended (mg/l)	0.0003	11	3	0.000509	0.000889	0.0003	0.00015	0.000375	0.00015	0.0031
uranium-total (mg/l)	0.0003	11	11	0.0121	0.006258	0.008125	0.0113	0.014125	0.004	0.0262
vanadium-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	11	1	0.081818	0.105529	0.1	0.05	0.1	0.05	0.4
water temperature (field, deg c)	N/A	10	10	11.273	10.10739	0.18	12.495	16.74	-0.08	27.57
zinc-dissolved (mg/l)	0.01	7	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	11	3	0.057273	0.160318	0.01	0.005	0.0175	0.005	0.54

BVC04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	10	10	-0.2811	4.601435	-3.55	-1.83	1.72	-6.02	9.39
alkalinity-total as CaCO_3 (mg/l)	5	11	11	144	47.06591	107	148	183.5	80	220
aluminum-dissolved (mg/l)	0.1	10	0	0.05	7.31E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	9	8	8.55	19.95041	0.5	0.7	4.475	0.05	61.3
ammonia (mg/l)	1	9	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	12	12	48.93	30.75789	26.35	44.15	79.25	7.96	94.5
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	10	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	10	6	0.004	0.006807	0.001	0.0025	0.003	0.0005	0.023
bacteria, fecal coliform (cfu/100ml)	2	11	9	166	357.5682	5.5	32	98	1	1200
barium-dissolved (mg/l)	0.1	10	0	0.05	7.31E-18	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	10	1	0.095	0.142302	0.1	0.05	0.1	0.05	0.5
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	10	10	178.7	59.51106	129	191	227	98	268
boron-dissolved (mg/l)	0.1	9	8	0.316667	0.173205	0.2	0.3	0.425	0.05	0.6
boron-total (mg/l)	0.2	11	5	0.254545	0.186353	0.2	0.1	0.4	0.1	0.6
cadmium-dissolved (mg/l)	0.005	9	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	9	9	337.7222	136.9806	272.25	382	450.5	51.5	463
calcium-total (mg/l)	1	7	7	248.5857	164.747	97.475	217	378	77.8	508
carbonate as CO_3 (mg/l)	5	10	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	11	11	49.57091	28.0621	27.575	48.8	76.85	7.68	87.1
chloride (mg/l)	1	12	12	691.3333	581.8207	253	482.5	1175	9	1730
chromium-dissolved (mg/l)	0.05	10	0	0.025	3.66E-18	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	8	8	0.005	0	0.005	0.005	0.005	0.005	0.005
chromium-total (mg/l)	0.05	12	1	0.029583	0.015877	0.05	0.025	0.05	0.025	0.08
chromium-trivalent (mg/l)	0.01	10	0	0.005	9.14E-19	0.01	0.005	0.01	0.005	0.005

BVC04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	4261.636	2229.441	2266.75	4712	6016.75	733	7186
conductivity @ 25 c (umhos/cm)	5	11	11	3882.545	2595.627	1677.5	3310	6637.5	514	7540
copper-dissolved (mg/l)	0.01	10	0	0.005	9.14E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	1	0.010909	0.019598	0.01	0.005	0.01	0.005	0.07
dissolved oxygen (field, mg/l)	N/A	11	11	10.83818	2.350063	9.775	11.37	12.37	6.54	13.74
do meter charge	N/A	8	8	46.8875	10.88517	40.5	44.05	51.75	33.9	68.6
flow/discharge (cfs)	N/A	5	5	3.6126	5.166381	0.36975	0.899	6.33525	0	12.336
fluoride (mg/l)	0.1	11	8	0.345455	0.222996	0.15	0.4	0.4875	0.05	0.7
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	11	11	14.69091	10.01963	7.45	12.5	21.825	2.3	34.7
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	10	8	12.8	13.60784	2.8	12.3	14	1	48.1
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	9	2	250	476.2615	0	10	285	10	1100
iron-dissolved (mg/l)	0.03	8	2	0.02125	0.011573	0.03	0.015	0.035	0.015	0.04
iron-total (mg/l)	0.03	10	10	7.326	19.61626	0.39	1.04	2.48	0.19	63.1
lead 210-dissolved (pci/l)	1	6	2	5.033333	10.29401	1	0.5	2.2	0.5	26
lead 210-suspended (pci/l)	1	6	2	2.1	3.24037	1	0.5	2	0.5	8.6
lead 210-total (pci/l)	1	4	3	17.675	18.88092	1.6	17.6	34	0.5	35
lead-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	11	5	0.005909	0.013811	0.001	0.0005	0.00275	0.0005	0.047
magnesium-dissolved (mg/l)	0.5	9	9	121.6111	62.03202	89.075	124	172.5	13.2	210
magnesium-total (mg/l)	0.5	6	6	83.71667	56.18236	32.8	79.35	125	24.8	161
manganese-dissolved (mg/l)	0.01	9	8	0.143889	0.174209	0.035	0.09	0.19	0.005	0.55
manganese-total (mg/l)	0.01	10	10	0.397	0.398471	0.1	0.295	0.51	0.05	1.34
mercury-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.0001	0.0005	0.001	0.0005	0.0005

BVC04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	11	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	9	0	0.025	3.68E-18	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	11	1	0.03	0.016583	0.05	0.025	0.05	0.025	0.08
nitrogen, nitrate as n (mg/l)	0.1	12	6	0.225	0.192472	0.1	0.175	0.4	0.05	0.5
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	12	12	7.985833	0.221748	7.84	7.955	8.115	7.71	8.48
ph (field)	N/A	11	11	8.094545	0.391851	7.77	8.12	8.3525	7.52	8.82
polonium 210-dissolved (pci/l)	1	6	3	1.266667	1.005319	1	0.9	1.8	0.5	3
polonium 210-suspended (pci/l)	1	6	4	1.883333	1.281275	1	1.85	2.9	0.5	3.7
polonium 210-total (pci/l)	1	4	4	2.875	0.822091	2.35	2.95	3.4	1.8	3.8
potassium-dissolved (mg/l)	0.5	9	9	6.888889	1.964971	5	6	9	5	10
potassium-total (mg/l)	0.5	6	6	11.66667	5.140298	9.7	10.05	14.4	5.4	20.4
radium 226-dissolved (pci/l)	0.2	9	1	0.144444	0.133333	0.075	0.1	0.2	0.1	0.5
radium 226-suspended (pci/l)	0.2	9	5	0.788889	0.940006	0.2	0.3	1.225	0.1	2.5
radium 226-total (pci/l)	0.2	10	6	0.54	0.646701	0.2	0.3	0.7	0.1	2.2
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	10	6	0.0021	0.00163	0.001	0.002	0.003	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	8	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	8	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	11	2	0.001455	0.001036	0.001	0.001	0.002	0.001	0.004
selenium-vi-dissolved (mg/l)	0.001	9	3	0.001333	0.001346	0.001	0.0005	0.00225	0.0005	0.004
selenium-vi-total (mg/l)	0.001	10	3	0.00125	0.001296	0.001	0.0005	0.002	0.0005	0.004
silica-dissolved (mg/l)	0.5	10	10	6.22	4.464129	2.6	5.65	9.1	1	14.1
silica-total (mg/l)	0.5	6	6	22.75	27.19197	7.9	14.2	16.6	6	77.6
silver-dissolved (mg/l)	0.005	8	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

BVC04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	8	8	6.675	3.616925	3.55	6.25	9.7	2.4	12
sodium-dissolved (mg/l)	0.8	8	8	682.75	403.6461	319.5	739.5	1047.5	89	1160
sodium-total (mg/l)	0.5	7	7	438.5714	352.4353	210.25	277	678.5	96	1070
solids-suspended sediment ssc @ 105 c (mg/l)	5	11	11	849	1827.266	28	86	283.5	11	5820
solids-total dissolved calculated (mg/l)	5	12	12	3025.917	1818.364	1705	2870	4725	516	5700
solids-total dissolved tds @ 180 c (mg/l)	5	10	10	3423	1883.531	1800	3500	5100	520	5800
solids-total suspended tss @ 105 c (mg/l)	5	10	10	266.1	681.0941	16	39.5	100	10	2200
staff gages (feet)	N/A	2	2	7.0075	0.16617	6.89	7.0075	7.125	6.89	7.125
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	11	11	1383.818	801.714	725.5	1450	1905	286	2670
tds balance (0.80 - 1.20) (dec.%)	N/A	11	11	1.04	0.059833	0.995	1.02	1.105	0.96	1.12
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	8	1	0.3	0.565685	0.05	0.1	0.2	0.1	1.7
thorium 230-suspended (pci/l)	0.2	9	4	0.577778	0.839312	0.2	0.1	0.725	0.1	2.1
thorium 230-total (pci/l)	0.2	8	4	0.5375	0.704957	0.2	0.2	0.75	0.1	2.1
thorium 232-dissolved (mg/l)	0.005	10	0	0.0025	4.57E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	10	1	0.00135	0.002688	0.001	0.0005	0.001	0.0005	0.009
thorium 232-total (mg/l)	0.005	9	1	0.004556	0.006167	0.005	0.0025	0.005	0.0025	0.021
turbidity (ntu)	N/A	9	9	236.1333	564.6181	11.775	16.8	116.125	2.9	1730
uranium-dissolved (mg/l)	0.003	9	8	0.012522	0.006758	0.007225	0.014	0.0171	0.0015	0.023
uranium-suspended (mg/l)	0.0003	11	3	0.000482	0.00066	0.0003	0.00015	0.000525	0.00015	0.0021
uranium-total (mg/l)	0.0003	11	11	0.0121	0.006149	0.007	0.0135	0.016275	0.003	0.0239
vanadium-dissolved (mg/l)	0.1	8	0	0.05	7.42E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	12	1	0.0625	0.043301	0.1	0.05	0.1	0.05	0.2
water temperature (field, deg c)	N/A	11	11	12.37727	10.84489	1.25	10.78	23.09	-0.1	28.06
zinc-dissolved (mg/l)	0.01	8	0	0.005	0	0.01	0.005	0.01	0.005	0.005

BVC04										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	11	3	0.033636	0.079155	0.01	0.005	0.0175	0.005	0.27

CHR01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	8	8	-0.54029	3.426993	-3.15	-0.447	0.75085	-4.68	6.05
alkalinity-total as CaCO_3 (mg/l)	5	10	10	228.6	87.6105	196	248	310	80	322
aluminum-dissolved (mg/l)	0.1	6	0	0.05	7.6E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	6	4	18.15	37.65233	0.1	2.85	8.4	0.05	94.7
ammonia (mg/l)	1	6	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	9	9	62.83444	37.39327	27.925	83.7	92.525	3.51	105
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	9	6	0.004278	0.007492	0.001	0.002	0.00325	0.0005	0.024
bacteria, fecal coliform (cfu/100ml)	2	9	7	264	690.2672	3.5	16	94.5	1	2100
barium-dissolved (mg/l)	0.1	6	0	0.05	7.6E-18	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	9	1	0.133333	0.25	0.1	0.05	0.1	0.05	0.8
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	9	9	282.5556	112.5668	205	302	381	98	393
boron-dissolved (mg/l)	0.1	6	4	0.183333	0.112546	0.1	0.2	0.3	0.05	0.3
boron-total (mg/l)	0.2	9	3	0.215556	0.18622	0.175	0.1	0.355	0.1	0.6
cadmium-dissolved (mg/l)	0.005	6	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	9	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	6	6	254.1167	159.7507	155	265.5	398	29.7	411
calcium-total (mg/l)	1	7	7	237	120.9201	163.75	186	360.5	62	366
carbonate as CO_3 (mg/l)	5	8	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	9	9	61.32333	36.25166	30.4	83.1	86.6	3.61	104
chloride (mg/l)	1	10	10	123.8	69.37307	74	131.5	166	2	249
chromium-dissolved (mg/l)	0.05	6	0	0.025	3.8E-18	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	6	6	0.005	0	0.005	0.005	0.005	0.005	0.005
chromium-total (mg/l)	0.05	9	1	0.043333	0.055	0.05	0.025	0.05	0.025	0.19
chromium-trivalent (mg/l)	0.01	6	0	0.005	0	0.01	0.005	0.01	0.005	0.005

CHR01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	8	8	4521.625	2405.695	3396	4037.5	6554.5	350	7847
conductivity @ 25 c (umhos/cm)	5	8	8	4887.125	2765.054	2315	6515	6770	367	7530
copper-dissolved (mg/l)	0.01	6	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	9	1	0.015556	0.031667	0.01	0.005	0.01	0.005	0.1
dissolved oxygen (field, mg/l)	N/A	8	8	8.6325	3.347296	6.47	7.99	11.66	3.74	13.08
do meter charge	N/A	6	6	46.81667	7.068923	44.1	47.15	53.3	34.9	54.3
flow/discharge (cfs)	N/A	7	7	0.000286	0.000756	0	0	0	0	0.002
fluoride (mg/l)	0.1	9	7	0.322222	0.197027	0.25	0.3	0.4	0.05	0.7
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	10	10	21.97	11.46483	15.9	21.95	33.8	5.1	35.3
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	10	7	12.91	9.700452	2	17.05	21.9	1	22.1
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	6	1	186.6667	432.7432	0	10	20	10	1070
iron-dissolved (mg/l)	0.03	6	2	0.028333	0.020897	0.03	0.015	0.05	0.015	0.06
iron-total (mg/l)	0.03	9	9	11.59667	28.90035	0.58	0.95	4.5225	0.15	88.3
lead 210-dissolved (pci/l)	1	4	1	1.175	1.35	0.75	0.5	2.1	0.5	3.2
lead 210-suspended (pci/l)	1	4	1	1.475	1.95	1	0.5	2.7	0.5	4.4
lead 210-total (pci/l)	1	3	1	2	2.598076	1	0.5	4	0.5	5
lead-dissolved (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	9	3	0.014667	0.038831	0.001	0.0005	0.00425	0.0005	0.118
magnesium-dissolved (mg/l)	0.5	6	6	112.6333	85.24791	36	120.4	189	9	201
magnesium-total (mg/l)	0.5	7	7	110.1714	65.67203	46.425	94	171.75	37.3	188
manganese-dissolved (mg/l)	0.01	6	5	1.089167	1.412191	0.04	0.365	2.75	0.005	3.01
manganese-total (mg/l)	0.01	9	9	1.085556	1.038546	0.31	0.68	1.5575	0.21	2.94
mercury-dissolved (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	11	0	0.0005	1.14E-19	0.0001	0.0005	0.001	0.0005	0.0005

CHR01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	6	0	0.05	7.6E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	10	0	0.05	7.31E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	6	0	0.025	3.8E-18	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	9	1	0.031111	0.018333	0.05	0.025	0.05	0.025	0.08
nitrogen, nitrate as n (mg/l)	0.1	10	2	0.12	0.147573	0.1	0.05	0.1	0.05	0.4
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	8	8	7.8925	0.258498	7.705	7.82	8.115	7.57	8.29
ph (field)	N/A	8	8	8.1025	0.294606	8.02	8.14	8.295	7.47	8.44
polonium 210-dissolved (pci/l)	1	4	2	1.075	0.665207	0.75	1.05	1.65	0.5	1.7
polonium 210-suspended (pci/l)	1	4	2	1.85	1.723369	1	1.4	3.2	0.5	4.1
polonium 210-total (pci/l)	1	3	2	3.033333	2.214347	1.75	4	4.45	0.5	4.6
potassium-dissolved (mg/l)	0.5	6	6	13.16667	7.626707	6	13.5	15	5	26
potassium-total (mg/l)	0.5	7	7	17.2	6.61337	13.65	17	21.325	6.7	27.4
radium 226-dissolved (pci/l)	0.2	6	2	0.2	0.167332	0.2	0.1	0.3	0.1	0.5
radium 226-suspended (pci/l)	0.2	7	3	0.885714	1.434606	-0.025	0.1	1.05	0.1	4
radium 226-total (pci/l)	0.2	7	3	0.942857	1.485325	0.125	0.1	1.275	0.1	4.1
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	6	1	0.00125	0.001837	0.001	0.0005	0.001	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	9	1	0.001222	0.000667	0.001	0.001	0.002	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	6	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	6	6	7.683333	4.119426	5.6	6.25	12.4	2.6	13
silica-total (mg/l)	0.5	7	7	22.45714	22.81029	7.425	8.6	38.575	6.3	63.5
silver-dissolved (mg/l)	0.005	6	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

CHR01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	10	0	0.0025	4.57E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	6	6	8.933333	5.6969	3.5	9.95	14	1.2	15
sodium-dissolved (mg/l)	0.8	6	6	786.3333	638.5179	189	805.5	1360	28	1530
sodium-total (mg/l)	0.5	7	7	693.5714	476.6196	270.5	665	1140	30	1180
solids-suspended sediment ssc @ 105 c (mg/l)	5	9	8	1298.278	2411.468	28	53	1528	2.5	6170
solids-total dissolved calculated (mg/l)	5	8	8	4281.125	2647.144	1670	5655	6170	219	7040
solids-total dissolved tds @ 180 c (mg/l)	5	8	8	4375	2627.737	1750	5800	6200	400	7100
solids-total suspended tss @ 105 c (mg/l)	5	9	9	564.8889	1443.428	11	54	182.5	8	4400
staff gages (feet)	N/A	4	4	10.1275	0.109049	10.045	10.11	10.21	10.02	10.27
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	9	9	2616.444	1689.832	960.5	3550	3992.5	86	4520
tds balance (0.80 - 1.20) (dec.%)	N/A	8	8	1.11875	0.293522	0.985	1.015	1.065	0.98	1.84
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	7	1	0.128571	0.075593	0.1	0.1	0.2	0.1	0.3
thorium 230-suspended (pci/l)	0.2	7	4	1.114286	1.368002	0.2	0.8	1.725	0.1	3.8
thorium 230-total (pci/l)	0.2	6	4	1.233333	1.45831	0.2	0.65	2.1	0.1	3.8
thorium 232-dissolved (mg/l)	0.005	6	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	8	2	0.003125	0.005823	0.001	0.0005	0.003	0.0005	0.017
thorium 232-total (mg/l)	0.005	8	1	0.007938	0.01538	0.005	0.0025	0.005	0.0025	0.046
turbidity (ntu)	N/A	8	8	239.5	630.1769	3.65	8.65	46.2	1	1798
uranium-dissolved (mg/l)	0.003	7	6	0.018814	0.013106	0.006275	0.0177	0.03095	0.0015	0.0324
uranium-suspended (mg/l)	0.0003	10	6	0.001	0.001161	0.0003	0.0006	0.0012	0.00015	0.0038
uranium-total (mg/l)	0.0003	8	8	0.021875	0.011129	0.01345	0.02185	0.0318	0.0043	0.0365
vanadium-dissolved (mg/l)	0.1	6	0	0.05	7.6E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	10	1	0.075	0.079057	0.1	0.05	0.1	0.05	0.3
water temperature (field, deg c)	N/A	8	8	15.4675	7.790382	10.195	14.16	21.175	5.68	27
zinc-dissolved (mg/l)	0.01	6	1	0.0075	0.006124	0.01	0.005	0.01	0.005	0.02

CHR01

Constituent	PQL	ⁿ Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	10	4	0.058	0.141974	0.01	0.005	0.02	0.005	0.46

CHR05

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	12	12	-0.98858	4.195871	-3.875	-0.809	2.22	-9.14	5.94
alkalinity-total as CaCO_3 (mg/l)	5	13	13	205.3846	75.80407	167	200	237	90	352
aluminum-dissolved (mg/l)	0.1	10	0	0.05	7.31E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	10	6	18.53	53.30446	0.1	0.3	5.3	0.05	170
ammonia (mg/l)	1	10	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	11	11	53.51545	27.86679	40.35	50.6	73.25	6.07	99.1
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	11	3	0.003636	0.0085	0.001	0.0005	0.0025	0.0005	0.029
bacteria, fecal coliform (cfu/100ml)	2	11	9	388.3636	1036.822	6.5	28	195	1	3500
barium-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	12	1	0.120833	0.245374	0.1	0.05	0.1	0.05	0.9
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	12	12	254.1667	95.42139	209.5	252.5	292.5	110	429
boron-dissolved (mg/l)	0.1	8	6	0.225	0.136277	0.15	0.2	0.35	0.05	0.4
boron-total (mg/l)	0.2	12	6	0.235833	0.15559	0.2	0.2	0.345	0.1	0.54
cadmium-dissolved (mg/l)	0.005	9	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	9	9	357.8111	175.0476	213.5	441	493	34.3	525
calcium-total (mg/l)	1	10	10	336.48	152.1968	254	364.5	430	70.8	526
carbonate as CO_3 (mg/l)	5	12	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	11	11	53.06818	27.87275	43.05	48.2	71.5	5.05	101
chloride (mg/l)	1	13	13	413.5385	274.2631	245.5	337	576.75	17	912
chromium-dissolved (mg/l)	0.05	9	0	0.025	3.68E-18	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	9	9	0.005444	0.001333	0.005	0.005	0.005	0.005	0.009
chromium-total (mg/l)	0.05	13	1	0.037692	0.045763	0.05	0.025	0.05	0.025	0.19
chromium-trivalent (mg/l)	0.01	8	0	0.005	0	0.01	0.005	0.01	0.005	0.005

CHR05

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	12	12	3955.417	1871.873	3205.5	3945	4937.5	510	6986
conductivity @ 25 c (umhos/cm)	5	12	12	4264.75	1884.512	3415	4355	5620	537	6910
copper-dissolved (mg/l)	0.01	10	0	0.005	9.14E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	1	0.013636	0.028644	0.01	0.005	0.01	0.005	0.1
dissolved oxygen (field, mg/l)	N/A	10	10	10.068	1.781927	8.85	10	11.14	7.63	12.92
do meter charge	N/A	8	8	44.3375	11.1336	36.45	41.5	54.3	29.8	60.4
flow/discharge (cfs)	N/A	4	4	1.054	2.041085	0.0045	0.0495	2.1035	0.002	4.115
fluoride (mg/l)	0.1	12	11	0.370833	0.132216	0.35	0.4	0.45	0.05	0.5
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	12	12	19.625	7.747038	16.2	19.6	25.25	4	29.9
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	13	10	11.45385	10.28734	4.1	10.2	14.05	1	38
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	8	3	274.6375	483.0544	20	10	503.55	10	1140
iron-dissolved (mg/l)	0.03	9	2	0.033889	0.045054	0.03	0.015	0.035	0.015	0.15
iron-total (mg/l)	0.03	11	11	10.94818	32.2584	0.1075	0.25	2.7675	0.06	108
lead 210-dissolved (pci/l)	1	6	2	2.416667	2.977527	1	0.5	5.9	0.5	6.6
lead 210-suspended (pci/l)	1	6	3	6.283333	8.744236	1	1.75	11.2	0.5	22
lead 210-total (pci/l)	1	5	3	8.18	9.065705	1	5.9	14.5	0.5	22
lead-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	11	3	0.011091	0.032846	0.001	0.0005	0.00175	0.0005	0.11
magnesium-dissolved (mg/l)	0.5	9	9	128.6889	106.0679	72.225	113	143	10.1	380
magnesium-total (mg/l)	0.5	9	9	134.0556	86.36468	80.5	132	155.25	35.3	330
manganese-dissolved (mg/l)	0.01	9	8	0.305	0.491019	0.0625	0.12	0.2675	0.005	1.53
manganese-total (mg/l)	0.01	13	13	0.541538	0.503485	0.1275	0.48	0.73	0.1	1.69
mercury-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005

CHR05

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	9	0	0.025	3.68E-18	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	12	1	0.03125	0.021651	0.05	0.025	0.05	0.025	0.1
nitrogen, nitrate as n (mg/l)	0.1	12	5	0.2125	0.212266	0.1	0.05	0.4	0.05	0.6
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	12	12	7.9275	0.181315	7.78	7.925	8.06	7.67	8.3
ph (field)	N/A	12	12	8.0325	0.251942	7.98	8.135	8.175	7.42	8.24
polonium 210-dissolved (pci/l)	1	6	2	0.983333	0.801041	1	0.5	1.5	0.5	2.4
polonium 210-suspended (pci/l)	1	6	2	1.183333	1.321237	1	0.5	1.3	0.5	3.8
polonium 210-total (pci/l)	1	5	3	2.14	1.520855	1	2.8	3.425	0.5	3.5
potassium-dissolved (mg/l)	0.5	9	9	8.666667	4.153312	6	7	10.5	5	18
potassium-total (mg/l)	0.5	9	9	12.9	8.276171	6.725	11.7	15.25	5.1	31.5
radium 226-dissolved (pci/l)	0.2	9	1	0.244444	0.433333	0.175	0.1	0.2	0.1	1.4
radium 226-suspended (pci/l)	0.2	10	3	0.68	1.219107	0.2	0.1	0.5	0.1	3.8
radium 226-total (pci/l)	0.2	11	3	0.745455	1.531903	0.2	0.1	0.425	0.1	5.1
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	10	5	0.00165	0.001492	0.001	0.00125	0.002	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	9	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	10	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	13	3	0.001462	0.000877	0.001	0.001	0.00225	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	10	2	0.0008	0.000632	0.001	0.0005	0.001	0.0005	0.002
selenium-vi-total (mg/l)	0.001	8	3	0.001188	0.000998	0.001	0.0005	0.002	0.0005	0.003
silica-dissolved (mg/l)	0.5	10	10	7.29	4.42052	3.4	5.15	10.4	2.9	14.1
silica-total (mg/l)	0.5	9	9	20.44444	18.65946	7.7	13.5	25.275	5.4	56.4
silver-dissolved (mg/l)	0.005	10	0	0.0025	4.57E-19	0.005	0.0025	0.005	0.0025	0.0025

CHR05

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	9	9	5.244444	3.004626	2.4	4	8.1	2.1	10
sodium-dissolved (mg/l)	0.8	9	9	466	346.5036	199.25	360	678.5	54	1020
sodium-total (mg/l)	0.5	8	8	440.75	301.9493	196	424.5	665	58	897
solids-suspended sediment ssc @ 105 c (mg/l)	5	12	11	1021.042	2345.694	7.5	16	144	2.5	7040
solids-total dissolved calculated (mg/l)	5	11	11	3415	1805.402	2650	3100	4607.5	365	6450
solids-total dissolved tds @ 180 c (mg/l)	5	12	12	3678.333	1951.549	2850	3500	4650	340	7200
solids-total suspended tss @ 105 c (mg/l)	5	12	11	443.375	1404.864	7.5	15	59	2.5	4900
staff gages (feet)	N/A	4	4	7.2325	0.377039	6.925	7.305	7.54	6.77	7.55
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	13	13	1902.538	1154	1450	1710	2205	180	4160
tds balance (0.80 - 1.20) (dec.%)	N/A	11	11	1.056364	0.057144	1.01	1.07	1.1	0.94	1.13
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	9	0	0.1	1.47E-17	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	9	4	0.555556	0.75185	0.2	0.1	0.8	0.1	2.2
thorium 230-total (pci/l)	0.2	10	3	0.49	0.77237	0.2	0.1	0.4	0.1	2.3
thorium 232-dissolved (mg/l)	0.005	9	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	12	2	0.003583	0.00992	0.001	0.0005	0.001	0.0005	0.035
thorium 232-total (mg/l)	0.005	10	1	0.00685	0.013756	0.005	0.0025	0.005	0.0025	0.046
turbidity (ntu)	N/A	12	12	176.4583	510.5405	2.9	12.4	47.65	1	1790
uranium-dissolved (mg/l)	0.003	10	9	0.0161	0.011369	0.0125	0.0141	0.0151	0.0015	0.0368
uranium-suspended (mg/l)	0.0003	12	4	0.001033	0.002037	0.0003	0.00015	0.00045	0.00015	0.0067
uranium-total (mg/l)	0.0003	11	11	0.017264	0.010021	0.01255	0.0143	0.016925	0.0043	0.0378
vanadium-dissolved (mg/l)	0.1	9	0	0.05	7.36E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	13	1	0.069231	0.069338	0.1	0.05	0.1	0.05	0.3
water temperature (field, deg c)	N/A	12	12	10.78267	9.39326	0.111	12.71	17.115	-0.09	25.6
zinc-dissolved (mg/l)	0.01	9	0	0.005	0	0.01	0.005	0.01	0.005	0.005

CHR05

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	12	3	0.047083	0.133424	0.01	0.005	0.015	0.005	0.47

[illegible]

PSC01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	1	1	1844	0	1844	1844	1844	1844	1844
conductivity @ 25 c (umhos/cm)	5	2	2	1775	91.92388	1710	1775	1840	1710	1840
copper-dissolved (mg/l)	0.01	1	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	1	0.1075	0.144957	0.01	0.1075	0.21	0.005	0.21
dissolved oxygen (field, mg/l)	N/A	1	1	10.26	0	10.26	10.26	10.26	10.26	10.26
do meter charge	N/A	1	1	46.1	0	46.1	46.1	46.1	46.1	46.1
flow/discharge (cfs)	N/A	3	3	0	0	0	0	0	0	0
fluoride (mg/l)	0.1	2	2	0.17	0.042426	0.14	0.17	0.2	0.14	0.2
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	7.9	1.272792	7	7.9	8.8	7	8.8
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	13.95	1.626346	12.8	13.95	15.1	12.8	15.1
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	1	0	10	0	0	10	0	10	10
iron-dissolved (mg/l)	0.03	1	1	0.1	0	0.1	0.1	0.1	0.1	0.1
iron-total (mg/l)	0.03	2	2	127.5	177.4838	2	127.5	253	2	253
lead 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.073	0.100409	0.002	0.073	0.144	0.002	0.144
magnesium-dissolved (mg/l)	0.5	1	1	20.3	0	20.3	20.3	20.3	20.3	20.3
magnesium-total (mg/l)	0.5	2	2	208.75	252.0836	30.5	208.75	387	30.5	387
manganese-dissolved (mg/l)	0.01	1	1	0.81	0	0.81	0.81	0.81	0.81	0.81
manganese-total (mg/l)	0.01	2	2	3.25	4.36992	0.16	3.25	6.34	0.16	6.34
mercury-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0002	0.0005	0.001	0.0005	0.0005

PSC01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	1	0	0.025	0	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	2	1	0.1775	0.215668	0.05	0.1775	0.33	0.025	0.33
nitrogen, nitrate as n (mg/l)	0.1	2	1	0.41	0.509117	0.1	0.41	0.77	0.05	0.77
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	7.14	0.028284	7.12	7.14	7.16	7.12	7.16
ph (field)	N/A	1	1	8.12	0	8.12	8.12	8.12	8.12	8.12
polonium 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	1	1	10	0	10	10	10	10	10
potassium-total (mg/l)	0.5	2	2	49.95	53.10372	12.4	49.95	87.5	12.4	87.5
radium 226-dissolved (pci/l)	0.2	1	1	0.3	0	0.3	0.3	0.3	0.3	0.3
radium 226-suspended (pci/l)	0.2	1	1	7.1	0	7.1	7.1	7.1	7.1	7.1
radium 226-total (pci/l)	0.2	2	2	4.05	4.737615	0.7	4.05	7.4	0.7	7.4
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	1	1	0.005	0	0.005	0.005	0.005	0.005	0.005
selenium-iv-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	1	0	0.001	0	0.002	0.001	0.002	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	1	1	5.2	0	5.2	5.2	5.2	5.2	5.2
silica-total (mg/l)	0.5	2	2	40.25	33.58757	16.5	40.25	64	16.5	64
silver-dissolved (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

PSC01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
sodium-dissolved (mg/l)	0.8	1	1	4	0	4	4	4	4	4
sodium-total (mg/l)	0.5	2	2	6.15	0.212132	6	6.15	6.3	6	6.3
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	2	4947	6806.61	134	4947	9760	134	9760
solids-total dissolved calculated (mg/l)	5	2	2	1775	346.4823	1530	1775	2020	1530	2020
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	1650	70.71068	1600	1650	1700	1600	1700
solids-total suspended tss @ 105 c (mg/l)	5	2	2	6075	8379.215	150	6075	12000	150	12000
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	2	1220	254.5584	1040	1220	1400	1040	1400
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	0.96	0.141421	0.86	0.96	1.06	0.86	1.06
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	1	0	0.1	0	0	0.1	0	0.1	0.1
thorium 230-suspended (pci/l)	0.2	1	1	4.2	0	4.2	4.2	4.2	4.2	4.2
thorium 230-total (pci/l)	0.2	1	1	4.2	0	4.2	4.2	4.2	4.2	4.2
thorium 232-dissolved (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	1	0.01925	0.026517	0.001	0.01925	0.038	0.0005	0.038
thorium 232-total (mg/l)	0.005	1	1	0.042	0	0.042	0.042	0.042	0.042	0.042
turbidity (ntu)	N/A	1	1	1780	0	1780	1780	1780	1780	1780
uranium-dissolved (mg/l)	0.003	1	0	0.0015	0	0.0016	0.0015	0.0016	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	2	2	0.00675	0.00898	0.0004	0.00675	0.0131	0.0004	0.0131
uranium-total (mg/l)	0.0003	2	2	0.0153	0.007495	0.01	0.0153	0.0206	0.01	0.0206
vanadium-dissolved (mg/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	1	0.275	0.318198	0.1	0.275	0.5	0.05	0.5
water temperature (field, deg c)	N/A	1	1	13.56	0	13.56	13.56	13.56	13.56	13.56
zinc-dissolved (mg/l)	0.01	1	0	0.005	0	0.01	0.005	0.01	0.005	0.005

PSC01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	2	0.38	0.494975	0.03	0.38	0.73	0.03	0.73

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PSC02

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	1	1	1696	0	1696	1696	1696	1696	1696
conductivity @ 25 c (umhos/cm)	5	3	3	1820	514.1984	1430	2000	2165	1240	2220
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	3	2	0.218333	0.18482	0.0875	0.32	0.3275	0.005	0.33
dissolved oxygen (field, mg/l)	N/A	1	1	9.51	0	9.51	9.51	9.51	9.51	9.51
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	1	1	62.631	0	62.631	62.631	62.631	62.631	62.631
fluoride (mg/l)	0.1	3	3	0.18	0.034641	0.155	0.2	0.2	0.14	0.2
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	3	3	16.6	15.79525	5.075	14.6	28.625	1.9	33.3
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	3	1	4.633333	6.293118	-8	1	7.675	1	11.9
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	0	10	0	0	10	0	10	10
iron-dissolved (mg/l)	0.03	2	1	0.0375	0.03182	0.03	0.0375	0.06	0.015	0.06
iron-total (mg/l)	0.03	3	3	231.0933	200.1158	84.46	337	351.25	0.28	356
lead 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	3	3	0.157	0.134347	0.05875	0.229	0.23725	0.002	0.24
magnesium-dissolved (mg/l)	0.5	2	2	19.6	3.959798	16.8	19.6	22.4	16.8	22.4
magnesium-total (mg/l)	0.5	3	3	413.6667	342.6869	165.25	607	613.75	18	616
manganese-dissolved (mg/l)	0.01	2	2	0.83	0.042426	0.8	0.83	0.86	0.8	0.86
manganese-total (mg/l)	0.01	3	3	7.44	6.346401	2.79	10.8	11.25	0.12	11.4
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	3	0	0.0005	0	0.0002	0.0005	0.0008	0.0005	0.0005

PSC02

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	3	2	0.358333	0.289065	0.165	0.51	0.5325	0.025	0.54
nitrogen, nitrate as n (mg/l)	0.1	3	2	0.303333	0.255016	0.15	0.3	0.495	0.05	0.56
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	3	3	7.21	0.05	7.1725	7.21	7.2475	7.16	7.26
ph (field)	N/A	1	1	8.1	0	8.1	8.1	8.1	8.1	8.1
polonium 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	2	2	11.5	4.949747	8	11.5	15	8	15
potassium-total (mg/l)	0.5	3	3	76.33333	59.34925	32.5	106	112.75	8	115
radium 226-dissolved (pci/l)	0.2	2	1	0.35	0.353553	0.05	0.35	0.6	0.1	0.6
radium 226-suspended (pci/l)	0.2	2	2	23.05	2.474874	21.3	23.05	24.8	21.3	24.8
radium 226-total (pci/l)	0.2	3	2	15.6	13.57903	5.475	21.3	24.375	0.1	25.4
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	2	0.005	0	0.005	0.005	0.005	0.005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	1	1	0.003	0	0.003	0.003	0.003	0.003	0.003
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	2	2	4.75	0.070711	4.7	4.75	4.8	4.7	4.8
silica-total (mg/l)	0.5	3	3	59.1	45.12062	26.475	84.9	85.275	7	85.4
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

PSC02										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
sodium-dissolved (mg/l)	0.8	2	2	5.5	3.535534	3	5.5	8	3	8
sodium-total (mg/l)	0.5	3	3	5.666667	4.041452	2.75	5	8.75	2	10
solids-suspended sediment ssc @ 105 c (mg/l)	5	3	3	20236	18278.47	6281	24800	33050	108	35800
solids-total dissolved calculated (mg/l)	5	3	3	1646	568.3555	1218.5	1880	2015	998	2060
solids-total dissolved tds @ 180 c (mg/l)	5	3	3	1800	608.2763	1350	2100	2175	1100	2200
solids-total suspended tss @ 105 c (mg/l)	5	3	3	15380	13534.89	5105	20000	24500	140	26000
staff gages (feet)	N/A	1	1	9	0	9	9	9	9	9
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	3	3	1095	402.3369	788.75	1220	1370	645	1420
tds balance (0.80 - 1.20) (dec.%)	N/A	3	3	1.083333	0.015275	1.0725	1.08	1.095	1.07	1.1
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	0	0.1	0	0	0.1	0.1	0.1	0.1
thorium 230-suspended (pci/l)	0.2	2	2	16.3	5.23259	12.6	16.3	20	12.6	20
thorium 230-total (pci/l)	0.2	2	2	16.35	5.303301	12.6	16.35	20.1	12.6	20.1
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	3	2	0.062833	0.066016	0.01475	0.056	0.113	0.0005	0.132
thorium 232-total (mg/l)	0.005	2	2	0.0525	0.002121	0.051	0.0525	0.054	0.051	0.054
turbidity (ntu)	N/A	1	1	1672	0	1672	1672	1672	1672	1672
uranium-dissolved (mg/l)	0.003	2	1	0.00935	0.011102	0.0016	0.00935	0.0172	0.0015	0.0172
uranium-suspended (mg/l)	0.0003	3	3	0.032767	0.028461	0.01125	0.0435	0.0516	0.0005	0.0543
uranium-total (mg/l)	0.0003	3	3	0.040367	0.044529	0.008675	0.0311	0.074375	0.0012	0.0888
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	3	2	0.516667	0.407226	0.25	0.7	0.775	0.05	0.8
water temperature (field, deg c)	N/A	1	1	17.13	0	17.13	17.13	17.13	17.13	17.13
zinc-dissolved (mg/l)	0.01	2	1	0.0125	0.010607	0.01	0.0125	0.02	0.005	0.02

PSC02										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	3	3	0.803333	0.678847	0.3075	1.17	1.2075	0.02	1.22

UNT01

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UNT01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity @ 25 c (umhos/cm)	5	1	1	536	0	536	536	536	536	536
copper-dissolved (mg/l)	0.01	1	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	1	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	1	1	0.3	0	0.3	0.3	0.3	0.3	0.3
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	1	1	6.1	0	6.1	6.1	6.1	6.1	6.1
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	1	1	12.6	0	12.6	12.6	12.6	12.6	12.6
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	1	1	221	0	221	221	221	221	221
iron-dissolved (mg/l)	0.03	1	1	0.05	0	0.05	0.05	0.05	0.05	0.05
iron-total (mg/l)	0.03	1	1	8.93	0	8.93	8.93	8.93	8.93	8.93
lead 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	1	1	0.008	0	0.008	0.008	0.008	0.008	0.008
magnesium-dissolved (mg/l)	0.5	1	1	22.4	0	22.4	22.4	22.4	22.4	22.4
magnesium-total (mg/l)	0.5	1	1	24.8	0	24.8	24.8	24.8	24.8	24.8
manganese-dissolved (mg/l)	0.01	1	1	3.87	0	3.87	3.87	3.87	3.87	3.87
manganese-total (mg/l)	0.01	1	1	5.06	0	5.06	5.06	5.06	5.06	5.06
mercury-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	1	0	0.0005	0	0.0002	0.0005	0.0002	0.0005	0.0005

UNT01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	1	1	0.09	0	0.09	0.09	0.09	0.09	0.09
nickel-total (mg/l)	0.05	1	1	0.11	0	0.11	0.11	0.11	0.11	0.11
nitrogen, nitrate as n (mg/l)	0.1	1	1	0.6	0	0.6	0.6	0.6	0.6	0.6
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	1	1	4.91	0	4.91	4.91	4.91	4.91	4.91
ph (field)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-suspended (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	1	1	8	0	8	8	8	8	8
potassium-total (mg/l)	0.5	1	1	10.1	0	10.1	10.1	10.1	10.1	10.1
radium 226-dissolved (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
radium 226-suspended (pci/l)	0.2	1	0	0.1	0	0.03	0.1	0.03	0.1	0.1
radium 226-total (pci/l)	0.2	1	1	0.3	0	0.3	0.3	0.3	0.3	0.3
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	1	1	0.005	0	0.005	0.005	0.005	0.005	0.005
selenium-iv-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-vi-dissolved (mg/l)	0.001	1	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	1	1	0.8	0	0.8	0.8	0.8	0.8	0.8
silica-total (mg/l)	0.5	1	1	12.5	0	12.5	12.5	12.5	12.5	12.5
silver-dissolved (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

UNT01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
sodium-dissolved (mg/l)	0.8	1	1	2.5	0	2.5	2.5	2.5	2.5	2.5
sodium-total (mg/l)	0.5	1	1	2	0	2	2	2	2	2
solids-suspended sediment ssc @ 105 c (mg/l)	5	1	1	291	0	291	291	291	291	291
solids-total dissolved calculated (mg/l)	5	1	1	369	0	369	369	369	369	369
solids-total dissolved tds @ 180 c (mg/l)	5	1	1	380	0	380	380	380	380	380
solids-total suspended tss @ 105 c (mg/l)	5	1	1	290	0	290	290	290	290	290
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	1	1	278	0	278	278	278	278	278
tds balance (0.80 - 1.20) (dec.%)	N/A	1	1	1.02	0	1.02	1.02	1.02	1.02	1.02
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	1	0	0.1	0	0	0.1	0	0.1	0.1
thorium 230-suspended (pci/l)	0.2	1	0	0.1	0	0	0.1	0	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	-0.02	0.1	-0.02	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	1	1	0.002	0	0.002	0.002	0.002	0.002	0.002
thorium 232-total (mg/l)	0.005	1	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
uranium-dissolved (mg/l)	0.003	1	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	1	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	1	1	0.0009	0	0.0009	0.0009	0.0009	0.0009	0.0009
vanadium-dissolved (mg/l)	0.1	1	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	1	1	0.2	0	0.2	0.2	0.2	0.2	0.2
water temperature (field, deg c)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
zinc-dissolved (mg/l)	0.01	1	1	0.06	0	0.06	0.06	0.06	0.06	0.06

UNT01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	1	1	0.09	0	0.09	0.09	0.09	0.09	0.09

SUB01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	2	2	3.11	1.767767	1.86	3.11	4.36	1.86	4.36
alkalinity-total as caco3 (mg/l)	5	2	2	61	32.52691	38	61	84	38	84
aluminum-dissolved (mg/l)	0.1	2	2	0.25	0.070711	0.2	0.25	0.3	0.2	0.3
aluminum-total (mg/l)	0.1	2	2	37.6	21.49605	22.4	37.6	52.8	22.4	52.8
ammonia (mg/l)	1	2	1	0.85	0.494975	0.1	0.85	1.2	0.5	1.2
anions (meq/l)	N/A	2	2	2.355	0.26163	2.17	2.355	2.54	2.17	2.54
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	2	1	0.00175	0.001768	0.001	0.00175	0.003	0.0005	0.003
arsenic-total (mg/l)	0.001	2	2	0.0095	0.006364	0.005	0.0095	0.014	0.005	0.014
bacteria, fecal coliform (cfu/100ml)	2	2	2	32	16.97056	20	32	44	20	44
barium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	1	0.125	0.106066	0.1	0.125	0.2	0.05	0.2
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	2	2	74	39.59798	46	74	102	46	102
boron-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.2	0.1	0.1
cadmium-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	2	2	21.05	0.070711	21	21.05	21.1	21	21.1
calcium-total (mg/l)	1	2	2	27.65	3.606245	25.1	27.65	30.2	25.1	30.2
carbonate as co3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	2	2	2.5	0.183848	2.37	2.5	2.63	2.37	2.63
chloride (mg/l)	1	2	2	4	1.414214	3	4	5	3	5
chromium-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	2	2	0.03	0.028284	0.01	0.03	0.05	0.01	0.05
chromium-total (mg/l)	0.05	2	1	0.0425	0.024749	0.05	0.0425	0.06	0.025	0.06
chromium-trivalent (mg/l)	0.01	2	1	0.0325	0.038891	0.01	0.0325	0.06	0.005	0.06

SUB01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	2	2	265.5	36.06245	240	265.5	291	240	291
conductivity @ 25 c (umhos/cm)	5	2	2	240	14.14214	230	240	250	230	250
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	2	0.025	0.007071	0.02	0.025	0.03	0.02	0.03
dissolved oxygen (field, mg/l)	N/A	2	2	9.165	3.415326	6.75	9.165	11.58	6.75	11.58
do meter charge	N/A	1	1	44.1	0	44.1	44.1	44.1	44.1	44.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	2	2	0.45	0.212132	0.3	0.45	0.6	0.3	0.6
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	9.3	9.758074	2.4	9.3	16.2	2.4	16.2
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	12.65	10.67731	5.1	12.65	20.2	5.1	20.2
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	0	10	0	0	10	20	10	10
iron-dissolved (mg/l)	0.03	2	2	0.23	0.113137	0.15	0.23	0.31	0.15	0.31
iron-total (mg/l)	0.03	2	2	29.6	20.5061	15.1	29.6	44.1	15.1	44.1
lead 210-dissolved (pci/l)	1	1	0	0.5	0	0.7	0.5	0.7	0.5	0.5
lead 210-suspended (pci/l)	1	1	0	0.5	0	-2.1	0.5	-2.1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	-1.4	0.5	-1.4	0.5	0.5
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.0175	0.012021	0.009	0.0175	0.026	0.009	0.026
magnesium-dissolved (mg/l)	0.5	2	2	4.4	0	4.4	4.4	4.4	4.4	4.4
magnesium-total (mg/l)	0.5	2	2	11.75	4.737615	8.4	11.75	15.1	8.4	15.1
manganese-dissolved (mg/l)	0.01	2	2	0.13	0.155563	0.02	0.13	0.24	0.02	0.24
manganese-total (mg/l)	0.01	2	2	0.475	0.417193	0.18	0.475	0.77	0.18	0.77
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

SUB01

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	2	1	0.625	0.813173	0.1	0.625	1.2	0.05	1.2
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	7.4	0.46669	7.07	7.4	7.73	7.07	7.73
ph (field)	N/A	2	2	7.36	1.25865	6.47	7.36	8.25	6.47	8.25
polonium 210-dissolved (pci/l)	1	1	0	0.5	0	0.1	0.5	0.1	0.5	0.5
polonium 210-suspended (pci/l)	1	1	1	1.3	0	1.3	1.3	1.3	1.3	1.3
polonium 210-total (pci/l)	1	1	1	1.4	0	1.4	1.4	1.4	1.4	1.4
potassium-dissolved (mg/l)	0.5	2	2	6	2.828427	4	6	8	4	8
potassium-total (mg/l)	0.5	2	2	14.6	8.909545	8.3	14.6	20.9	8.3	20.9
radium 226-dissolved (pci/l)	0.2	2	1	0.3	0.282843	0.2	0.3	0.5	0.1	0.5
radium 226-suspended (pci/l)	0.2	2	1	0.55	0.636396	-0.2	0.55	1	0.1	1
radium 226-total (pci/l)	0.2	2	2	0.75	0.636396	0.3	0.75	1.2	0.3	1.2
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	2	2	8.25	0.494975	7.9	8.25	8.6	7.9	8.6
silica-total (mg/l)	0.5	2	2	96.05	11.243	88.1	96.05	104	88.1	104
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	2	0.99	0.014142	0.98	0.99	1	0.98	1
sodium-dissolved (mg/l)	0.8	2	2	19.45	0.777817	18.9	19.45	20	18.9	20
sodium-total (mg/l)	0.5	2	2	19.4	2.262742	17.8	19.4	21	17.8	21
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	2	295.5	137.8858	198	295.5	393	198	393
solids-total dissolved calculated (mg/l)	5	2	2	163	1.414214	162	163	164	162	164
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	645	487.9037	300	645	990	300	990
solids-total suspended tss @ 105 c (mg/l)	5	2	2	190	127.2792	100	190	280	100	280
staff gages (feet)	N/A	1	1	9.67	0	9.67	9.67	9.67	9.67	9.67
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	1	38.5	28.99138	33	38.5	59	18	59
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	3.955	2.962777	1.86	3.955	6.05	1.86	6.05
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	0	0.1	0	0	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	2	1	0.25	0.212132	0.2	0.25	0.4	0.1	0.4
thorium 230-total (pci/l)	0.2	2	2	0.4	0	0.4	0.4	0.4	0.4	0.4
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	2	0.003	0.001414	0.002	0.003	0.004	0.002	0.004
thorium 232-total (mg/l)	0.005	2	1	0.00725	0.006718	0.005	0.00725	0.012	0.0025	0.012
turbidity (ntu)	N/A	2	2	825	663.2662	356	825	1294	356	1294
uranium-dissolved (mg/l)	0.003	2	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	2	2	0.00065	7.07E-05	0.0006	0.00065	0.0007	0.0006	0.0007
uranium-total (mg/l)	0.0003	2	2	0.00155	0.000636	0.0011	0.00155	0.002	0.0011	0.002
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	2	2	14.08	7.212489	8.98	14.08	19.18	8.98	19.18
zinc-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB01										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	2	0.095	0.049497	0.06	0.095	0.13	0.06	0.13

SUB02										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	-1.21	3.820201	-3.67	-2.595	1.25	-4.01	4.36
alkalinity-total as caco3 (mg/l)	5	3	3	94.66667	6.429101	90.5	92	99.5	90	102
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
ammonia (mg/l)	1	3	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	4	4	55.35	4.275122	52.6	53.7	58.1	52.4	61.6
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	5	2	0.0011	0.000822	0.001	0.0005	0.002	0.0005	0.002
bacteria, fecal coliform (cfu/100ml)	2	4	0	1	0	2	1	2	1	1
barium-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	4	4	116.25	6.448514	111	115.5	121.5	110	124
boron-dissolved (mg/l)	0.1	4	4	0.475	0.05	0.45	0.5	0.5	0.4	0.5
boron-total (mg/l)	0.2	4	4	0.475	0.05	0.45	0.5	0.5	0.4	0.5
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	3	3	573.6667	43.40891	543.75	561	606.75	538	622
calcium-total (mg/l)	1	2	2	603	33.94113	579	603	627	579	627
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	53.4	3.082207	50.8	53.15	56	50.5	56.8
chloride (mg/l)	1	5	5	21.4	2.302173	19	22	23.25	19	24
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.01	0.025	0.03	0.025	0.025
chromium-hexavalent (mg/l)	N/A	4	4	0.02	0.021213	0.005	0.0125	0.035	0.005	0.05
chromium-total (mg/l)	0.05	3	0	0.025	4.25E-18	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB02

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	3278.25	743.8868	2847	3599.5	3709.5	2171	3743
conductivity @ 25 c (umhos/cm)	5	4	4	3595	200.9146	3440	3620	3750	3340	3800
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	9.275	1.734291	7.96	9.425	10.59	7.1	11.15
do meter charge	N/A	2	2	42.05	17.32412	29.8	42.05	54.3	29.8	54.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	3	3	0.466667	0.057735	0.425	0.5	0.5	0.4	0.5
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	4	4	136.7	48.6288	106.9	131.5	166.5	82.8	201
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	3	3	73.56667	15.32623	62.3	81.5	82.85	55.9	83.3
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	5	1	220	469.5743	0	10	280	10	1060
iron-dissolved (mg/l)	0.03	4	3	0.05625	0.028687	0.045	0.065	0.075	0.015	0.08
iron-total (mg/l)	0.03	5	5	0.204	0.043932	0.17	0.22	0.235	0.14	0.25
lead 210-dissolved (pci/l)	1	4	0	0.5	0	-0.95	0.5	1	0.5	0.5
lead 210-suspended (pci/l)	1	4	1	0.75	0.5	0.25	0.5	1.25	0.5	1.5
lead 210-total (pci/l)	1	2	0	0.5	0	-1.4	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	3	3	196.6667	16.04161	184.5	198	208.5	180	212
magnesium-total (mg/l)	0.5	2	2	204	4.242641	201	204	207	201	207
manganese-dissolved (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
manganese-total (mg/l)	0.01	5	3	0.018	0.014405	0.01	0.02	0.025	0.005	0.04
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005

SUB02

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	3	0	0.025	4.25E-18	0.01	0.025	0.04	0.025	0.025
nickel-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	5	1	0.08	0.067082	0.1	0.05	0.125	0.05	0.2
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	4	4	7.915	0.143875	7.795	7.9	8.035	7.78	8.08
ph (field)	N/A	4	4	7.3425	1.198092	6.69	7.89	7.995	5.55	8.04
polonium 210-dissolved (pci/l)	1	3	1	0.933333	0.750555	0.25	0.5	1.6	0.5	1.8
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.3	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	3	1	0.833333	0.57735	0.15	0.5	1.2	0.5	1.5
potassium-dissolved (mg/l)	0.5	4	4	21.25	1.258306	20.5	21	22	20	23
potassium-total (mg/l)	0.5	2	2	22.35	1.767767	21.1	22.35	23.6	21.1	23.6
radium 226-dissolved (pci/l)	0.2	3	3	0.533333	0.11547	0.45	0.6	0.6	0.4	0.6
radium 226-suspended (pci/l)	0.2	5	0	0.1	0	-0.425	0.1	0.2	0.1	0.1
radium 226-total (pci/l)	0.2	3	2	0.433333	0.288675	0.225	0.6	0.6	0.1	0.6
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	4	4	0.00375	0.002062	0.002	0.0035	0.0055	0.002	0.006
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	4	0	0.001	0	0.001	0.001	0.002	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	4	2	0.00125	0.000866	0.001	0.00125	0.002	0.0005	0.002
selenium-vi-total (mg/l)	0.001	5	3	0.0016	0.001084	0.001	0.002	0.00225	0.0005	0.003
silica-dissolved (mg/l)	0.5	5	3	1.54	1.211095	0.5	2	2.5	0.25	2.8
silica-total (mg/l)	0.5	3	1	1.133333	1.529978	0.5	0.25	2.3	0.25	2.9
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB02

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	1.566667	0.057735	1.525	1.6	1.6	1.5	1.6
sodium-dissolved (mg/l)	0.8	3	3	165.6667	3.05505	163.5	165	168	163	169
sodium-total (mg/l)	0.5	2	2	177	2.828427	175	177	179	175	179
solids-suspended sediment ssc @ 105 c (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
solids-total dissolved calculated (mg/l)	5	3	3	3620	291.0326	3427.5	3510	3840	3400	3950
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	3625	485.6267	3350	3850	3900	2900	3900
solids-total suspended tss @ 105 c (mg/l)	5	4	2	5.5	3.674235	5	4.75	8.5	2.5	10
staff gages (feet)	N/A	3	3	10.85	0.433013	10.6	10.6	11.1625	10.6	11.35
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	3	3	2576.667	234.5918	2417.5	2500	2755	2390	2840
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.01	0.136626	0.91	1.03	1.11	0.83	1.15
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	5	1	0.16	0.134164	0.1	0.1	0.25	0.1	0.4
thorium 230-suspended (pci/l)	0.2	4	3	0.375	0.25	0.25	0.35	0.55	0.1	0.7
thorium 230-total (pci/l)	0.2	4	2	0.275	0.206155	0.2	0.25	0.45	0.1	0.5
thorium 232-dissolved (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	4	4	1.3	0.658281	0.85	1.3	1.75	0.5	2.1
uranium-dissolved (mg/l)	0.003	4	4	0.17175	0.005737	0.1675	0.173	0.176	0.164	0.177
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	3	3	0.166	0.003464	0.1635	0.168	0.168	0.162	0.168
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	4	4	11.725	8.667174	4.7	13.145	18.75	1.05	19.56
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB02										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	4	1	0.00875	0.0075	0.01	0.005	0.015	0.005	0.02

SUB03										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	2	2	2.20365	3.021255	0.0673	2.20365	4.34	0.0673	4.34
alkalinity-total as caco3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
aluminum-dissolved (mg/l)	0.1	2	2	0.6	0	0.6	0.6	0.6	0.6	0.6
aluminum-total (mg/l)	0.1	2	2	0.95	0.353553	0.7	0.95	1.2	0.7	1.2
ammonia (mg/l)	1	2	0	0.5	0	0.1	0.5	0.1	0.5	0.5
anions (meq/l)	N/A	2	2	11.8	1.555635	10.7	11.8	12.9	10.7	12.9
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	1	0.00125	0.001061	0.001	0.00125	0.002	0.0005	0.002
bacteria, fecal coliform (cfu/100ml)	2	2	0	1	0	2	1	2	1	1
barium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
boron-dissolved (mg/l)	0.1	2	1	0.125	0.106066	0.1	0.125	0.2	0.05	0.2
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	2	2	129	1.414214	128	129	130	128	130
calcium-total (mg/l)	1	1	1	132	0	132	132	132	132	132
carbonate as co3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	2	2	12.3	0.848528	11.7	12.3	12.9	11.7	12.9
chloride (mg/l)	1	2	2	5.5	4.949747	2	5.5	9	2	9
chromium-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	2	2	0.0055	0.000707	0.005	0.0055	0.006	0.005	0.006
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB03										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	2	2	1124	142.8356	1023	1124	1225	1023	1225
conductivity @ 25 c (umhos/cm)	5	2	2	1027.5	74.24621	975	1027.5	1080	975	1080
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	9.575	0.898026	8.94	9.575	10.21	8.94	10.21
do meter charge	N/A	1	1	54.3	0	54.3	54.3	54.3	54.3	54.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	2	2	0.3	0.141421	0.2	0.3	0.4	0.2	0.4
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	18.25	2.333452	16.6	18.25	19.9	16.6	19.9
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	30.3	12.02082	21.8	30.3	38.8	21.8	38.8
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	2	1175	134.3503	1080	1175	1270	1080	1270
iron-dissolved (mg/l)	0.03	2	2	0.18	0.084853	0.12	0.18	0.24	0.12	0.24
iron-total (mg/l)	0.03	2	2	0.63	0.66468	0.16	0.63	1.1	0.16	1.1
lead 210-dissolved (pci/l)	1	2	0	0.5	0	-3	0.5	1	0.5	0.5
lead 210-suspended (pci/l)	1	2	0	0.5	0	-0.8	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	2	0	0.5	0	-3.8	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	2	2	50.4	4.242641	47.4	50.4	53.4	47.4	53.4
magnesium-total (mg/l)	0.5	1	1	48.6	0	48.6	48.6	48.6	48.6	48.6
manganese-dissolved (mg/l)	0.01	2	2	10.02	2.234457	8.44	10.02	11.6	8.44	11.6
manganese-total (mg/l)	0.01	2	2	10.315	2.665793	8.43	10.315	12.2	8.43	12.2
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005

SUB03										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	2	0.2	0.042426	0.17	0.2	0.23	0.17	0.23
nickel-total (mg/l)	0.05	2	2	0.2	0.042426	0.17	0.2	0.23	0.17	0.23
nitrogen, nitrate as n (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	4.49	0.127279	4.4	4.49	4.58	4.4	4.58
ph (field)	N/A	2	2	6.3	0.268701	6.11	6.3	6.49	6.11	6.49
polonium 210-dissolved (pci/l)	1	2	0	0.5	0	0	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	2	0	0.5	0	0.5	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	2	1	1.5	1.414214	0.5	1.5	2.5	0.5	2.5
potassium-dissolved (mg/l)	0.5	2	2	25.5	13.43503	16	25.5	35	16	35
potassium-total (mg/l)	0.5	1	1	17.9	0	17.9	17.9	17.9	17.9	17.9
radium 226-dissolved (pci/l)	0.2	2	2	3.55	1.343503	2.6	3.55	4.5	2.6	4.5
radium 226-suspended (pci/l)	0.2	2	0	0.1	0	-0.09	0.1	0.2	0.1	0.1
radium 226-total (pci/l)	0.2	2	2	3.25	1.06066	2.5	3.25	4	2.5	4
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	2	2	4.8	3.818377	2.1	4.8	7.5	2.1	7.5
silica-total (mg/l)	0.5	1	1	3.8	0	3.8	3.8	3.8	3.8	3.8
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB03										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	1	0.1	0.070711	0.1	0.1	0.15	0.05	0.15
sodium-dissolved (mg/l)	0.8	2	2	6.1	2.969848	4	6.1	8.2	4	8.2
sodium-total (mg/l)	0.5	1	1	5	0	5	5	5	5	5
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	1	19.75	24.39518	5	19.75	37	2.5	37
solids-total dissolved calculated (mg/l)	5	2	2	783.5	95.45942	716	783.5	851	716	851
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	895	106.066	820	895	970	820	970
solids-total suspended tss @ 105 c (mg/l)	5	2	2	16	14.14214	6	16	26	6	26
staff gages (feet)	N/A	3	3	10.38	0.242487	10.195	10.42	10.555	10.12	10.6
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	2	604.5	133.6432	510	604.5	699	510	699
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	1.145	0.007071	1.14	1.145	1.15	1.14	1.15
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	0	0.1	0	0	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	2	2	0.85	0.636396	0.4	0.85	1.3	0.4	1.3
thorium 230-total (pci/l)	0.2	2	1	0.2	0.141421	0.2	0.2	0.3	0.1	0.3
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	2	2	9.65	4.313351	6.6	9.65	12.7	6.6	12.7
uranium-dissolved (mg/l)	0.003	2	0	0.0015	0	0.0014	0.0015	0.0023	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	2	2	0.0006	0.000283	0.0004	0.0006	0.0008	0.0004	0.0008
uranium-total (mg/l)	0.0003	2	2	0.00225	0.001202	0.0014	0.00225	0.0031	0.0014	0.0031
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	1	0.125	0.106066	0.1	0.125	0.2	0.05	0.2
water temperature (field, deg c)	N/A	2	2	21.395	14.85631	10.89	21.395	31.9	10.89	31.9
zinc-dissolved (mg/l)	0.01	2	2	0.13	0.042426	0.1	0.13	0.16	0.1	0.16

SUB03										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	2	0.125	0.06364	0.08	0.125	0.17	0.08	0.17

SUB04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	2	2	0.554	2.059095	-0.902	0.554	2.01	-0.902	2.01
alkalinity-total as CaCO_3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
aluminum-dissolved (mg/l)	0.1	2	2	0.8	0.565685	0.4	0.8	1.2	0.4	1.2
aluminum-total (mg/l)	0.1	2	2	1	0.707107	0.5	1	1.5	0.5	1.5
ammonia (mg/l)	1	2	0	0.5	0	0.1	0.5	0.3	0.5	0.5
anions (meq/l)	N/A	2	2	14.215	11.43392	6.13	14.215	22.3	6.13	22.3
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	1	0.00125	0.001061	0.001	0.00125	0.002	0.0005	0.002
bacteria, fecal coliform (cfu/100ml)	2	2	0	1	0	2	1	2	1	1
barium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
boron-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	2	1	0.00525	0.003889	0.005	0.00525	0.008	0.0025	0.008
cadmium-total (mg/l)	0.005	2	1	0.00525	0.003889	0.005	0.00525	0.008	0.0025	0.008
calcium-dissolved (mg/l)	0.5	2	2	132.9	96.30794	64.8	132.9	201	64.8	201
calcium-total (mg/l)	1	1	1	61.7	0	61.7	61.7	61.7	61.7	61.7
carbonate as CO_3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	2	2	14.145	10.96723	6.39	14.145	21.9	6.39	21.9
chloride (mg/l)	1	2	2	10	11.31371	2	10	18	2	18
chromium-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	2	2	0.0275	0.03182	0.005	0.0275	0.05	0.005	0.05
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	2	2	1215	923.4815	562	1215	1868	562	1868
conductivity @ 25 c (umhos/cm)	5	2	2	1171	677.4083	692	1171	1650	692	1650
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	9.645	0.176777	9.52	9.645	9.77	9.52	9.77
do meter charge	N/A	1	1	54.3	0	54.3	54.3	54.3	54.3	54.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	2	2	0.5	0.141421	0.4	0.5	0.6	0.4	0.6
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	8.3	7.495332	3	8.3	13.6	3	13.6
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	32.15	27.08219	13	32.15	51.3	13	51.3
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	0	10	0	0	10	20	10	10
iron-dissolved (mg/l)	0.03	2	1	0.7475	1.035911	0.03	0.7475	1.48	0.015	1.48
iron-total (mg/l)	0.03	2	2	1.955	2.510229	0.18	1.955	3.73	0.18	3.73
lead 210-dissolved (pci/l)	1	2	0	0.5	0	-2.1	0.5	1	0.5	0.5
lead 210-suspended (pci/l)	1	2	1	3.6	4.384062	1	3.6	6.7	0.5	6.7
lead 210-total (pci/l)	1	2	1	1.75	1.767767	1	1.75	3	0.5	3
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	2	2	63.4	51.05311	27.3	63.4	99.5	27.3	99.5
magnesium-total (mg/l)	0.5	1	1	26.8	0	26.8	26.8	26.8	26.8	26.8
manganese-dissolved (mg/l)	0.01	2	2	12.8	10.74802	5.2	12.8	20.4	5.2	20.4
manganese-total (mg/l)	0.01	2	2	13.24	11.39856	5.18	13.24	21.3	5.18	21.3
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

SUB04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	2	0.26	0.240416	0.09	0.26	0.43	0.09	0.43
nickel-total (mg/l)	0.05	2	2	0.27	0.240416	0.1	0.27	0.44	0.1	0.44
nitrogen, nitrate as n (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	4.77	0.169706	4.65	4.77	4.89	4.65	4.89
ph (field)	N/A	2	2	5.94	1.781909	4.68	5.94	7.2	4.68	7.2
polonium 210-dissolved (pci/l)	1	2	1	1.35	1.202082	0.2	1.35	2.2	0.5	2.2
polonium 210-suspended (pci/l)	1	2	0	0.5	0	0.2	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	2	1	1.95	2.05061	0.4	1.95	3.4	0.5	3.4
potassium-dissolved (mg/l)	0.5	2	2	30	22.62742	14	30	46	14	46
potassium-total (mg/l)	0.5	1	1	14.7	0	14.7	14.7	14.7	14.7	14.7
radium 226-dissolved (pci/l)	0.2	2	2	3.25	0.212132	3.1	3.25	3.4	3.1	3.4
radium 226-suspended (pci/l)	0.2	2	0	0.1	0	-0.4	0.1	0.2	0.1	0.1
radium 226-total (pci/l)	0.2	2	2	3.1	0.565685	2.7	3.1	3.5	2.7	3.5
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	2	2	9.95	8.838835	3.7	9.95	16.2	3.7	16.2
silica-total (mg/l)	0.5	1	1	3.9	0	3.9	3.9	3.9	3.9	3.9
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB04

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	1	0.15	0.141421	0.1	0.15	0.25	0.05	0.25
sodium-dissolved (mg/l)	0.8	2	2	10	10.04092	2.9	10	17.1	2.9	17.1
sodium-total (mg/l)	0.5	1	1	3	0	3	3	3	3	3
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	1	7.25	6.717514	5	7.25	12	2.5	12
solids-total dissolved calculated (mg/l)	5	2	2	931	733.9768	412	931	1450	412	1450
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	1075	883.8835	450	1075	1700	450	1700
solids-total suspended tss @ 105 c (mg/l)	5	2	1	12.75	14.49569	5	12.75	23	2.5	23
staff gages (feet)	N/A	3	3	6.97	0.283549	6.78	6.87	7.185	6.75	7.29
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	2	745.5	642.7601	291	745.5	1200	291	1200
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	1.13	0.070711	1.08	1.13	1.18	1.08	1.18
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	1	0.5	0.565685	0	0.5	0.9	0.1	0.9
thorium 230-suspended (pci/l)	0.2	2	1	0.3	0.282843	0.2	0.3	0.5	0.1	0.5
thorium 230-total (pci/l)	0.2	2	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	2	2	19.35	25.38513	1.4	19.35	37.3	1.4	37.3
uranium-dissolved (mg/l)	0.003	2	0	0.0015	0	0.0006	0.0015	0.0021	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	2	1	0.000775	0.000884	0.0003	0.000775	0.0014	0.00015	0.0014
uranium-total (mg/l)	0.0003	2	2	0.00155	0.001202	0.0007	0.00155	0.0024	0.0007	0.0024
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	2	2	18.3	12.40265	9.53	18.3	27.07	9.53	27.07
zinc-dissolved (mg/l)	0.01	2	2	0.22	0.212132	0.07	0.22	0.37	0.07	0.37

SUB04										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	2	0.235	0.247487	0.06	0.235	0.41	0.06	0.41

SUB06										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	0.980278	2.968659	1.37445	1.405555	3.335	-2.74	3.85
alkalinity-total as caco3 (mg/l)	5	4	1	22.375	39.75	5	2.5	43.5	2.5	82
aluminum-dissolved (mg/l)	0.1	4	4	122.85	41.39191	97.7	132.5	148	64.4	162
aluminum-total (mg/l)	0.1	4	3	97.2125	80.20549	31.45	111.4	163	0.05	166
ammonia (mg/l)	1	3	3	3.3	1.252996	2.35	3.4	4.225	2	4.5
anions (meq/l)	N/A	4	4	114.65	36.03272	92.8	119	136.5	66.6	154
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	4	4	0.00325	0.000957	0.0025	0.0035	0.004	0.002	0.004
arsenic-total (mg/l)	0.001	4	4	0.003	0.000816	0.0025	0.003	0.0035	0.002	0.004
bacteria, fecal coliform (cfu/100ml)	2	4	0	1	0	2	1	2	1	1
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	4	1	26.875	48.75	5	2.5	52.5	2.5	100
boron-dissolved (mg/l)	0.1	4	2	0.225	0.259808	0.1	0.125	0.4	0.05	0.6
boron-total (mg/l)	0.2	4	1	0.25	0.3	0.1	0.1	0.45	0.1	0.7
cadmium-dissolved (mg/l)	0.005	4	4	0.02575	0.008578	0.0205	0.026	0.031	0.015	0.036
cadmium-total (mg/l)	0.005	4	4	0.02675	0.005439	0.023	0.0285	0.0305	0.019	0.031
calcium-dissolved (mg/l)	0.5	4	4	461.25	92.59005	399.5	491.5	523	328	534
calcium-total (mg/l)	1	2	2	450.5	170.4127	330	450.5	571	330	571
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	115.5	31.01075	95.5	122.5	135.5	72	145
chloride (mg/l)	1	4	4	8	2.44949	6	8.5	10	5	10
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.01	0.025	0.03	0.025	0.025
chromium-hexavalent (mg/l)	N/A	4	4	0.02125	0.020156	0.0075	0.015	0.035	0.005	0.05
chromium-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB06

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	5411.5	1528.267	4125.5	5190.5	6697.5	4125	7140
conductivity @ 25 c (umhos/cm)	5	4	4	6087.5	1463.702	5160	6300	7015	4110	7640
copper-dissolved (mg/l)	0.01	4	4	0.1025	0.025	0.085	0.105	0.12	0.07	0.13
copper-total (mg/l)	0.01	4	4	0.1075	0.03594	0.08	0.115	0.135	0.06	0.14
dissolved oxygen (field, mg/l)	N/A	4	4	10.8125	3.132894	8.26	11.44	13.365	6.96	13.41
do meter charge	N/A	2	2	33.85	4.313351	30.8	33.85	36.9	30.8	36.9
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	5.125	1.717314	3.8	4.7	6.45	3.7	7.4
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	4	4	5542.5	2697.127	3320	5175	7765	3070	8750
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	4	4	2625	1053.17	1850	2850	3400	1200	3600
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	4	2	239.75	313.9006	10	137	469.5	10	675
iron-dissolved (mg/l)	0.03	4	4	4.8125	2.322518	3.08	5.01	6.545	1.88	7.35
iron-total (mg/l)	0.03	4	4	5.25	2.51628	3.425	5.295	7.075	2.19	8.22
lead 210-dissolved (pci/l)	1	3	0	0.5	0	-0.2	0.5	1	0.5	0.5
lead 210-suspended (pci/l)	1	3	1	1.566667	1.847521	1	0.5	3.025	0.5	3.7
lead 210-total (pci/l)	1	2	1	1.8	1.838478	1	1.8	3.1	0.5	3.1
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	4	2	0.00375	0.004975	0.001	0.00175	0.007	0.0005	0.011
magnesium-dissolved (mg/l)	0.5	4	4	698	188.3737	571.5	739	824.5	436	878
magnesium-total (mg/l)	0.5	2	2	684.5	347.1894	439	684.5	930	439	930
manganese-dissolved (mg/l)	0.01	4	4	226	69.56053	178	236	274	133	299
manganese-total (mg/l)	0.01	4	4	194.515	136.4865	107.53	230.5	281.5	0.06	317
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00055	0.0005	0.001	0.0005	0.0005

SUB06										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	4	5.0275	1.460693	4.04	5.325	6.015	3.01	6.45
nickel-total (mg/l)	0.05	4	3	3.93125	3.038811	1.54	4.585	6.335	0.025	6.53
nitrogen, nitrate as n (mg/l)	0.1	4	4	0.45	0.1	0.4	0.4	0.5	0.4	0.6
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	4	4	3.2825	0.158824	3.195	3.21	3.37	3.19	3.52
ph (field)	N/A	4	4	3.485	0.6812	3.015	3.35	3.955	2.82	4.42
polonium 210-dissolved (pci/l)	1	3	1	0.9	0.69282	0.475	0.5	1.525	0.5	1.7
polonium 210-suspended (pci/l)	1	3	2	2.133333	2.098412	0.65	1.4	3.725	0.5	4.5
polonium 210-total (pci/l)	1	2	1	1.8	1.838478	0.7	1.8	3.1	0.5	3.1
potassium-dissolved (mg/l)	0.5	4	4	27	7.483315	22	28	32	17	35
potassium-total (mg/l)	0.5	2	2	27.4	13.71787	17.7	27.4	37.1	17.7	37.1
radium 226-dissolved (pci/l)	0.2	4	4	2.65	1.212436	2.2	2.2	3.775	2.0	4.3
radium 226-suspended (pci/l)	0.2	4	1	0.325	0.45	0	0.1	0.6	0.1	1
radium 226-total (pci/l)	0.2	3	3	1.933333	0.11547	1.85	2	2	1.8	2
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	4	4	0.01875	0.011325	0.0115	0.0155	0.026	0.009	0.035
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	4	4	0.0125	0.003317	0.0105	0.013	0.0145	0.008	0.016
selenium-vi-dissolved (mg/l)	0.001	3	3	0.008333	0.006028	0.00375	0.009	0.01275	0.002	0.014
selenium-vi-total (mg/l)	0.001	4	4	0.0125	0.003317	0.0105	0.013	0.0145	0.008	0.016
silica-dissolved (mg/l)	0.5	4	4	27.875	12.14671	20.1	32.05	35.65	10.2	37.2
silica-total (mg/l)	0.5	2	2	26.45	21.28391	11.4	26.45	41.5	11.4	41.5
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB06										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	0.576667	0.130512	0.4775	0.59	0.6725	0.44	0.7
sodium-dissolved (mg/l)	0.8	4	4	84.775	25.05333	69.05	87.05	100.5	52	113
sodium-total (mg/l)	0.5	2	2	84.5	43.13351	54	84.5	115	54	115
solids-suspended sediment ssc @ 105 c (mg/l)	5	4	3	8.625	4.784959	6.5	9	12	2.5	14
solids-total dissolved calculated (mg/l)	5	4	4	6767.5	2011.871	5535	7055	8000	4050	8910
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	7000	1831.211	5650	7450	8350	4500	8600
solids-total suspended tss @ 105 c (mg/l)	5	4	2	7.25	5.722762	5	6.25	12	2.5	14
staff gages (feet)	N/A	3	3	10.92	1.269173	10.135	10.3	11.86	10.08	12.38
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	4	4	5310	1717.343	4105	5365	6515	3180	7330
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.065	0.202402	0.945	1.13	1.185	0.77	1.23
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	4	4	20.775	9.79128	15.05	24.5	26.5	6.3	27.8
thorium 230-suspended (pci/l)	0.2	4	1	0.325	0.45	0.2	0.1	0.6	0.1	1
thorium 230-total (pci/l)	0.2	3	3	22.13333	13.58762	12.075	28.8	30.525	6.5	31.1
thorium 232-dissolved (mg/l)	0.005	4	3	0.009125	0.004589	0.0075	0.0105	0.012	0.0025	0.013
thorium 232-suspended (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	4	3	0.008875	0.004479	0.0075	0.01	0.0115	0.0025	0.013
turbidity (ntu)	N/A	3	3	10.83333	10.90978	2.725	10.3	19.075	0.2	22
uranium-dissolved (mg/l)	0.003	4	4	5.5475	1.899533	4.255	5.565	6.84	3.22	7.84
uranium-suspended (mg/l)	0.0003	4	4	0.0015	0.000283	0.0013	0.0014	0.0017	0.0013	0.0019
uranium-total (mg/l)	0.0003	4	4	5.8875	1.645972	4.72	6.28	7.055	3.61	7.38
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	4	4	11.0475	11.73786	1.435	9.52	20.66	0.03	25.12
zinc-dissolved (mg/l)	0.01	4	4	4.5825	1.485247	3.65	4.38	5.515	2.99	6.58

SUB06										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	4	4	5.0375	1.811378	3.69	5.005	6.385	2.92	7.22

SUB07										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	-4.6975	8.001897	-9.825	-2.35	0.43	-16.2	2.11
alkalinity-total as caco3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
aluminum-dissolved (mg/l)	0.1	4	3	0.4625	0.464354	0.15	0.35	0.8	0.05	1.1
aluminum-total (mg/l)	0.1	4	4	0.875	0.57373	0.5	0.7	1.25	0.4	1.7
ammonia (mg/l)	1	3	2	1.766667	1.096966	0.75	2.4	2.4	0.5	2.4
anions (meq/l)	N/A	4	4	6.03	3.130463	3.77	5.065	8.29	3.59	10.4
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	4	1	0.000875	0.00075	0.001	0.0005	0.0015	0.0005	0.002
bacteria, fecal coliform (cfu/100ml)	2	4	0	1	0	2	1	2	1	1
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as hco3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
boron-dissolved (mg/l)	0.1	4	1	0.0875	0.075	0.1	0.05	0.15	0.05	0.2
boron-total (mg/l)	0.2	4	1	0.15	0.1	0.1	0.1	0.2	0.1	0.3
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	43.7	26.261	24.6	36.6	62.8	21.6	80
calcium-total (mg/l)	1	2	2	24.8	3.11127	22.6	24.8	27	22.6	27
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	5.7775	3.642667	3.14	4.86	8.415	2.59	10.8
chloride (mg/l)	1	4	4	5.75	3.5	3	5.5	8.5	2	10
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	4	4	0.02	0.021213	0.005	0.0125	0.035	0.005	0.05
chromium-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB07

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	552	227.5126	363	547.5	741	312	801
conductivity @ 25 c (umhos/cm)	5	4	4	566.75	302.0788	342.5	506	791	283	972
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	4	1	0.00875	0.0075	0.01	0.005	0.015	0.005	0.02
dissolved oxygen (field, mg/l)	N/A	4	4	9.875	1.742575	8.575	10.055	11.175	7.65	11.74
do meter charge	N/A	2	2	49.2	5.798276	45.1	49.2	53.3	45.1	53.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.2	0	0.2	0.2	0.2	0.2	0.2
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	4	4	4.525	1.774589	3.5	5.2	5.55	1.9	5.8
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	4	4	21.1	10.10577	12.75	19.6	29.45	12.1	33.1
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	4	1	330	640	10	10	655	10	1290
iron-dissolved (mg/l)	0.03	4	4	0.6525	0.640176	0.275	0.46	1.03	0.11	1.58
iron-total (mg/l)	0.03	4	4	1.33	0.50682	1.025	1.535	1.635	0.58	1.67
lead 210-dissolved (pci/l)	1	3	0	0.5	0	-0.8	0.5	1	0.5	0.5
lead 210-suspended (pci/l)	1	3	1	0.766667	0.46188	0.7	0.5	1.225	0.5	1.3
lead 210-total (pci/l)	1	2	0	0.5	0	-0.8	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	2	0.002	0.00178	0.001	0.00175	0.0035	0.0005	0.004
lead-total (mg/l)	0.001	4	2	0.00425	0.005951	0.001	0.00175	0.008	0.0005	0.013
magnesium-dissolved (mg/l)	0.5	4	4	25.975	16.44878	14.3	21.35	37.65	12.2	49
magnesium-total (mg/l)	0.5	2	2	14.35	2.333452	12.7	14.35	16	12.7	16
manganese-dissolved (mg/l)	0.01	4	4	4.645	2.818658	2.415	4.195	6.875	1.98	8.21
manganese-total (mg/l)	0.01	4	4	4.845	3.181535	2.395	4.155	7.295	2.03	9.04
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

SUB07										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	3	0.09375	0.06421	0.045	0.09	0.145	0.025	0.17
nickel-total (mg/l)	0.05	4	3	0.09625	0.062633	0.06	0.095	0.145	0.025	0.17
nitrogen, nitrate as n (mg/l)	0.1	4	3	0.2125	0.143614	0.15	0.2	0.3	0.05	0.4
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	4	4	4.265	0.495345	3.965	4.14	4.565	3.81	4.97
ph (field)	N/A	3	3	4.263333	0.480451	3.9175	4.18	4.63	3.83	4.78
polonium 210-dissolved (pci/l)	1	3	1	0.933333	0.750555	0.55	0.5	1.6	0.5	1.8
polonium 210-suspended (pci/l)	1	3	1	0.766667	0.46188	0.925	0.5	1.225	0.5	1.3
polonium 210-total (pci/l)	1	2	2	1.3	0	1.3	1.3	1.3	1.3	1.3
potassium-dissolved (mg/l)	0.5	4	4	22.25	12.76388	12	20.5	32.5	10	38
potassium-total (mg/l)	0.5	2	2	12.2	2.12132	10.7	12.2	13.7	10.7	13.7
radium 226-dissolved (pci/l)	0.2	4	3	0.5	0.316228	0.19	0.55	0.75	0.1	0.8
radium 226-suspended (pci/l)	0.2	4	2	0.25	0.191485	-0.1	0.2	0.4	0.1	0.5
radium 226-total (pci/l)	0.2	3	2	0.466667	0.351188	-0.16	0.5	0.725	0.1	0.8
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	4	1	0.001625	0.00225	0.001	0.0005	0.003	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	4	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	4	3	1.3625	1.070339	0.75	1.2	2.1	0.25	2.8
silica-total (mg/l)	0.5	2	2	3.15	2.474874	1.4	3.15	4.9	1.4	4.9
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB07										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	2	0.116667	0.061101	0.1075	0.13	0.16	0.05	0.17
sodium-dissolved (mg/l)	0.8	4	4	5.35	3.515205	2.7	4.7	8	2	10
sodium-total (mg/l)	0.5	2	2	2.75	1.06066	2	2.75	3.5	2	3.5
solids-suspended sediment ssc @ 105 c (mg/l)	5	4	3	15.375	9.689986	10.5	16.5	21.5	2.5	26
solids-total dissolved calculated (mg/l)	5	4	4	390	209.0183	239.5	326.5	540.5	225	682
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	382.5	231.2827	200	335	565	180	680
solids-total suspended tss @ 105 c (mg/l)	5	4	3	12.875	13.06634	6.5	8.5	20.5	2.5	32
staff gages (feet)	N/A	4	4	7.2375	1.018442	6.61	7.04	7.865	6.22	8.65
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	4	4	298.25	150.4911	176	270	420.5	169	484
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	0.94	0.153406	0.82	0.925	1.06	0.78	1.13
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	4	1	0.275	0.35	0.05	0.1	0.5	0.1	0.8
thorium 230-suspended (pci/l)	0.2	4	2	0.35	0.378594	0.1	0.2	0.6	0.1	0.9
thorium 230-total (pci/l)	0.2	3	0	0.1	1.7E-17	0.125	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	3	3	16.6	21.66126	3.125	6.2	32.675	2.1	41.5
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.00035	0.0015	0.00175	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	4	3	0.000613	0.000494	0.00035	0.0005	0.00095	0.00015	0.0013
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	4	4	16.755	8.625004	10.535	15.17	22.975	8.3	28.38
zinc-dissolved (mg/l)	0.01	4	4	0.1025	0.062383	0.05	0.1	0.155	0.04	0.17

SUB07										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	4	4	0.105	0.075498	0.05	0.1	0.16	0.02	0.2

SUB08

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	2.51475	3.119207	-0.0305	2.137	5.06	-0.475	6.26
alkalinity-total as CaCO_3 (mg/l)	5	4	4	153.5	63.42187	116	133	191	102	246
aluminum-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	0.1	3	1	0.133333	0.144338	0.1	0.05	0.25	0.05	0.3
ammonia (mg/l)	1	3	0	0.5	0	0.1	0.5	0.325	0.5	0.5
anions (meq/l)	N/A	4	4	34.025	10.74131	27.5	37	40.55	18.6	43.5
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	3	2	0.001833	0.001258	0.00125	0.002	0.00275	0.0005	0.003
arsenic-total (mg/l)	0.001	4	3	0.002375	0.001493	0.0015	0.0025	0.0035	0.0005	0.004
bacteria, fecal coliform (cfu/100ml)	2	4	2	4.5	5.196152	2	2.5	8	1	12
barium-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	4	4	176.25	88.69564	119.5	157.5	233	90	300
boron-dissolved (mg/l)	0.1	3	3	0.533333	0.152753	0.425	0.5	0.65	0.4	0.7
boron-total (mg/l)	0.2	4	4	0.52	0.127541	0.44	0.49	0.6	0.4	0.7
cadmium-dissolved (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	3	3	133.1333	53.30528	93.05	134	173	79.4	186
calcium-total (mg/l)	1	3	3	122.0333	51.93364	87.825	102	161.25	83.1	181
carbonate as CO_3 (mg/l)	5	4	1	6.125	7.25	5	2.5	11	2.5	17
cations (meq/l)	N/A	4	4	35.825	11.99316	28.4	36.95	43.25	20.1	49.3
chloride (mg/l)	1	4	4	29	11.94432	20	30	38	14	42
chromium-dissolved (mg/l)	0.05	3	0	0.025	4.25E-18	0.01	0.025	0.04	0.025	0.025
chromium-hexavalent (mg/l)	N/A	3	3	0.006	0.001732	0.005	0.005	0.00725	0.005	0.008
chromium-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB08

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	2988.75	1056.896	2124	2928	3853.5	1891	4208
conductivity @ 25 c (umhos/cm)	5	4	4	3192.5	1017.624	2480	3395	3905	1800	4180
copper-dissolved (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	10.8375	2.357179	9.33	11.35	12.345	7.54	13.11
do meter charge	N/A	4	4	43.575	12.16426	33.35	45.1	53.8	29.8	54.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.425	0.05	0.4	0.4	0.45	0.4	0.5
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	4	3	7.9	6.358721	2.9	8.5	13.15	0.5	14.1
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	4	4	12.375	2.028752	10.8	12.9	13.95	9.7	14
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	3	0	10	0	5	10	20	10	10
iron-dissolved (mg/l)	0.03	3	1	0.023333	0.014434	0.03	0.015	0.0375	0.015	0.04
iron-total (mg/l)	0.03	4	4	0.27	0.205751	0.105	0.225	0.435	0.1	0.53
lead 210-dissolved (pci/l)	1	3	2	2.333333	2.084067	1.225	1.9	3.925	0.5	4.6
lead 210-suspended (pci/l)	1	3	1	1.466667	1.674316	1	0.5	2.8	0.5	3.4
lead 210-total (pci/l)	1	3	2	3.466667	2.592939	1.9	4.6	5.125	0.5	5.3
lead-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	4	1	0.003625	0.00625	0.001	0.0005	0.007	0.0005	0.013
magnesium-dissolved (mg/l)	0.5	3	3	55.4	23.65396	37.6	55.9	73.075	31.5	78.8
magnesium-total (mg/l)	0.5	3	3	57.26667	22.52473	40.125	60	73.725	33.5	78.3
manganese-dissolved (mg/l)	0.01	3	2	0.155	0.190984	0.03	0.09	0.3	0.005	0.37
manganese-total (mg/l)	0.01	4	3	0.12125	0.16755	0.03	0.055	0.215	0.005	0.37
mercury-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00055	0.0005	0.001	0.0005	0.0005

SUB08

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	3	0	0.025	4.25E-18	0.01	0.025	0.04	0.025	0.025
nickel-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	1	0.0875	0.075	0.1	0.05	0.15	0.05	0.2
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	4	4	8.355	0.930752	7.565	8.255	9.145	7.54	9.37
ph (field)	N/A	4	4	8.41	0.901369	7.645	8.4	9.175	7.5	9.34
polonium 210-dissolved (pci/l)	1	3	0	0.5	0	0.25	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	3	1	1.1	1.03923	0.4	0.5	1.975	0.5	2.3
polonium 210-total (pci/l)	1	3	1	1.1	1.03923	0.4	0.5	1.975	0.5	2.3
potassium-dissolved (mg/l)	0.5	3	3	13.66667	3.05505	11.5	13	16	11	17
potassium-total (mg/l)	0.5	3	3	13.86667	2.302897	12.125	14	15.575	11.5	16.1
radium 226-dissolved (pci/l)	0.2	3	0	0.1	1.7E-17	-0.025	0.1	0.2	0.1	0.1
radium 226-suspended (pci/l)	0.2	4	1	0.375	0.55	-0.1	0.1	0.7	0.1	1.2
radium 226-total (pci/l)	0.2	4	2	0.275	0.206155	-0.16	0.25	0.45	0.1	0.5
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	3	1	0.002	0.002598	0.001	0.0005	0.004	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	4	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	3	2	5.716667	4.951347	2.125	7	9.175	0.25	9.9
silica-total (mg/l)	0.5	3	3	4.266667	5.832095	0.85	1	8.5	0.8	11
silver-dissolved (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB08										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	10.1	2.475884	8.225	11	11.75	7.3	12
sodium-dissolved (mg/l)	0.8	3	3	546.3333	228.9461	372	576	713.25	304	759
sodium-total (mg/l)	0.5	3	3	577	235.1957	397.5	618	746.25	324	789
solids-suspended sediment ssc @ 105 c (mg/l)	5	4	3	23.125	28.94355	8	12	39.5	2.5	66
solids-total dissolved calculated (mg/l)	5	4	4	2327.5	745.5814	1870	2510	2785	1270	3020
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	2525	884.5903	1950	2700	3100	1300	3400
solids-total suspended tss @ 105 c (mg/l)	5	4	2	6.5	5.43139	5	4.75	10.5	2.5	14
staff gages (feet)	N/A	2	2	7.37	0.028284	7.35	7.37	7.39	7.35	7.39
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	4	4	1499.25	517.0128	1163.5	1685	1835	747	1880
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0675	0.060208	1.02	1.08	1.115	0.99	1.12
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	4	1	0.225	0.25	0.15	0.1	0.4	0.1	0.6
thorium 232-dissolved (mg/l)	0.005	3	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	4	4	6.075	4.43875	2.4	6.15	9.75	1.2	10.8
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0021	0.0015	0.0027	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	1	0.000363	0.000425	0.0003	0.00015	0.00065	0.00015	0.001
uranium-total (mg/l)	0.0003	4	4	0.0019	0.000316	0.00165	0.00185	0.00215	0.0016	0.0023
vanadium-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	4	4	11.2	11.24795	2.135	10.095	20.265	-0.15	24.76
zinc-dissolved (mg/l)	0.01	3	2	0.015	0.00866	0.0125	0.02	0.02	0.005	0.02

SUB08

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	4	1	0.01375	0.0175	0.01	0.005	0.025	0.005	0.04

SUB09

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	2	2	1.835	2.538513	0.04	1.835	3.63	0.04	3.63
alkalinity-total as CaCO_3 (mg/l)	5	2	2	54	36.76955	28	54	80	28	80
aluminum-dissolved (mg/l)	0.1	2	1	0.125	0.106066	0.1	0.125	0.2	0.05	0.2
aluminum-total (mg/l)	0.1	2	2	23.8	26.87006	4.8	23.8	42.8	4.8	42.8
ammonia (mg/l)	1	2	0	0.5	0	0.1	0.5	0.8	0.5	0.5
anions (meq/l)	N/A	2	2	2.59	0.325269	2.36	2.59	2.82	2.36	2.82
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	2	1	0.00125	0.001061	0.001	0.00125	0.002	0.0005	0.002
arsenic-total (mg/l)	0.001	2	2	0.0095	0.010607	0.002	0.0095	0.017	0.002	0.017
bacteria, fecal coliform (cfu/100ml)	2	2	2	97	131.5219	4	97	190	4	190
barium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	1	0.125	0.106066	0.1	0.125	0.2	0.05	0.2
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	2	2	66	45.25483	34	66	98	34	98
boron-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.2	0.1	0.1
cadmium-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	2	2	17.8	0.565685	17.4	17.8	18.2	17.4	18.2
calcium-total (mg/l)	1	2	2	20.85	2.474874	19.1	20.85	22.6	19.1	22.6
carbonate as CO_3 (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	2	2	2.68	0.19799	2.54	2.68	2.82	2.54	2.82
chloride (mg/l)	1	2	2	6	2.828427	4	6	8	4	8
chromium-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	2	2	0.0075	0.003536	0.005	0.0075	0.01	0.005	0.01
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	2	1	0.0275	0.03182	0.01	0.0275	0.05	0.005	0.05

SUB09

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	2	2	306.5	14.84924	296	306.5	317	296	317
conductivity @ 25 c (umhos/cm)	5	2	2	273	33.94113	249	273	297	249	297
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	1	0.0125	0.010607	0.01	0.0125	0.02	0.005	0.02
dissolved oxygen (field, mg/l)	N/A	2	2	8.795	1.209153	7.94	8.795	9.65	7.94	9.65
do meter charge	N/A	1	1	43.1	0	43.1	43.1	43.1	43.1	43.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	2	2	0.55	0.070711	0.5	0.55	0.6	0.5	0.6
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	8.55	10.39447	1.2	8.55	15.9	1.2	15.9
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	17.65	4.17193	14.7	17.65	20.6	14.7	20.6
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	0	10	0	0	10	20	10	10
iron-dissolved (mg/l)	0.03	2	2	0.125	0.120208	0.04	0.125	0.21	0.04	0.21
iron-total (mg/l)	0.03	2	2	20.3	23.61737	3.6	20.3	37	3.6	37
lead 210-dissolved (pci/l)	1	1	0	0.5	0	-0.9	0.5	-0.9	0.5	0.5
lead 210-suspended (pci/l)	1	1	1	4.5	0	4.5	4.5	4.5	4.5	4.5
lead 210-total (pci/l)	1	1	1	3.6	0	3.6	3.6	3.6	3.6	3.6
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.0245	0.028991	0.004	0.0245	0.045	0.004	0.045
magnesium-dissolved (mg/l)	0.5	2	2	10.7	0.565685	10.3	10.7	11.1	10.3	11.1
magnesium-total (mg/l)	0.5	2	2	15.25	4.313351	12.2	15.25	18.3	12.2	18.3
manganese-dissolved (mg/l)	0.01	2	1	0.0425	0.053033	0.01	0.0425	0.08	0.005	0.08
manganese-total (mg/l)	0.01	2	2	0.125	0.148492	0.02	0.125	0.23	0.02	0.23
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0001	0.0005	0.0001	0.0005	0.0005

SUB09

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	2	1	0.175	0.176777	0.1	0.175	0.3	0.05	0.3
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	7.91	0.721249	7.4	7.91	8.42	7.4	8.42
ph (field)	N/A	1	1	7.91	0	7.91	7.91	7.91	7.91	7.91
polonium 210-dissolved (pci/l)	1	1	0	0.5	0	0	0.5	0	0.5	0.5
polonium 210-suspended (pci/l)	1	1	0	0.5	0	0.9	0.5	0.9	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	0.9	0.5	0.9	0.5	0.5
potassium-dissolved (mg/l)	0.5	2	2	14	1.414214	13	14	15	13	15
potassium-total (mg/l)	0.5	2	2	20.95	5.586144	17	20.95	24.9	17	24.9
radium 226-dissolved (pci/l)	0.2	2	0	0.1	0	0.03	0.1	0.1	0.1	0.1
radium 226-suspended (pci/l)	0.2	2	1	0.3	0.282843	-0.06	0.3	0.5	0.1	0.5
radium 226-total (pci/l)	0.2	2	1	0.3	0.282843	0.04	0.3	0.5	0.1	0.5
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.002	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	2	1	0.00125	0.001061	0.001	0.00125	0.002	0.0005	0.002
silica-dissolved (mg/l)	0.5	2	2	3.75	3.040559	1.6	3.75	5.9	1.6	5.9
silica-total (mg/l)	0.5	2	2	46.45	38.11306	19.5	46.45	73.4	19.5	73.4
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB09

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	2	0.52	0.141421	0.42	0.52	0.62	0.42	0.62
sodium-dissolved (mg/l)	0.8	2	2	11.35	3.323402	9	11.35	13.7	9	13.7
sodium-total (mg/l)	0.5	2	2	11.2	3.11127	9	11.2	13.4	9	13.4
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	2	272	216.3747	119	272	425	119	425
solids-total dissolved calculated (mg/l)	5	2	2	166.5	24.74874	149	166.5	184	149	184
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	265	21.2132	250	265	280	250	280
solids-total suspended tss @ 105 c (mg/l)	5	2	2	145	63.63961	100	145	190	100	190
staff gages (feet)	N/A	2	2	5.76	0.367696	5.5	5.76	6.02	5.5	6.02
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	1	56.5	54.44722	28	56.5	95	18	95
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	1.62	0.353553	1.37	1.62	1.87	1.37	1.87
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	0	0.1	0	0	0.1	0	0.1	0.1
thorium 230-suspended (pci/l)	0.2	2	2	0.45	0.070711	0.4	0.45	0.5	0.4	0.5
thorium 230-total (pci/l)	0.2	2	2	0.5	0	0.5	0.5	0.5	0.5	0.5
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
thorium 232-total (mg/l)	0.005	2	1	0.00625	0.005303	0.005	0.00625	0.01	0.0025	0.01
turbidity (ntu)	N/A	1	1	850	0	850	850	850	850	850
uranium-dissolved (mg/l)	0.003	2	1	0.00355	0.002899	0.0005	0.00355	0.0056	0.0015	0.0056
uranium-suspended (mg/l)	0.0003	2	1	0.000575	0.000601	0.0003	0.000575	0.001	0.00015	0.001
uranium-total (mg/l)	0.0003	2	2	0.00155	0.001061	0.0008	0.00155	0.0023	0.0008	0.0023
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	2	2	20.14	9.376236	13.51	20.14	26.77	13.51	26.77
zinc-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB09										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	2	0.065	0.06364	0.02	0.065	0.11	0.02	0.11

SUB10										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	2	2	5.845	0.954594	5.17	5.845	6.52	5.17	6.52
alkalinity-total as caCO ₃ (mg/l)	5	2	2	46	11.31371	38	46	54	38	54
aluminum-dissolved (mg/l)	0.1	2	1	0.175	0.176777	0.1	0.175	0.3	0.05	0.3
aluminum-total (mg/l)	0.1	2	2	19	22.62742	3	19	35	3	35
ammonia (mg/l)	1	2	0	0.5	0	0.1	0.5	0.3	0.5	0.5
anions (meq/l)	N/A	2	2	15.415	16.52509	3.73	15.415	27.1	3.73	27.1
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	2	0.006	0.005657	0.002	0.006	0.01	0.002	0.01
bacteria, fecal coliform (cfu/100ml)	2	2	2	87	117.3797	4	87	170	4	170
barium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO ₃ (mg/l)	5	2	2	56	14.14214	46	56	66	46	66
boron-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	2	2	141	151.3209	34	141	248	34	248
calcium-total (mg/l)	1	2	2	147.3	152.3108	39.6	147.3	255	39.6	255
carbonate as CO ₃ (mg/l)	5	2	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	2	2	17.52	18.92218	4.14	17.52	30.9	4.14	30.9
chloride (mg/l)	1	2	2	17.5	20.5061	3	17.5	32	3	32
chromium-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	2	2	0.0075	0.003536	0.005	0.0075	0.01	0.005	0.01
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	2	1	0.0275	0.03182	0.01	0.0275	0.05	0.005	0.05

SUB10

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	2	2	1335	1269.964	437	1335	2233	437	2233
conductivity @ 25 c (umhos/cm)	5	2	2	1454.5	1464.418	419	1454.5	2490	419	2490
copper-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	1	0.0125	0.010607	0.01	0.0125	0.02	0.005	0.02
dissolved oxygen (field, mg/l)	N/A	2	2	10.09	0.014142	10.08	10.09	10.1	10.08	10.1
do meter charge	N/A	1	1	43.1	0	43.1	43.1	43.1	43.1	43.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	2	2	0.25	0.070711	0.2	0.25	0.3	0.2	0.3
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	2	2	12.65	5.16188	9	12.65	16.3	9	16.3
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	2	2	29.3	10.18234	22.1	29.3	36.5	22.1	36.5
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	2	0	10	0	0	10	20	10	10
iron-dissolved (mg/l)	0.03	2	1	0.0775	0.088388	0.03	0.0775	0.14	0.015	0.14
iron-total (mg/l)	0.03	2	2	18.295	21.78596	2.89	18.295	33.7	2.89	33.7
lead 210-dissolved (pci/l)	1	1	0	0.5	0	0.1	0.5	0.1	0.5	0.5
lead 210-suspended (pci/l)	1	1	1	5.2	0	5.2	5.2	5.2	5.2	5.2
lead 210-total (pci/l)	1	1	1	5.3	0	5.3	5.3	5.3	5.3	5.3
lead-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.021	0.025456	0.003	0.021	0.039	0.003	0.039
magnesium-dissolved (mg/l)	0.5	2	2	58.75	62.57895	14.5	58.75	103	14.5	103
magnesium-total (mg/l)	0.5	2	2	62.8	59.67981	20.6	62.8	105	20.6	105
manganese-dissolved (mg/l)	0.01	2	2	0.03	0.014142	0.02	0.03	0.04	0.02	0.04
manganese-total (mg/l)	0.01	2	2	0.195	0.219203	0.04	0.195	0.35	0.04	0.35
mercury-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0001	0.0005	0.0001	0.0005	0.0005

SUB10

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	2	0	0.025	0	0.01	0.025	0.01	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	2	1	0.325	0.388909	0.1	0.325	0.6	0.05	0.6
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	2	2	7.575	0.869741	6.96	7.575	8.19	6.96	8.19
ph (field)	N/A	2	2	7.625	1.081873	6.86	7.625	8.39	6.86	8.39
polonium 210-dissolved (pci/l)	1	1	0	0.5	0	0	0.5	0	0.5	0.5
polonium 210-suspended (pci/l)	1	1	1	1.1	0	1.1	1.1	1.1	1.1	1.1
polonium 210-total (pci/l)	1	1	1	1.1	0	1.1	1.1	1.1	1.1	1.1
potassium-dissolved (mg/l)	0.5	2	2	27	19.79899	13	27	41	13	41
potassium-total (mg/l)	0.5	2	2	32.7	13.57645	23.1	32.7	42.3	23.1	42.3
radium 226-dissolved (pci/l)	0.2	2	0	0.1	0	0.1	0.1	0.2	0.1	0.1
radium 226-suspended (pci/l)	0.2	2	2	0.85	0.353553	0.6	0.85	1.1	0.6	1.1
radium 226-total (pci/l)	0.2	2	2	1	0.282843	0.8	1	1.2	0.8	1.2
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	2	1	0.00275	0.003182	0.001	0.00275	0.005	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	2	1	2.275	2.863782	0.5	2.275	4.3	0.25	4.3
silica-total (mg/l)	0.5	2	2	37.5	38.32519	10.4	37.5	64.6	10.4	64.6
silver-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB10

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	2	1.75	1.484924	0.7	1.75	2.8	0.7	2.8
sodium-dissolved (mg/l)	0.8	2	2	113.5	133.6432	19	113.5	208	19	208
sodium-total (mg/l)	0.5	2	2	114	134.3503	19	114	209	19	209
solids-suspended sediment ssc @ 105 c (mg/l)	5	2	2	466	383.2519	195	466	737	195	737
solids-total dissolved calculated (mg/l)	5	2	2	1064	1139.856	258	1064	1870	258	1870
solids-total dissolved tds @ 180 c (mg/l)	5	2	2	1255	1195.01	410	1255	2100	410	2100
solids-total suspended tss @ 105 c (mg/l)	5	2	2	235	21.2132	220	235	250	220	250
staff gages (feet)	N/A	2	2	7.425	0.954594	6.75	7.425	8.1	6.75	8.1
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	2	2	672.5	760.1398	135	672.5	1210	135	1210
tds balance (0.80 - 1.20) (dec.%)	N/A	2	2	1.345	0.346482	1.1	1.345	1.59	1.1	1.59
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
thorium 230-suspended (pci/l)	0.2	2	2	0.4	0.141421	0.3	0.4	0.5	0.3	0.5
thorium 230-total (pci/l)	0.2	2	2	0.55	0.070711	0.5	0.55	0.6	0.5	0.6
thorium 232-dissolved (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	2	2	0.004	0.001414	0.003	0.004	0.005	0.003	0.005
thorium 232-total (mg/l)	0.005	2	1	0.00875	0.008839	0.005	0.00875	0.015	0.0025	0.015
turbidity (ntu)	N/A	2	2	443	476.59	106	443	780	106	780
uranium-dissolved (mg/l)	0.003	2	0	0.0015	0	0.0005	0.0015	0.0027	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	2	2	0.00075	7.07E-05	0.0007	0.00075	0.0008	0.0007	0.0008
uranium-total (mg/l)	0.0003	2	2	0.00275	0.000778	0.0022	0.00275	0.0033	0.0022	0.0033
vanadium-dissolved (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	2	2	22.315	14.48862	12.07	22.315	32.56	12.07	32.56
zinc-dissolved (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB10

Constituent	PQL	ⁿ Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	2	1	0.0475	0.060104	0.01	0.0475	0.09	0.005	0.09

SUB11

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	4.73	6.495347	0.155	6.105	9.305	-4.19	10.9
alkalinity-total as CaCO_3 (mg/l)	5	4	4	50.5	52.2143	12	37	89	6	122
aluminum-dissolved (mg/l)	0.1	4	3	0.3125	0.278014	0.15	0.25	0.5	0.05	0.7
aluminum-total (mg/l)	0.1	4	4	3.3	4.23871	0.85	1.55	5.75	0.5	9.6
ammonia (mg/l)	1	3	1	1.033333	0.92376	0.1	0.5	1.6	0.5	2.1
anions (meq/l)	N/A	4	4	1.5775	0.972433	0.855	1.385	2.3	0.66	2.88
antimony-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic-dissolved (mg/l)	0.001	4	2	0.00125	0.000866	0.001	0.00125	0.002	0.0005	0.002
arsenic-total (mg/l)	0.001	4	4	0.005	0.000816	0.0045	0.005	0.0055	0.004	0.006
bacteria, fecal coliform (cfu/100ml)	2	4	3	11.75	7.932003	7	13	17	1	20
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
bicarbonate as HCO_3 (mg/l)	5	4	4	61.5	63.84617	14.5	45	108.5	7	149
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	4	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	13.575	6.609274	8.75	13	18.4	6.3	22
calcium-total (mg/l)	1	2	2	9.5	3.959798	6.7	9.5	12.3	6.7	12.3
carbonate as CO_3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	1.6475	0.796173	1.03	1.555	2.265	0.83	2.65
chloride (mg/l)	1	4	2	1.75	1.658312	1	1.25	3	0.5	4
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.01	0.025	0.01	0.025	0.025
chromium-hexavalent (mg/l)	N/A	4	4	0.0175	0.021794	0.005	0.0075	0.03	0.005	0.05
chromium-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005

SUB11

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	170.5	61.17461	131	163	210	104	252
conductivity @ 25 c (umhos/cm)	5	4	4	147.425	60.80616	99.85	159.5	195	68.7	202
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	7.4525	5.373747	3.335	6.09	11.57	3.01	14.62
do meter charge	N/A	3	3	43.4	12.47117	33.875	46.1	52.25	29.8	54.3
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.275	0.095743	0.2	0.25	0.35	0.2	0.4
gross alpha-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross alpha-total (pci/l)	1	4	4	3.925	3.701689	1.7	2.45	6.15	1.4	9.4
gross beta-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-total (pci/l)	2	4	4	8.975	2.218671	7.45	9.75	10.5	5.8	10.6
gross gamma-dissolved (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-total (pci/l)	20	4	1	282.5	545	10	10	560	10	1100
iron-dissolved (mg/l)	0.03	4	4	1.24	0.672062	0.665	1.21	1.815	0.61	1.93
iron-total (mg/l)	0.03	4	3	17.22875	13.27116	7.865	18.55	26.6	0.015	31.8
lead 210-dissolved (pci/l)	1	3	1	1.4	1.558846	1	0.5	2.65	0.5	3.2
lead 210-suspended (pci/l)	1	3	2	4.566667	3.868247	2	5	7.4	0.5	8.2
lead 210-total (pci/l)	1	2	1	4.35	5.444722	1	4.35	8.2	0.5	8.2
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	4	4	0.007	0.009345	0.002	0.0025	0.012	0.002	0.021
magnesium-dissolved (mg/l)	0.5	4	4	3.825	1.728921	2.55	3.7	5.1	1.9	6
magnesium-total (mg/l)	0.5	2	2	3.2	1.555635	2.1	3.2	4.3	2.1	4.3
manganese-dissolved (mg/l)	0.01	4	4	1.1575	0.595448	0.655	1.13	1.66	0.57	1.8
manganese-total (mg/l)	0.01	4	4	1.475	0.902903	0.785	1.285	2.165	0.66	2.67
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

SUB11

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.01	0.025	0.02	0.025	0.025
nickel-total (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oxidation-reduction potential (mv)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ph	0.01	4	4	6.5225	0.45522	6.185	6.545	6.86	5.96	7.04
ph (field)	N/A	4	4	6.4075	0.941643	5.615	6.365	7.2	5.47	7.43
polonium 210-dissolved (pci/l)	1	3	0	0.5	0	0.1	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	3	3	1.633333	0.472582	1.275	1.8	1.95	1.1	2
polonium 210-total (pci/l)	1	2	1	1.15	0.919239	0.9	1.15	1.8	0.5	1.8
potassium-dissolved (mg/l)	0.5	4	4	8.5	4.203173	5	8.5	12	4	13
potassium-total (mg/l)	0.5	2	2	7.1	2.687006	5.2	7.1	9	5.2	9
radium 226-dissolved (pci/l)	0.2	3	1	0.3	0.34641	-0.05	0.1	0.55	0.1	0.7
radium 226-suspended (pci/l)	0.2	4	2	0.35	0.331662	-0.1	0.25	0.6	0.1	0.8
radium 226-total (pci/l)	0.2	3	1	0.366667	0.46188	-0.3325	0.1	0.725	0.1	0.9
radon 222-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-dissolved (mg/l)	0.001	4	2	0.0025	0.002345	0.001	0.00225	0.0045	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-total (mg/l)	0.002	4	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
silica-dissolved (mg/l)	0.5	4	4	4.625	3.475989	1.7	4.85	7.55	0.8	8
silica-total (mg/l)	0.5	2	2	13.1	9.899495	6.1	13.1	20.1	6.1	20.1
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

SUB11

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	0.243333	0.055076	0.2025	0.24	0.285	0.19	0.3
sodium-dissolved (mg/l)	0.8	4	4	4.2	1.606238	2.85	4.05	5.55	2.7	6
sodium-total (mg/l)	0.5	2	2	1.95	0.070711	1.9	1.95	2	1.9	2
solids-suspended sediment ssc @ 105 c (mg/l)	5	4	4	114.5	54.13871	74.5	98.5	154.5	72	189
solids-total dissolved calculated (mg/l)	5	4	4	93.25	47.10538	60.5	88	126	42	155
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	162.5	59.09033	115	170	210	90	220
solids-total suspended tss @ 105 c (mg/l)	5	4	4	83.5	25.48856	67.5	76.5	99.5	61	120
staff gages (feet)	N/A	5	5	7.264	0.25774	7.095	7.24	7.5	6.9	7.53
strontium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sulfate (mg/l)	36	4	1	24.25	12.5	13.5	18	34	18	43
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.9025	0.544816	1.455	1.81	2.35	1.43	2.56
thallium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 230-dissolved (pci/l)	0.2	4	1	0.475	0.75	0.1	0.1	0.9	0.1	1.6
thorium 230-suspended (pci/l)	0.2	4	2	0.9	1.407125	0.05	0.25	1.7	0.1	3
thorium 230-total (pci/l)	0.2	3	1	1.066667	1.674316	0.2	0.1	2.3	0.1	3
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 232-total (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
turbidity (ntu)	N/A	3	3	293	145.0379	187.5	273	403.5	159	447
uranium-dissolved (mg/l)	0.003	4	1	0.009525	0.01605	0.0003	0.0015	0.01725	0.0015	0.0336
uranium-suspended (mg/l)	0.0003	4	2	0.0006	0.000743	0.0003	0.000275	0.00105	0.00015	0.0017
uranium-total (mg/l)	0.0003	4	3	0.000738	0.000634	0.00035	0.0006	0.0012	0.00015	0.0016
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
water temperature (field, deg c)	N/A	4	4	14.315	14.0626	4.19	10.895	24.44	1.77	33.7
zinc-dissolved (mg/l)	0.01	4	3	0.02625	0.01493	0.02	0.03	0.035	0.005	0.04

SUB11										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-total (mg/l)	0.01	4	2	0.015	0.012247	0.01	0.0125	0.025	0.005	0.03

Appendix 2.7-G

Attachment A

GROUNDWATER QUALITY SITES

RAW DATA

Well #2				
Analyte	9/26/2007 12:46	11/12/2007 9:25	2/12/2008 10:21	5/30/2008 15:21
A/C Balance (± 5) (%)	-2.46	0.663	-2.6	3.25
Alkalinity-Total as CaCO ₃ (mg/L)	214	208	88	212
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	0.4	0.8	0.3
Anions (meq/L)	16.7	16.5	53.3	16.6
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	<0.001	0.004
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	261	254	107	258
Boron-Dissolved (mg/L)	<0.1	<0.1	0.7	0.1
Boron-Total (mg/L)	ND	ND	0.6	<0.1
Cadmium-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	48.5	51.7	241	57.8
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	15.9	16.7	50.6	17.7
Chloride (mg/L)	10	11	26	9
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1070	1541	1579	1555
Conductivity @ 25 C (umhos/cm)	1570	1500	4400	1670
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	1.87	ND	ND
Fluoride (mg/L)	0.2	0.2	0.4	0.3
Gross Alpha-Dissolved (pCi/L)	1.4	8.7	3.5	8.2
Gross Beta-Dissolved (pCi/L)	9.3	12.4	14.4	10.3
Gross Gamma-Dissolved (pCi/L)	<20	260	<20	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	1.32	1.54
Lead 210-Dissolved (pCi/L)	<1	<1	<1	3.1
Lead 210-Suspended (pCi/L)	<1	<1	<1	1.4
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.05	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	15.8	16.6	87	19
Manganese-Dissolved (mg/L)	0.08	0.08	0.07	0.08
Manganese-Total (mg/L)	ND	ND	0.06	0.09
Mercury-Dissolved (mg/L)	<0.0002	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	0.02	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #2				
Analyte	9/26/2007 12:46	11/12/2007 9:25	2/12/2008 10:21	5/30/2008 15:21
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	140	120	190
pH	7.91	7.85	7.94	7.92
pH (field)	7.86	8.2	7.83	7.95
Polonium 210-Dissolved (pCi/L)	<1	2	2.7	0.1
Polonium 210-Suspended (pCi/L)	<1	<1	<1	ND
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	11.5	11.4	7.8	11
Radium 226-Dissolved (pCi/L)	<0.2	1.3	1.1	2.1
Radium 226-Suspended (pCi/L)	2.2	<0.2	0.7	0.2
Radium 226-Total (pCi/L)	2.2	ND	ND	ND
Radon 222-Total (pCi/L)	ND	674	908	727
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.002	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	0.001	<0.001
Silica-Dissolved (mg/L)	8	8.1	10.2	4.3
Silver-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	8.8	10	8.7
Sodium-Dissolved (mg/L)	273	286	716	297
Solids-Total Dissolved Calculated (mg/L)	1070	1090	3600	1110
Solids-Total Dissolved TDS @ 180 C (mg/L)	1100	1100	3700	1100
Strontium-Total (mg/L)	ND	ND	5.7	1.8
Sulfate (mg/L)	583	577	2440	579
TDS Balance (0.80 - 1.20) (dec.%)	1	0.97	1.02	0.96
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	<0.2	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.001	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	1.6	0	0.4
Uranium-Dissolved (mg/L)	<0.0003	<0.0003	0.0004	<0.0003
Uranium-Suspended (mg/L)	0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	0.0004	ND	<0.0005	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	12.38	11.92	13.46
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	<0.01

Well #7					
Analyte	10/3/2006 11:12	9/28/2007 17:28	11/12/2007 8:20	2/20/2008 8:45	5/29/2008 11:10
A/C Balance (± 5) (%)	ND	-3.73	1.13	-2.5	8.11
Actinium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Alkalinity-Total as CaCO ₃ (mg/L)	170	176	170	170	170
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Americium 241-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Ammonia (mg/L)	0.4	0.3	0.4	0.3	0.3
Anions (meq/L)	ND	14.1	15.6	15.9	14.4
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	ND	<0.001	0.003
Barium 133-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	210	215	207	207	207
Bismuth 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Bismuth 214-Dissolved (pCi/L)	300	ND	ND	ND	ND
Bismuth precision ($\pm$) (pCi/L)	18	ND	ND	ND	ND
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.001	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	37	30	36	32.9	42.1
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	ND	13	15.9	15.1	17
Cesium 134-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Cesium 137-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Chloride (mg/L)	13	12	12	11	11
Chromium-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)		ND	ND	<0.05	<0.05
Cobalt 60-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Conductivity (field, umhos/cm)	ND	1185	1490	1451	1496
Conductivity @ 25 C (umhos/cm)	1530	1490	1440	1600	1650
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	3.41	5.02	ND
Fluoride (mg/L)	0.37	0.3	0.4	0.3	0.4
Gross Alpha precision ($\pm$) (pCi/L)	0.8	ND	ND	ND	ND
Gross Alpha-Dissolved (pCi/L)	17	4.4	7.2	15.5	3.3
Gross Beta precision ($\pm$) (pCi/L)	1.6	ND	ND	ND	ND
Gross Beta-Dissolved (pCi/L)	16	5	14.9	10.1	9.6
Gross Gamma-Dissolved (pCi/L)	<20	1200	130	77	ND
Iodine 125-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	0.41	0.41
Lead 210-Dissolved (pCi/L)	ND	<1	<1	24	0.5

Well #7					
Analyte	10/3/2006 11:12	9/28/2007 17:28	11/12/2007 8:20	2/20/2008 8:45	5/29/2008 11:10
Lead 210-Suspended (pCi/L)	ND	<1	<1	<1	-7.4
Lead 210-Total (pCi/L)	ND	<1	ND	ND	ND
Lead 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Lead 214 precision ($\pm$) (pCi/L)	30	ND	ND	ND	ND
Lead 214-Dissolved (pCi/L)	350	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	16	11.5	15.3	14	18.2
Manganese 54-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Manganese-Dissolved (mg/L)	0.03	0.03	0.03	0.03	0.03
Manganese-Total (mg/L)	ND	ND	ND	0.03	0.03
Mercury-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.005	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	<0.1	0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Non-polar organic materials (SGT-HEM) (mg/l)	<5	ND	ND	ND	ND
Oxidation-Reduction Potential (mV)	ND	ND	210	180	210
pH	8.08	8.13	8.05	8.14	8.17
pH (field)	ND	7.39	8.32	8.05	8.07
Polonium 210-Dissolved (pCi/L)	ND	<1	2.1	<1	ND
Polonium 210-Suspended (pCi/L)	ND	<1	<1	<1	-0.1
Polonium 210-Total (pCi/L)	ND	<1	ND	ND	ND
Potassium 40-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	10	11	11.1	10.8	11
Radium 223-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 224-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 226 precision ($\pm$) (pCi/L)	0.6	ND	ND	ND	ND
Radium 226-Dissolved (pCi/L)	2.6	0.6	1.1	0.7	0.9
Radium 226-Suspended (pCi/L)	ND	<0.2	<0.2	<0.9	-0.3
Radium 226-Total (pCi/L)	ND	<0.2	ND	ND	ND
Radium 228-Dissolved (pCi/L)	<1	ND	ND	ND	ND
Radon 222-Total (pCi/L)	ND	ND	206	242	451
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7	7.5	7.8	7.5	4.1
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	ND	10	10	9.7
Sodium-Dissolved (mg/L)	270	237	289	276	300

Well #7					
Analyte	10/3/2006 11:12	9/28/2007 17:28	11/12/2007 8:20	2/20/2008 8:45	5/29/2008 11:10
Solids-Total Dissolved Calculated (mg/L)	ND	896	1040	1050	1010
Solids-Total Dissolved TDS @ 180 C (mg/L)	1000	1000	1000	990	960
Strontium-Total (mg/L)	ND	ND	ND	1	1.1
Sulfate (mg/L)	546	586	567	583	514
TDS Balance (0.80 - 1.20) (dec.%)	ND	1.16	0.98	0.94	0.95
Thallium 208-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thallium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Thorium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thorium 230-Dissolved (pCi/L)	ND	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	ND	<0.2	<0.2	0.2	0.2
Thorium 230-Total (pCi/L)	ND	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	ND	<0.005	<0.005	<0.005	<0.005
Thorium 234-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Turbidity (field) (NTU)	ND	ND	0.7	0.5	0.1
Uranium 238-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Uranium-Dissolved (mg/L)	<0.001	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	ND	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	ND	<0.0003	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	13.11	13.31	6.78	13.3
Water Temperature (lab, deg F)	48	ND	ND	ND	ND
Zinc 65-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	ND	<0.01	<0.01

Well #8					
Analyte	9/26/2007 14:33	11/27/2007 16:30	11/27/2007 16:40	2/5/2008 10:20	5/29/2008 11:41
A/C Balance (± 5) (%)	-2.44	-3.23	-4.83	5.03	5.33
Alkalinity-Total as CaCO ₃ (mg/L)	168	178	156	166	164
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	0.2	0.3	0.3	0.2
Anions (meq/L)	15	14.8	15.4	13.1	14.3
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	<0.001	<0.001	<0.001	0.001
Arsenic-Total (mg/L)	ND	ND	ND	<0.001	0.003
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	205	217	190	202	200
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	48.5	56.4	55.1	52.6	58.9
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	14.3	13.9	13.9	14.5	15.9
Chloride (mg/L)	13	12	12	12	11
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	908	1402	ND	1367	1389
Conductivity @ 25 C (umhos/cm)	1420	1420	1420	1430	1560
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	ND	5.42	ND
Fluoride (mg/L)	0.4	0.4	0.4	0.5	0.4
Gross Alpha-Dissolved (pCi/L)	5	8.7	9	5.4	3.2
Gross Beta-Dissolved (pCi/L)	15.9	25	29.1	21	16.2
Gross Gamma-Dissolved (pCi/L)	650	970	1200	<20	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	0.21	0.23
Lead 210-Dissolved (pCi/L)	<1	4	<1	3	0.8
Lead 210-Suspended (pCi/L)	<1	<1	<1	1.9	4.9
Lead 210-Total (pCi/L)	<1	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.05	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	21.2	24.6	24.5	22.6	26.3
Manganese-Dissolved (mg/L)	0.08	0.11	0.11	0.08	0.09
Manganese-Total (mg/L)	ND	ND	ND	0.08	0.09
Mercury-Dissolved (mg/L)	<0.0002	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05

Well #8					
Analyte	9/26/2007 14:33	11/27/2007 16:30	11/27/2007 16:40	2/5/2008 10:20	5/29/2008 11:41
Nickel-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	150	150	220	210
pH	7.93	7.95	7.94	7.94	7.97
pH (field)	7.8	7.88	ND	7.89	7.98
Polonium 210-Dissolved (pCi/L)	<1	<1	<1	1.6	-0.2
Polonium 210-Suspended (pCi/L)	<1	<1	<1	<1	-0.1
Polonium 210-Total (pCi/L)	<1	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	14.2	15.7	15.2	14.7	13.7
Radium 226-Dissolved (pCi/L)	<0.2	2.7	1.9	1.5	1.2
Radium 226-Suspended (pCi/L)	3.5	<0.2	<0.2	2.8	-0.4
Radium 226-Total (pCi/L)	3.5	ND	ND	ND	ND
Radon 222-Total (pCi/L)	ND	123	197	329	514
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	0.002	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	0.001	<0.001
Silica-Dissolved (mg/L)	6.9	6.7	6.6	7.3	3.5
Silver-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	5.6	5.7	6.4	6.5
Sodium-Dissolved (mg/L)	224	199	201	222	240
Solids-Total Dissolved Calculated (mg/L)	962	939	973	879	973
Solids-Total Dissolved TDS @ 180 C (mg/L)	960	1000	1100	1000	940
Strontium-Total (mg/L)	ND	ND	ND	1.6	1.6
Sulfate (mg/L)	540	594	570	455	514
TDS Balance (0.80 - 1.20) (dec.%)	1	1.12	1.09	1.15	0.97
Thallium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	<0.2	0.1
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	<0.2	<0.2	ND
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.001	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	ND	ND	0.6	-0.4
Uranium-Dissolved (mg/L)	<0.0003	0.0003	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	<0.0003	ND	ND	<0.0003	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	0.1
Water Temperature (field, deg C)	ND	9.99	ND	10.87	14.98
Zinc-Dissolved (mg/L)	<0.01	0.02	0.01	0.02	<0.01
Zinc-Total (mg/L)	ND	ND	ND	<0.01	<0.01

Well #13					
Analyte	10/3/2006 11:36	9/27/2007 15:45	11/12/2007 12:15	2/20/2008 14:41	5/19/2008 12:20
A/C Balance (± 5) (%)	ND	-1.26	-3.53	-4.96	6.97
Actinium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Alkalinity-Total as CaCO ₃ (mg/L)	170	168	142	160	156
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Americium 241-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Ammonia (mg/L)	0.2	0.6	0.1	<0.1	<0.1
Anions (meq/L)	ND	12.3	14	13.9	12.6
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	ND	<0.001	0.001
Barium 133-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	200	205	173	195	190
Bismuth 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Bismuth 214-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.001	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.001
Calcium-Dissolved (mg/L)	61	57.4	61.3	58	72.4
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	ND	12	13.1	12.6	14.5
Cesium 134-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Cesium 137-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Chloride (mg/L)	11	11	11	10	10
Chromium-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)		ND	ND	<0.05	<0.05
Cobalt 60-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Conductivity (field, umhos/cm)	ND	740	1257	1233	1282
Conductivity @ 25 C (umhos/cm)	1290	1280	1140	1330	1420
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	0.35	1.42	3.01	1.28
Fluoride (mg/L)	0.43	0.4	0.4	0.5	0.5
Gross Alpha precision ($\pm$) (pCi/L)	0.7	ND	ND	ND	ND
Gross Alpha-Dissolved (pCi/L)	12	8.9	7.5	19.5	4.2
Gross Beta precision ($\pm$) (pCi/L)	1.7	ND	ND	ND	ND
Gross Beta-Dissolved (pCi/L)	17	9.6	11.7	11.4	10.3
Gross Gamma-Dissolved (pCi/L)	<20	<20	4300	<20	ND
Iodine 125-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	3.11	4.56
Lead 210-Dissolved (pCi/L)	ND	<1	<1	4.7	4.1
Lead 210-Suspended (pCi/L)	ND	<1	<1	<1	-0.2

Well #13					
Analyte	10/3/2006 11:36	9/27/2007 15:45	11/12/2007 12:15	2/20/2008 14:41	5/19/2008 12:20
Lead 210-Total (pCi/L)	ND	<1	ND	ND	ND
Lead 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Lead 214-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	22	21	25.1	22.4	29.5
Manganese 54-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Manganese-Dissolved (mg/L)	0.11	0.1	0.2	0.16	0.2
Manganese-Total (mg/L)	ND	ND	ND	0.16	0.2
Mercury-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.005	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Nickel-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Non-polar organic materials (SGT-HEM) (mg/l)	<5	ND	ND	ND	ND
Oxidation-Reduction Potential (mV)	ND	ND	230	200	260
pH	7.93	7.83	7.75	8.05	7.96
pH (field)	ND	7.86	7.96	8.14	7.85
Polonium 210-Dissolved (pCi/L)	ND	<1	2.6	1.1	-0.6
Polonium 210-Suspended (pCi/L)	ND	5.2	<1	<1	ND
Polonium 210-Total (pCi/L)	ND	5.2	ND	ND	ND
Potassium 40-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	9	11.3	11.7	11.8	11.5
Radium 223-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 224-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 226 precision (±) (pCi/L)	0.5	ND	ND	ND	ND
Radium 226-Dissolved (pCi/L)	2.1	1.8	1.6	1.1	1.6
Radium 226-Suspended (pCi/L)	ND	<0.2	<0.2	1.6	0.01
Radium 226-Total (pCi/L)	ND	1.1	ND	ND	ND
Radium 228-Dissolved (pCi/L)	<1	ND	ND	ND	ND
Radon 222 precision (±) (pCi/L)	63.2	ND	ND	ND	ND
Radon 222-Total (pCi/L)	335	ND	305	258	412
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.001	<0.005
Selenium-IV-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7	7.7	6.2	6.5	3.6
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND		4.7	4.9	4.7
Sodium-Dissolved (mg/L)	180	163	175	173	188
Solids-Total Dissolved Calculated (mg/L)	ND	781	898	888	857

Well #13					
Analyte	10/3/2006 11:36	9/27/2007 15:45	11/12/2007 12:15	2/20/2008 14:41	5/19/2008 12:20
Solids-Total Dissolved TDS @ 180 C (mg/L)	880	890	890	850	880
Strontium-Total (mg/L)	ND	ND	ND	1.5	1.7
Sulfate (mg/L)	460	488	520	499	442
TDS Balance (0.80 - 1.20) (dec.%)	ND	1.14	0.99	0.96	1.02
Thallium 208-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thallium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Thorium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thorium 230-Dissolved (pCi/L)	ND	0.4	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	ND	<0.2	<0.2	0.4	0.2
Thorium 230-Total (pCi/L)	ND	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	ND	<0.005	<0.005	<0.005	<0.005
Thorium 234-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Turbidity (field) (NTU)	ND	ND	2.9	1.9	3
Uranium 238-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Uranium-Dissolved (mg/L)	<0.001	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	ND	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	ND	<0.0003	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	ND	12.74	6.1	10.56
Water Temperature (lab, deg F)	51	ND	ND	ND	ND
Zinc 65-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Zinc-Dissolved (mg/L)	<0.01	<0.01	0.04	<0.01	0.01
Zinc-Total (mg/L)	ND	ND	ND	0.07	0.04

Well #16					
Analyte	10/3/2006 12:00	9/27/2007 19:18	11/12/2007 16:05	3/30/2008 15:19	6/30/2008 13:45
A/C Balance (± 5) (%)	ND	-2.85	-1.55	-2	4.63
Actinium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Alkalinity-Total as CaCO ₃ (mg/L)	160	158	148	148	150
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Americium 241-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Ammonia (mg/L)	<0.1	0.4	<0.1	<0.1	<0.1
Anions (meq/L)	ND	11.8	11	12.5	11.5
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.01	0.001	<0.001	<0.001	0.001
Arsenic-Total (mg/L)	ND	ND	ND	0.004	<0.002
Barium 133-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	200	193	180	180	183
Bismuth 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Bismuth 214-Dissolved (pCi/L)	770	ND	ND	ND	ND
Bismuth precision (±) (pCi/L)	35	ND	ND	ND	ND
Boron-Dissolved (mg/L)	0.12	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.001	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	140	108	103	113	125
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	ND	11.1	10.7	12	12.6
Cesium 134-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Cesium 137-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Chloride (mg/L)	6.2	5	5	5	4
Chromium-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Cobalt 60-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Conductivity (field, umhos/cm)	ND	740	1016	917	1159
Conductivity @ 25 C (umhos/cm)	1260	1080	925	1050	1000
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	0.27	ND	0.23	ND
Fluoride (mg/L)	0.37	0.4	0.4	0.4	0.5
Gross Alpha precision (±) (pCi/L)	1.5	ND	ND	ND	ND
Gross Alpha-Dissolved (pCi/L)	110	62.7	12.2	85.7	28.3
Gross Beta precision (±) (pCi/L)	2	ND	ND	ND	ND
Gross Beta-Dissolved (pCi/L)	50	33.1	24	47.2	19.3
Gross Gamma precision (±) (pCi/L)	70	ND	ND	ND	ND
Gross Gamma-Dissolved (pCi/L)	1600	<20	2300	600	760
Iodine 125-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	0.25	0.26

Well #16					
Analyte	10/3/2006 12:00	9/27/2007 19:18	11/12/2007 16:05	3/30/2008 15:19	6/30/2008 13:45
Lead 210-Dissolved (pCi/L)	ND	<1	2.2	-27	2
Lead 210-Suspended (pCi/L)	ND	<1	1.2	ND	-0.4
Lead 210-Total (pCi/L)	ND	<1	ND	ND	ND
Lead 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Lead 214 precision ($\pm$) (pCi/L)	35	ND	ND	ND	ND
Lead 214-Dissolved (pCi/L)	810	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	<0.001	<0.003
Magnesium-Dissolved (mg/L)	55	40.7	39.4	46.8	47
Manganese 54-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Manganese-Dissolved (mg/L)	0.19	0.16	<0.01	0.13	0.14
Manganese-Total (mg/L)	ND	ND	ND	0.14	0.13
Mercury-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.0002	<0.001	<0.001	<0.0002
Molybdenum-Dissolved (mg/L)	<0.005	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Nickel-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	<0.1	0.2	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Non-polar organic materials (SGT-HEM) (mg/l)	<5	ND	ND	ND	ND
Oxidation-Reduction Potential (mV)	ND	ND	240	200	230
pH	7.44	7.43	7.48	7.57	7.38
pH (field)	ND	7.13	ND	7.43	7.67
Polonium 210-Dissolved (pCi/L)	ND	<1	<1	0.2	ND
Polonium 210-Suspended (pCi/L)	ND	<1	<1	0.8	ND
Polonium 210-Total (pCi/L)	ND	<1	ND	ND	ND
Potassium 40-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	16	16.6	16	15.1	16.7
Radium 223-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 224-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 226 precision ($\pm$) (pCi/L)	2.5	ND	ND	ND	ND
Radium 226-Dissolved (pCi/L)	33.6	26.2	8.1	15.3	6.4
Radium 226-Suspended (pCi/L)	ND	<0.2	<0.2	1.4	-0.3
Radium 226-Total (pCi/L)	ND	17.4	ND	ND	ND
Radium 228-Dissolved (pCi/L)	<1	ND	ND	ND	ND
Radon 222 precision ($\pm$) (pCi/L)	252	ND	ND	ND	ND
Radon 222-Total (pCi/L)	39000	ND	1090	28200	3150
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND		<0.001	0.002
Selenium-VI-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7	7.3	6.5	7	3.9
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	<0.005	<0.005

Well #16					
Analyte	10/3/2006 12:00	9/27/2007 19:18	11/12/2007 16:05	3/30/2008 15:19	6/30/2008 13:45
Sodium Adsorption Ratio (SAR) (meq/L)	ND	ND	0.94	0.96	0.93
Sodium-Dissolved (mg/L)	53	44	44.1	48	48
Solids-Total Dissolved Calculated (mg/L)	ND	715	686	786	743
Solids-Total Dissolved TDS @ 180 C (mg/L)	940	810	760	780	780
Strontium-Total (mg/L)	ND	ND	ND	2.7	2.7
Sulfate (mg/L)	522	448	428	449	401
TDS Balance (0.80 - 1.20) (dec.%)	ND	1.14	1.11	0.99	1.04
Thallium 208-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thallium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Thorium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thorium 230-Dissolved (pCi/L)	ND	0.3	<0.2	0.2	ND
Thorium 230-Suspended (pCi/L)	ND	<0.2	<0.2	0.1	ND
Thorium 230-Total (pCi/L)	ND	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	ND	<0.005	<0.005	<0.005	<0.005
Thorium 234-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Turbidity (field) (NTU)	ND	ND	ND	0	1
Uranium 238-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Uranium-Dissolved (mg/L)	0.002	0.0021	0.0007	0.0007	<0.0003
Uranium-Suspended (mg/L)	ND	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	ND	0.0007	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	ND	12.96	8.84	15.01
Water Temperature (lab, deg F)	52	ND	ND	ND	ND
Zinc 65-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Zinc-Dissolved (mg/L)	0.04	0.04	0.06	0.01	0.02
Zinc-Total (mg/L)	ND	ND	ND	0.02	<0.03

Well #18						
Analyte	10/3/2006 10:07	9/26/2007 10:39	11/12/2007 10:15	11/12/2007 10:20	2/12/2008 11:08	5/30/2008 11:12
A/C Balance (± 5) (%)	ND	0.211	-0.239	-0.843	-1.77	5.45
Actinium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Alkalinity-Total as CaCO3 (mg/L)	180	184	176	172	180	180
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Americium 241-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Ammonia (mg/L)	0.2	0.2	0.2	0.2	0.2	0.1
Anions (meq/L)	ND	14.7	15	15	15.2	14.2
Antimony-Total (mg/L)	ND	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.01	0.002	0.001	0.001	0.001	0.001
Arsenic-Total (mg/L)	ND	ND	ND	ND	0.002	0.003
Barium 133-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	220	224	215	210	219	219
Bismuth 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Bismuth 214-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.001	<0.01	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	34	31.8	33	32.5	34	38
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5
Cations (meq/L)	ND	14.8	15	14.7	14.7	15.8
Cesium 134-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Cesium 137-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Chloride (mg/L)	14	13	13	13	14	12
Chromium-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)		ND	ND	ND	<0.05	<0.05
Cobalt 60-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Conductivity (field, umhos/cm)	ND	1157	1408	ND	1446	1413
Conductivity @ 25 C (umhos/cm)	1430	1430	1360	1330	1450	1470
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Well #18						
Analyte	10/3/2006 10:07	9/26/2007 10:39	11/12/2007 10:15	11/12/2007 10:20	2/12/2008 11:08	5/30/2008 11:12
Copper-Total (mg/L)	ND	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	0.86	1.76	ND	ND	ND
Fluoride (mg/L)	0.38	0.4	0.4	0.4	0.5	0.4
Gross Alpha precision ($\pm$) (pCi/L)	1	ND	ND	ND	ND	ND
Gross Alpha-Dissolved (pCi/L)	37	15.7	18.9	20	31.7	27.5
Gross Beta precision ($\pm$) (pCi/L)	1.6	ND	ND	ND	ND	ND
Gross Beta-Dissolved (pCi/L)	14	6.7	12.1	13	13	4.8
Gross Gamma-Dissolved (pCi/L)	<20	510	370	330	190	ND
Iodine 125-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	ND	1.04	1.11
Lead 210-Dissolved (pCi/L)	ND	<1	4.6	<1	<1	-1
Lead 210-Suspended (pCi/L)	ND	<1	<1	<1	<1	29.6
Lead 210-Total (pCi/L)	ND	<1	ND	ND	ND	ND
Lead 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Lead 214-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.01	<0.05	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	12	11.3	11.6	11.4	12.2	13.4
Manganese 54-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Manganese-Dissolved (mg/L)	0.06	0.06	0.06	0.06	0.07	0.06
Manganese-Total (mg/L)	ND	ND	ND	ND	0.06	0.06
Mercury-Dissolved (mg/L)	ND	<0.0002	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	ND	<0.001	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	0.03	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Non-polar organic materials (SGT-HEM) (mg/l)	ND	ND	ND	ND	ND	ND
Oxidation-Reduction Potential (mV)	ND	ND	80	85	130	200
pH	8.11	8.09	8.02	8.06	8.11	8.1

Well #18						
Analyte	10/3/2006 10:07	9/26/2007 10:39	11/12/2007 10:15	11/12/2007 10:20	2/12/2008 11:08	5/30/2008 11:12
pH (field)	ND	8.11	8.28	ND	8.07	8.14
Polonium 210-Dissolved (pCi/L)	ND	<1	<1	<1	2.2	ND
Polonium 210-Suspended (pCi/L)	ND	6	<1	<1	<1	1.7
Polonium 210-Total (pCi/L)	ND	6	ND	ND	ND	ND
Potassium 40-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	7	7.2	7	7	7.3	6.9
Radium 223-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Radium 224-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Radium 226 precision ($\pm$) (pCi/L)	1.2	ND	ND	ND	ND	ND
Radium 226-Dissolved (pCi/L)	5.8	<0.2	3.2	3.6	3.2	2.6
Radium 226-Suspended (pCi/L)	ND	4	<0.2	<0.2	1.1	1.1
Radium 226-Total (pCi/L)	ND	4	ND	ND	ND	ND
Radium 228 precision ($\pm$) (pCi/L)	1.2	ND	ND	ND	ND	ND
Radium 228-Dissolved (pCi/L)	2.3	ND	ND	ND	ND	ND
Radon 222 precision ($\pm$) (pCi/L)	69.3	ND	ND	ND	ND	ND
Radon 222-Total (pCi/L)	762	ND	945	944	1220	1210
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	ND		<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7	7.5	7.3	7.3	7.8	4.2
Silver-Dissolved (mg/L)	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	ND	11	11	10	10
Sodium-Dissolved (mg/L)	260	278	280	276	270	291
Solids-Total Dissolved Calculated (mg/L)	ND	965	994	988	1000	973
Solids-Total Dissolved TDS @ 180 C (mg/L)	950	990	960	950	960	940
Strontium-Total (mg/L)	ND	ND	ND	ND	0.6	0.7
Sulfate (mg/L)	481	513	534	536	537	492
TDS Balance (0.80 - 1.20) (dec.%)	ND	1.03	0.97	0.97	0.96	0.96
Thallium 208-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Thallium-Total (mg/L)	ND	ND	ND	ND	<0.001	<0.001
Thorium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND

Well #18						
Analyte	10/3/2006 10:07	9/26/2007 10:39	11/12/2007 10:15	11/12/2007 10:20	2/12/2008 11:08	5/30/2008 11:12
Thorium 230-Dissolved (pCi/L)	ND	<0.2	<0.2	<0.2	0.2	ND
Thorium 230-Suspended (pCi/L)	ND	<0.2	<0.2	<0.2	<0.2	0.1
Thorium 230-Total (pCi/L)	ND	<0.2	ND	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	ND	<0.001	<0.005	<0.005	<0.005	<0.005
Thorium 234-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Turbidity (field) (NTU)	ND	ND	1.7	ND	0.1	0.4
Uranium 238-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Uranium-Dissolved (mg/L)	0.007	0.0061	0.0066	0.0065	0.0066	0.0059
Uranium-Suspended (mg/L)	ND	0.0017	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	ND	ND	0.0062	0.0062
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	ND	15.58	ND	12.02	12.26
Water Temperature (lab, deg F)	52	ND	ND	ND	ND	ND
Zinc 65-Dissolved (pCi/L)	<20	ND	ND	ND	ND	ND
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	ND	ND	<0.01	<0.01

Well #42					
Analyte	10/3/2006 10:18	9/28/2007 11:34	11/12/2007 11:20	2/5/2008 14:10	5/30/2008 11:55
A/C Balance (± 5) (%)	ND	-1.32	-0.342	3.65	6.08
Actinium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Alkalinity-Total as CaCO ₃ (mg/L)	180	180	174	180	176
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Americium 241-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Ammonia (mg/L)	0.2	0.1	0.1	0.1	0.1
Anions (meq/L)	ND	13.3	14.7	14.5	13.6
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.01	<0.001	<0.001	0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	ND	0.002	0.004
Barium 133-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	220	219	212	219	215
Bismuth 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Bismuth 214-Dissolved (pCi/L)	1600	ND	ND	ND	ND
Bismuth precision (±) (pCi/L)	64	ND	ND	ND	ND
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.001	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	35	30	34	35.3	39.4
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	ND	13	14.6	15.6	15.3
Cesium 134-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Cesium 137-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Chloride (mg/L)	14	12	13	12	11
Chromium-Dissolved (mg/L)	<0.01	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Cobalt 60-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Conductivity (field, umhos/cm)	ND	1079	1393	1463	1392
Conductivity @ 25 C (umhos/cm)	1410	1390	1310	1420	1510
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	1.32	5.25	ND
Fluoride (mg/L)	0.39	0.4	0.4	0.4	0.4
Gross Alpha precision (±) (pCi/L)	3.2	ND	ND	ND	ND
Gross Alpha-Dissolved (pCi/L)	560	371	375	526	558
Gross Beta precision (±) (pCi/L)	2.7	ND	ND	ND	ND
Gross Beta-Dissolved (pCi/L)	110	122	173	93.5	159
Gross Gamma precision(±) (pCi/L)	130	ND	ND	ND	ND
Gross Gamma-Dissolved (pCi/L)	3400	1300	70000	2800	150
Iodine 125-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	0.15	0.16

Well #42					
Analyte	10/3/2006 10:18	9/28/2007 11:34	11/12/2007 11:20	2/5/2008 14:10	5/30/2008 11:55
Lead 210-Dissolved (pCi/L)	ND	<1	21	15	17.8
Lead 210-Suspended (pCi/L)	ND	57	<1	17	14
Lead 210-Total (pCi/L)	ND	57	ND	ND	ND
Lead 212-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Lead 214 precision ($\pm$) (pCi/L)	70	ND	ND	ND	ND
Lead 214-Dissolved (pCi/L)	1800	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.01	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	12	9.4	11.8	12.3	13.5
Manganese 54-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Manganese-Dissolved (mg/L)	0.08	0.06	0.08	0.09	0.08
Manganese-Total (mg/L)	ND	ND	ND	0.08	0.08
Mercury-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.005	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	0.02	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	<0.1	0.2	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Non-polar organic materials (SGT-HEM) (mg/l)	<5	ND	ND	ND	ND
Oxidation-Reduction Potential (mV)	ND	ND	240	170	200
pH	8.01	8.02	7.95	8.08	8.05
pH (field)	ND	7.82	8.03	8.14	8.01
Polonium 210-Dissolved (pCi/L)	ND	<1	<1	5.5	1.6
Polonium 210-Suspended (pCi/L)	ND	13	1.1	2	0.3
Polonium 210-Total (pCi/L)	ND	13	ND	ND	ND
Potassium 40-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	7	7.1	7.2	7.8	6.8
Radium 223-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 224-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Radium 226 precision ($\pm$) (pCi/L)	3.1	ND	ND	ND	ND
Radium 226-Dissolved (pCi/L)	87.6	96.5	102	100	100
Radium 226-Suspended (pCi/L)	ND	<0.2	<0.2	5.1	-0.3
Radium 226-Total (pCi/L)	ND	79.7	ND	ND	ND
Radium 228-Dissolved (pCi/L)	<1	ND	ND	ND	ND
Radon 222 precision ($\pm$) (pCi/L)	581	ND	ND	ND	ND
Radon 222-Total (pCi/L)	197000	ND	132000	175000	219000
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	ND	<0.001	0.001	<0.001
Silica-Dissolved (mg/L)	7	7.1	7.2	7.4	4.1
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	ND	<0.005	<0.005

Well #42					
Analyte	10/3/2006 10:18	9/28/2007 11:34	11/12/2007 11:20	2/5/2008 14:10	5/30/2008 11:55
Sodium Adsorption Ratio (SAR) (meq/L)	ND	ND	10	11	9.7
Sodium-Dissolved (mg/L)	250	242	270	289	277
Solids-Total Dissolved Calculated (mg/L)	ND	858	969	971	932
Solids-Total Dissolved TDS @ 180 C (mg/L)	940	960	940	980	930
Strontium-Total (mg/L)	ND	ND	ND	0.7	0.7
Sulfate (mg/L)	473	505	519	505	466
TDS Balance (0.80 - 1.20) (dec.%)	ND	1.12	0.97	1.01	1
Thallium 208-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thallium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Thorium 228-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Thorium 230-Dissolved (pCi/L)	ND	<0.2	0.5	<0.2	0.1
Thorium 230-Suspended (pCi/L)	ND	<0.2	0.2	<0.2	ND
Thorium 230-Total (pCi/L)	ND	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	ND	<0.005	<0.005	<0.005	<0.005
Thorium 234-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Turbidity (field) (NTU)	ND	ND	0.5	0.5	0.2
Uranium 238-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Uranium-Dissolved (mg/L)	0.04	0.015	0.0324	0.0194	0.0142
Uranium-Suspended (mg/L)	ND	0.0029	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	ND	0.0198	0.0149
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	ND	12.58	0.75	12.2
Water Temperature (lab, deg F)	53	ND	ND	ND	ND
Zinc 65-Dissolved (pCi/L)	<20	ND	ND	ND	ND
Zinc-Dissolved (mg/L)	<0.01	0.01	0.03	0.02	0.02
Zinc-Total (mg/L)	ND	ND	ND	0.03	0.02

7

Well #615													
Analyte	4/1/2008 14:34	4/1/2008 14:42	4/21/2008 16:16	5/28/2008 19:20	6/25/2008 13:55	7/14/2008 11:50	8/20/2008 13:26	9/22/2008 16:30	10/20/200 8 16:20	11/18/200 8 15:00	12/17/200 8 11:27	1/20/2009 11:10	2/24/2009 15:45
A/C Balance (±5) (%)	1.45	2.22	4.26	3	2.39	-0.04	2.92	0.17	-1.01	3.16	1.01	0.66	-2.02
Alkalinity-Total as CaCO3 (mg/L)	136	138	136	138	138	138	142	138	136	138	140	138	138
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	10.8	10.7	10.6	11.2	10.6	11.9	11.4	11.7	11.5	11.1	11	11	11.2
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.02	0.019	0.02	0.013	0.016	0.018	0.018	0.02	0.012	0.012	0.011	0.014	0.012
Arsenic-Total (mg/L)	0.024	0.025	0.024	0.024	0.024	0.023	0.021	0.022	0.024	0.022	0.023	0.024	0.022
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<0.1	<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-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	166	168	166	168	168	168	173	168	166	168	171	168	168
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	<0.1	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.4	<0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	70.9	71.1	73	79.2	71.8	71.8	78	75.3	71	77	72.2	70.3	69
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	11.1	11.2	11.5	11.9	11.1	11.9	12	11.7	11.3	11.8	11.3	11.2	10.8
Chloride (mg/L)	6	6	4	5	5	5	5	5	5	5	5	5	5
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	925	NA	1066	1039	1088	1089	998	997	1120	1110	1180	1120	1090
Conductivity @ 25 C (umhos/cm)	1050	1050	1040	1050	1110	1090	1250	10					

Well #615

Analyte	4/1/2008 14:34	4/1/2008 14:42	4/21/2008 16:16	5/28/2008 19:20	6/25/2008 13:55	7/14/2008 11:50	8/20/2008 13:26	9/22/2008 16:30	10/20/2008 8 16:20	11/18/2008 8 15:00	12/17/2008 8 11:27	1/20/2009 11:10	2/24/2009 15:45
Copper-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	0.24	NA	0.27	0.15	0.09	0.11	NA	0.73	NA	NA	NA	NA	NA
Fluoride (mg/L)	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6
Gross Alpha-Dissolved (pCi/L)	18.2	17.7	15.1	15.3	38.3	15.3	17.3	21.5	20.9	13.9	21.7	21.1	14.8
Gross Beta-Dissolved (pCi/L)	11.6	5.8	12.1	3.7	12.6	7	9.6	9.9	12	4.2	12.8	10.4	10.5
Gross Gamma-Dissolved (pCi/L)	<20	<20	<20	170	<20	<20	<20	<20	1100	960	960	32	1000
Iron-Dissolved (mg/L)	0.7	0.66	0.79	0.1	0.42	0.54	0.73	0.95	0.1	<0.03	0.03	0.13	0.06
Iron-Total (mg/L)	1.35	1.4	1.35	1.4	1.5	1.52	1.32	1.4	1.34	1.19	1.37	1.3	1.31
Lead 210-Dissolved (pCi/L)	-2.5	-13.8	0	3.8	1.1	-0.8	4.6	-1	-1	-0.2	2.2	1.2	0.9
Lead 210-Suspended (pCi/L)	27.1	12.8	-3.2	1.5	3.5	-2	-6	-0.2	-3	0.5	1.1	5.8	0.5
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	0.002	0.002	<0.001	<0.001	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	21.7	21.9	22.9	23.2	21.6	21.7	22.7	21.8	20.7	22.6	21.4	21	21
Manganese-Dissolved (mg/L)	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.07	0.07
Manganese-Total (mg/L)	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.07
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<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
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	210	210	300	200	140	130	330	240	250	280	270	270	130

Well #615

Analyte	4/1/2008 14:34	4/1/2008 14:42	4/21/2008 16:16	5/28/2008 19:20	6/25/2008 13:55	7/14/2008 11:50	8/20/2008 13:26	9/22/2008 16:30	10/20/2008 16:20	11/18/2008 15:00	12/17/2008 11:27	1/20/2009 11:10	2/24/2009 15:45
pH	7.36	7.34	7.43	7.16	7.48	7.29	8.03	7.49	7.77	8.04	7.34	7.19	7.23
pH (field)	7.22	NA	7.22	7.19	7.01	7.09	6.39	7.16	7.14	7.12	7.23	7.18	7.29
Polonium 210-Dissolved (pCi/L)	0.6	0.8	0.9	-0.1	0.5	<1	<1	0.9	0.1	0.1	<1	-0.027	0.14
Polonium 210-Suspended (pCi/L)	0.4	0.9	0.4	0	<1	<1	<1	-0.04	<1	0.097	0.1	0.14	0.15
Potassium-Dissolved (mg/L)	8.7	8.6	8.7	9	8.7	11.7	9.1	8.9	8.7	8.9	8.7	9.8	8.4
Radium 226-Dissolved (pCi/L)	1.8	2.3	2	2	7.2	1.2	1.8	2	2.7	1.9	2.1	1.8	2.3
Radium 226-Suspended (pCi/L)	0.3	<0.2	-0.2	0.2	-0.4	-0.4	-0.4	-0.06	-0.1	0.04	-0.3	-0.2	0.06
Radon 222-Total (pCi/L)	1490	1250	1180	1070	1830	1420	1880	1500	1890	1800	1710	1630	1590
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<0.001	<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-Dissolved (mg/L)	7.6	7.6	7.8	4.4	4	2	4.1	9.1	8.7	9.1	8.9	7.8	7.8
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	3.4	3.4	3.5	3.4	3.4	3.8	3.5	3.5	3.6	3.5	3.5	3.5	3.3
Sodium-Dissolved (mg/L)	127	128	132	134	127	142	138	136	133	135	131	131	124
Solids-Total Dissolved Calculated (mg/L)	715	710	715	745	696	771	751	776	758	747	735	730	729
Solids-Total Dissolved TDS @ 180 C (mg/L)	670	680	750	710	680	710	740	670	720	700	700	720	730
Strontium-Total (mg/L)	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.5	1.3
Sulfate (mg/L)	378	370	371	399	369	430	401	421	414	391	388	389	398
TDS Balance (0.80 - 1.20) (dec.%)	0.94	0.95	1.05	0.95	0.97	0.93	0.98	0.86	0.96	0.94	0.95	0.98	1
Thallium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	-0.002

Well #615

Analyte	4/1/2008 14:34	4/1/2008 14:42	4/21/2008 16:16	5/28/2008 19:20	6/25/2008 13:55	7/14/2008 11:50	8/20/2008 13:26	9/22/2008 16:30	10/20/200 8 16:20	11/18/200 8 15:00	12/17/200 8 11:27	1/20/2009 11:10	2/24/2009 15:45
Thorium 230-Suspended (pCi/L)	0.9	0.2	0.1	0.1	0.1	0.1	0.2	0.7	-0.2	-0.2	-0.1	0.1	0.07
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	-0.2	NA	3.8	0.1	NA	4.6	4.2	3.9	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.0026	0.0026	0.0025	0.0024	0.0024	0.0025	0.0023	0.0026	0.0023	0.0026	0.0023	0.0027	0.0025
Uranium-Suspended (mg/L)	<0.000 3	<0.000 3	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0032	<0.0003	<0.0009	<0.0003	<0.0003
Uranium-Total (mg/L)	0.0026	0.0025	0.0025	0.0025	0.0023	0.0025	0.0023	0.0023	0.0026	0.0022	0.0023	0.0026	0.0024
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	14.95	NA	14.99	14.99	15.13	15.21	15.16	14.98	14.8	15.4	12.7	14.4	15
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	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

Well #619				
Analyte	9/27/2007 17:45	11/12/2007 14:25	3/24/2008 15:40	6/17/2008 18:10
A/C Balance (± 5) (%)	-1.34	-2.56	3.41	9.08
Alkalinity-Total as CaCO ₃ (mg/L)	140	98	116	116
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.2	0.3	0.2	0.2
Anions (meq/L)	28.7	26.8	29.9	28.3
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	0.001
Arsenic-Total (mg/L)	ND	ND	0.002	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	171	119	141	141
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.001	<0.005
Calcium-Dissolved (mg/L)	304	263	343	375
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	27.9	25.5	32	34
Chloride (mg/L)	9	10	12	9
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1351	1761	2120	2390
Conductivity @ 25 C (umhos/cm)	2270	1860	2180	2390
Copper-Dissolved (mg/L)	0.08	<0.01	<0.01	0.01
Copper-Total (mg/L)	ND	ND	<0.01	0.01
Dissolved Oxygen (field, mg/L)	1.17	1.77	0.48	ND
Fluoride (mg/L)	0.2	0.2	0.3	0.3
Gross Alpha-Dissolved (pCi/L)	367	341	438	398
Gross Beta-Dissolved (pCi/L)	117	170	175	144
Gross Gamma-Dissolved (pCi/L)	120	4200	25	270
Iron-Dissolved (mg/L)	1.95	4.39	3.22	3.03
Iron-Total (mg/L)	ND	ND	11.9	13
Lead 210-Dissolved (pCi/L)	<1	<1	19	-1.1
Lead 210-Suspended (pCi/L)	<1	<1	11	2
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	0.008	<0.001	<0.001	0.002
Lead-Total (mg/L)	ND	ND	0.005	0.002
Magnesium-Dissolved (mg/L)	106	96.4	125	129
Manganese-Dissolved (mg/L)	1.51	1.15	1.62	1.74
Manganese-Total (mg/L)	ND	ND	1.82	1.65
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.0001	<0.0002
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #619				
Analyte	9/27/2007 17:45	11/12/2007 14:25	3/24/2008 15:40	6/17/2008 18:10
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	25	-80.2	150
pH	7.03	7.03	7.25	7.82
pH (field)	6.96	7.54	7	7.09
Polonium 210-Dissolved (pCi/L)	<1	<1	1.9	-0.1
Polonium 210-Suspended (pCi/L)	<1	<1	0.1	0.4
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	16.9	16.2	16.5	17.6
Radium 226-Dissolved (pCi/L)	120	100	99.7	110
Radium 226-Suspended (pCi/L)	<0.2	3.5	11.4	8.8
Radium 226-Total (pCi/L)	120	ND	ND	ND
Radon 222-Total (pCi/L)	ND	2990	5580	5770
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.005	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7.5	6	8	4
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	1.2	1.1	1
Sodium-Dissolved (mg/L)	80	86.1	90.3	90
Solids-Total Dissolved Calculated (mg/L)	1830	1720	1980	1940
Solids-Total Dissolved TDS @ 180 C (mg/L)	2100	1900	2100	2000
Strontium-Total (mg/L)	ND	ND	5.2	5.4
Sulfate (mg/L)	1440	1180	1310	1230
TDS Balance (0.80 - 1.20) (dec.%)	1.14	1.09	1.05	1.02
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	0.5	<0.2	ND	ND
Thorium 230-Suspended (pCi/L)	<0.2	0.2	0.2	ND
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	28.9	2.1	2.2
Uranium-Dissolved (mg/L)	0.002	0.0015	0.0015	0.0016
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0018	0.0018
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	10.94	11.45	11.8
Zinc-Dissolved (mg/L)	0.11	0.07	0.03	0.03
Zinc-Total (mg/L)	ND	ND	0.18	0.08

Well #622													
Analyte	4/1/2008 14:56	4/21/2008 15:28	5/28/2008 18:26	6/25/2008 12:05	7/14/2008 12:35	8/20/2008 12:59	9/22/2008 16:00	10/20/200 8 15:42	11/18/200 8 14:30	12/17/200 8 14:20	1/20/2009 10:51	1/20/2009 10:55	2/24/2009 15:31
A/C Balance (±5) (%)	-18.5	3.01	5.53	3.53	4.15	3.93	1.2	1.37	4.85	4.09	1.07	1.26	0.62
Alkalinity-Total as CaCO3 (mg/L)	164	180	178	178	182	184	182	178	180	146	176	178	178
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1
Anions (meq/L)	13.4	14	14.1	13.9	13.9	14.5	15	14.5	13.9	13.1	14.2	14.1	14.2
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	0.001	0.006	0.006	0.004	0.027	0.002	0.002	0.006	0.002	0.001	0.003	0.004	0.004
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<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
Beryllium-Total (mg/L)	<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
Bicarbonate as HCO3 (mg/L)	200	219	217	217	222	224	222	217	219	178	215	217	217
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	11.2	87.6	97.5	89.6	85.9	95.2	91.9	87.9	92.4	73	84.7	83.4	85
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	9.23	14.9	15.8	14.9	15.1	15.7	15.3	14.9	15.4	14.3	14.5	14.5	14.3
Chloride (mg/L)	12	10	10	10	10	10	10	10	11	10	10	10	10
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	1042	1348	1311	1388	1371	1252	1250	1400	NA	1400	0	1390	1370
Conductivity @ 25 C (umhos/cm)	1260	1330	122										

Well #622													
Analyte	4/1/2008 14:56	4/21/2008 15:28	5/28/2008 18:26	6/25/2008 12:05	7/14/2008 12:35	8/20/2008 12:59	9/22/2008 16:00	10/20/2008 8 15:42	11/18/2008 8 14:30	12/17/2008 8 14:20	1/20/2009 10:51	1/20/2009 10:55	2/24/2009 15:31
Dissolved Oxygen (field, mg/L)	NA	0.14	0.12	0.1	0.11	0.21	NA	NA	NA	NA	0	NA	NA
Fluoride (mg/L)	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.6	0.6	0.5
Gross Alpha-Dissolved (pCi/L)	15	22.6	32.6	36.4	31.2	27.7	1470	29.3	32.6	6.8	36.4	37.6	44.3
Gross Beta-Dissolved (pCi/L)	9.2	16.2	11.9	22.5	10	12.4	678	20	17.6	9.6	16	16.1	19.7
Gross Gamma-Dissolved (pCi/L)	<20	<20	150	<20	<20	<20	<20	130	910	<20	160	100	<20
Iron-Dissolved (mg/L)	<0.03	0.03	<0.03	<0.03	<0.03	<0.03	0.03	<0.03	<0.03	0.09	<0.03	<0.03	<0.03
Iron-Total (mg/L)	0.96	7.34	10.7	5.17	0.91	1	1.18	1.21	0.95	11	4.06	4.68	1.4
Lead 210-Dissolved (pCi/L)	-3.5	-4.1	1.2	-2	2.6	0.1	-1	3.2	-2	2.5	0.3	0.8	0.7
Lead 210-Suspended (pCi/L)	<1	<1	-0.9	3.5	-1	-4	0.2	-1	<9	3.1	8.1	5.8	0.1
Lead-Dissolved (mg/L)	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	0.004	0.026	0.023	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	0.008	0.01	0.002
Magnesium-Dissolved (mg/L)	7.1	32	32.7	31.2	29.1	32.3	31.8	29.9	31.7	31.4	29.7	29.5	30.5
Manganese-Dissolved (mg/L)	0.02	0.18	0.2	0.19	0.19	0.19	0.19	0.18	0.17	0.28	0.17	0.18	0.18
Manganese-Total (mg/L)	0.02	0.23	0.25	0.22	0.19	0.19	0.19	0.18	0.18	0.27	0.19	0.19	0.2
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<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
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	200	340	200	240	110	210	200	200	280	250	270	270	130
pH	8.15	7.85	7.52	7.95	7.68	7.84	7.78	7.95	8.01	7.46	7.46	7.53	7.58
pH (field)	8.49	7.76	7.62	7.6	7.32	7.09	7.53	7.53	NA	8.04	NA	7.56	7.66

[illegible]

Well #622													
Analyte	4/1/2008 14:56	4/21/2008 15:28	5/28/2008 18:26	6/25/2008 12:05	7/14/2008 12:35	8/20/2008 12:59	9/22/2008 16:00	10/20/200 8 15:42	11/18/200 8 14:30	12/17/200 8 14:20	1/20/2009 10:51	1/20/2009 10:55	2/24/2009 15:31
Turbidity (NTU)	6.2	70.9	30.8	1.3	5.1	4.7	NA	NA	NA	NA	0	NA	NA
Uranium-Dissolved (mg/L)	<0.000 3	0.0054	0.0056	0.0051	0.0052	0.005	0.0055	0.0052	0.0055	<0.0003	0.0029	0.0059	0.0053
Uranium-Suspended (mg/L)	<0.000 3	0.0008	0.0005	<0.0003	<0.0003	<0.0003	<0.0003	0.0004	<0.0003	<0.0009	0.0003	0.0005	<0.0003
Uranium-Total (mg/L)	<0.000 3	0.0065	0.0068	0.0059	0.0054	0.005	0.005	0.0059	0.0051	<0.0003	0.0056	0.0056	0.0051
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	12.55	14.32	14.32	14.37	14.75	14.56	14.32	14.2	NA	12.2	NA	14.1	14.7
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	0.03	0.22	0.25	0.13	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.08	0.09	0.01

Well #628				
Analyte	9/28/2007 9:23	11/14/2007 10:59	2/20/2008 18:30	5/29/2008 15:02
A/C Balance (± 5) (%)	-4.9	-1.74	0.362	5.86
Alkalinity-Total as CaCO ₃ (mg/L)	134	160	162	160
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.6	0.2	0.2	0.2
Anions (meq/L)	23.5	14.4	17.6	15.2
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	<0.001	0.001	0.001
Arsenic-Total (mg/L)	ND	ND	0.001	0.004
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	154	195	193	195
Boron-Dissolved (mg/L)	0.4	<0.1	0.2	0.2
Boron-Total (mg/L)	ND	ND	<0.1	0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	24	43.2	50	40.1
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	21.3	13.9	17.8	17
Chloride (mg/L)	82	35	29	42
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1713	1302	1405	1502
Conductivity @ 25 C (umhos/cm)	2490	1800	1510	1640
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	ND	-0.1
Fluoride (mg/L)	0.5	0.4	0.4	0.5
Gross Alpha-Dissolved (pCi/L)	29.9	83.9	64.5	39
Gross Beta-Dissolved (pCi/L)	14	47.1	19	11.4
Gross Gamma-Dissolved (pCi/L)	<20	1100	440	260
Iron-Dissolved (mg/L)	0.11	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	0.7	0.66
Lead 210-Dissolved (pCi/L)	<1	<1	14	0.1
Lead 210-Suspended (pCi/L)	<1	<1	1.2	0.5
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	11.4	16.9	20.6	17.5
Manganese-Dissolved (mg/L)	0.06	0.15	0.09	0.08
Manganese-Total (mg/L)	ND	ND	0.09	0.08
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #628				
Analyte	9/28/2007 9:23	11/14/2007 10:59	2/20/2008 18:30	5/29/2008 15:02
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	96	110	180
pH	8.66	7.77	8.32	8.21
pH (field)	8.65	8.16	7.94	8.24
Polonium 210-Dissolved (pCi/L)	<1	2.7	1.3	-0.5
Polonium 210-Suspended (pCi/L)	6.4	<1	<1	0.1
Polonium 210-Total (pCi/L)	6.4	ND	ND	ND
Potassium-Dissolved (mg/L)	8.8	8.5	9.3	8.2
Radium 226-Dissolved (pCi/L)	7.4	20.7	9	6.1
Radium 226-Suspended (pCi/L)	<0.2	ND	1.7	-0.3
Radium 226-Total (pCi/L)	6.8	ND	ND	ND
Radon 222-Total (pCi/L)	ND	2740	4360	5040
Selenium-Dissolved (mg/L)	0.002	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	4.5	7.2	5	4
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	7.6	9.2	10
Sodium-Dissolved (mg/L)	435	233	306	307
Solids-Total Dissolved Calculated (mg/L)	1530	923	1180	1040
Solids-Total Dissolved TDS @ 180 C (mg/L)	1800	1300	920	980
Strontium-Total (mg/L)	ND	ND	0.9	0.9
Sulfate (mg/L)	1030	635	651	515
TDS Balance (0.80 - 1.20) (dec.%)	1.15	1.44	0.78	0.95
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	<0.2	0.3	<0.2	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	3.7	ND	-0.1
Uranium-Dissolved (mg/L)	0.0017	0.0034	0.003	0.0027
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0031	0.0029
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	13.32	15.56	15.78
Zinc-Dissolved (mg/L)	0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	<0.01

Well #631				
Analyte	9/26/2007 16:40	11/14/2007 15:20	2/20/2008 13:55	5/19/2008 11:06
A/C Balance (± 5) (%)	-4.28	-3.03	-4.87	5.08
Alkalinity-Total as CaCO ₃ (mg/L)	168	160	158	164
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	26.9	28.9	29.5	29.7
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	<0.001	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	205	195	193	200
Boron-Dissolved (mg/L)	0.2	<0.1	0.1	0.2
Boron-Total (mg/L)	ND	ND	0.1	0.2
Cadmium-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.001
Calcium-Dissolved (mg/L)	268	307	324	375
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	24.7	27.2	26.8	32.8
Chloride (mg/L)	10	10	8	10
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1471	2279	2234	2322
Conductivity @ 25 C (umhos/cm)	2180	2170	2420	2530
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	7.09	1.67	0.05	0.12
Fluoride (mg/L)	0.3	0.3	0.2	0.5
Gross Alpha-Dissolved (pCi/L)	51	46.5	162	60.7
Gross Beta-Dissolved (pCi/L)	20.9	29.4	52.1	26.2
Gross Gamma-Dissolved (pCi/L)	520	1900	510	130
Iron-Dissolved (mg/L)	<0.03	0.84	0.57	0.39
Iron-Total (mg/L)	ND	ND	1.06	0.98
Lead 210-Dissolved (pCi/L)	<1	<1	6.1	0.5
Lead 210-Suspended (pCi/L)	<1	<1	7.5	-1.4
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.05	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	82.9	89.3	82.6	110
Manganese-Dissolved (mg/L)	0.28	0.29	0.3	0.33
Manganese-Total (mg/L)	ND	ND	0.28	0.32
Mercury-Dissolved (mg/L)	<0.0002	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.01
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #631				
Analyte	9/26/2007 16:40	11/14/2007 15:20	2/20/2008 13:55	5/19/2008 11:06
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	<0	180	230
pH	7.76	7.23	7.6	7.54
pH (field)	7.7	ND	7.21	7.23
Polonium 210-Dissolved (pCi/L)	<1	3.5	<1	0.2
Polonium 210-Suspended (pCi/L)	<1	<1	<1	0.1
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	15.9	15.7	15.7	16.3
Radium 226-Dissolved (pCi/L)	12.9	9.5	19.4	22.1
Radium 226-Suspended (pCi/L)	2.3	ND	<0.9	-0.3
Radium 226-Total (pCi/L)	15.2	ND	ND	ND
Radon 222-Total (pCi/L)	ND	4220	3920	4430
Selenium-Dissolved (mg/L)	0.002	<0.001	<0.001	<0.005
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.002	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	7.2	7.8	6.9	3.5
Silver-Dissolved (mg/L)	<0.01	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	1.2	0.99	1.2
Sodium-Dissolved (mg/L)	92.4	92.9	77.1	107
Solids-Total Dissolved Calculated (mg/L)	1690	1830	1880	1980
Solids-Total Dissolved TDS @ 180 C (mg/L)	1900	2000	2000	2000
Strontium-Total (mg/L)	ND	ND	5.6	6.8
Sulfate (mg/L)	1240	1220	1250	1250
TDS Balance (0.80 - 1.20) (dec.%)	1.11	1.09	1.05	1.02
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	0.1
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	0.6	ND
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.001	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	0.6	0.1	0
Uranium-Dissolved (mg/L)	0.0027	0.0029	0.0027	0.0026
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	0.003	ND	0.0026	0.0028
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	11.54	11.29	11.82
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	0.01

Well #635				
Analyte	9/26/2007 18:08	11/27/2007 8:25	2/10/2008 14:55	4/29/2008 19:00
A/C Balance (± 5) (%)	-1.14	-0.831	-0.25	3.52
Alkalinity-Total as CaCO ₃ (mg/L)	124	118	120	118
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.1	0.4	0.5	0.5
Anions (meq/L)	30.4	31.6	33.7	32.8
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	<0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	151	144	146	144
Boron-Dissolved (mg/L)	0.4	0.4	0.5	0.4
Boron-Total (mg/L)	ND	ND	0.5	0.4
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	110	120	132	136
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	29.8	31.1	33.5	35.2
Chloride (mg/L)	24	23	26	20
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1904	2687	2928	2971
Conductivity @ 25 C (umhos/cm)	2890	2830	2950	2810
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	0.32	0.76	4.59	2.31
Fluoride (mg/L)	0.3	0.3	0.4	0.4
Gross Alpha-Dissolved (pCi/L)	2.5	4.4	14.8	13.2
Gross Beta-Dissolved (pCi/L)	4.3	6.3	10	-8
Gross Gamma-Dissolved (pCi/L)	960	1000	91	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	1.11	1.08
Lead 210-Dissolved (pCi/L)	<1	1.7	<1	
Lead 210-Suspended (pCi/L)	<1	5.1	<1	-9.6
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	0.003	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	44.3	49	52.3	54.1
Manganese-Dissolved (mg/L)	0.06	0.07	0.06	0.06
Manganese-Total (mg/L)	ND	ND	0.06	0.05
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #635				
Analyte	9/26/2007 18:08	11/27/2007 8:25	2/10/2008 14:55	4/29/2008 19:00
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.05
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.05
Oxidation-Reduction Potential (mV)	ND	270	129.4	180
pH	7.72	7.64	7.91	8.2
pH (field)	7.63	7.92	7.95	7.83
Polonium 210-Dissolved (pCi/L)	<1	1.9	<1	1.1
Polonium 210-Suspended (pCi/L)	<1	<1	<1	ND
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	7.8	8.3	8.2	7.3
Radium 226-Dissolved (pCi/L)	1.6	0.8	1.3	ND
Radium 226-Suspended (pCi/L)	0.8	<0.2	0.6	0.3
Radium 226-Total (pCi/L)	2.4	ND	ND	ND
Radon 222-Total (pCi/L)	ND	902	806	1070
Selenium-Dissolved (mg/L)	0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND		<0.001	0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	8.6	9	10	4.9
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	9.3	9.6	10
Sodium-Dissolved (mg/L)	470	480	515	545
Solids-Total Dissolved Calculated (mg/L)	2040	2120	2270	2280
Solids-Total Dissolved TDS @ 180 C (mg/L)	2200	2300	2300	2200
Strontium-Total (mg/L)	ND	ND	4.2	4.6
Sulfate (mg/L)	1500	1370	1470	1430
TDS Balance (0.80 - 1.20) (dec.%)	1.09	1.08	1.03	0.98
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	0.2
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	<0.2	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	1.7	0.3	1
Uranium-Dissolved (mg/L)	0.002	0.002	0.0021	0.0017
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	0.002	ND	0.0021	0.0017
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	ND	10.37	9.41	13.94
Zinc-Dissolved (mg/L)	<0.01	0.02	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	<0.01

Well #650				
Analyte	9/28/2007 19:00	11/12/2007 15:30	3/24/2008 9:00	5/30/2008 16:30
A/C Balance (± 5) (%)	-3.87	4.96	-5.85	-1.4
Alkalinity-Total as CaCO ₃ (mg/L)	116	108	30	30
Aluminum-Dissolved (mg/L)	0.6	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.6	0.6	0.4	0.4
Anions (meq/L)	25.9	23.5	17.8	18.2
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.002	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	0.001	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	141	132	37	37
Boron-Dissolved (mg/L)	<0.1	<0.1	0.1	0.1
Boron-Total (mg/L)	ND	ND	0.1	0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.001	<0.005
Calcium-Dissolved (mg/L)	219	221	101	125
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	23.9	26	15.9	17.7
Chloride (mg/L)	17	16	19	16
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1669	1951	1553	1452
Conductivity @ 25 C (umhos/cm)	2260	1770	1540	1700
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	0.08	<0.01
Dissolved Oxygen (field, mg/L)	ND	1.35	2.42	ND
Fluoride (mg/L)	<0.1	<0.1	0.1	0.1
Gross Alpha-Dissolved (pCi/L)	13.1	5.6	2.9	2.1
Gross Beta-Dissolved (pCi/L)	20.9	20.1	12.5	10.8
Gross Gamma-Dissolved (pCi/L)	1100	2200	<20	ND
Iron-Dissolved (mg/L)	13.2	0.68	0.06	0.1
Iron-Total (mg/L)	ND	ND	7.59	8.99
Lead 210-Dissolved (pCi/L)	<1	1.4	24	1.5
Lead 210-Suspended (pCi/L)	<1	<1	12	6.2
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	0.05	0.002
Magnesium-Dissolved (mg/L)	85.2	100	62.3	70.6
Manganese-Dissolved (mg/L)	2.44	1.39	0.43	0.94
Manganese-Total (mg/L)	ND	ND	0.56	0.66
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.0001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #650				
Analyte	9/28/2007 19:00	11/12/2007 15:30	3/24/2008 9:00	5/30/2008 16:30
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	190	120	200
pH	7.04	7.22	7.4	7.3
pH (field)	7.67	7.3	7.79	7.39
Polonium 210-Dissolved (pCi/L)	<1	<1	0.4	-0.2
Polonium 210-Suspended (pCi/L)	<1	<1	1.2	0.2
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	17.6	18.1	14.5	15.6
Radium 226-Dissolved (pCi/L)	2.7	2.4	1.4	1.2
Radium 226-Suspended (pCi/L)	0.6	<0.2	0.7	-0.02
Radium 226-Total (pCi/L)	3.2	ND	ND	ND
Radon 222-Total (pCi/L)	ND	134	202	254
Selenium-Dissolved (mg/L)	0.002	<0.001	<0.005	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	2.7	1.1	0.9	<0.5
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	1.9	2.3	2.1
Sodium-Dissolved (mg/L)	110	139	121	119
Solids-Total Dissolved Calculated (mg/L)	1630	1560	1140	1190
Solids-Total Dissolved TDS @ 180 C (mg/L)	2000	1600	1300	1400
Strontium-Total (mg/L)	ND	ND	2.1	2.6
Sulfate (mg/L)	1320	1000	801	825
TDS Balance (0.80 - 1.20) (dec.%)	1.21	1.01	1.11	1.13
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	0.4	ND
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	0.8	0.2
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	40.9	18	29
Uranium-Dissolved (mg/L)	0.0019	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	0.0014	<0.0003	0.0033	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0004	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	11.9	11.79	11.7	12.64
Zinc-Dissolved (mg/L)	0.02	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	0.07	0.02

Well #675					
Analyte	9/28/2007 10:49	11/27/2007 17:34	2/5/2008 12:05	4/29/2008 17:47	4/29/2008 17:50
A/C Balance (± 5) (%)	-4.99	1.35	5.71	1.42	0.84
Alkalinity-Total as CaCO3 (mg/L)	378	352	388	422	428
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.3	0.5	0.3	0.2	0.2
Anions (meq/L)	84.2	80	77.8	89.5	90.4
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	<0.001	0.001	0.001	0.001
Arsenic-Total (mg/L)	ND	ND	0.002	0.002	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	461	429	473	514	522
Boron-Dissolved (mg/L)	0.4	0.3	0.4	0.3	0.3
Boron-Total (mg/L)	ND	ND	<0.1	0.3	0.3
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	400	410	439	450	452
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	76.2	82.2	87.2	92.1	91.9
Chloride (mg/L)	64	60	75	64	64
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05	<0.05
Conductivity (field, umhos/cm)	6779	5534	6151	6164	ND
Conductivity @ 25 C (umhos/cm)	6090	5830	6340	6560	6530
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	0.91	0.73	ND
Fluoride (mg/L)	0.1	0.4	0.6	0.5	0.5
Gross Alpha-Dissolved (pCi/L)	18.8	18.3	29.3	55.2	51.1
Gross Beta-Dissolved (pCi/L)	18.5	<2	25.3	8	-0.4
Gross Gamma-Dissolved (pCi/L)	<20	1100	<20	ND	ND
Iron-Dissolved (mg/L)	0.13	0.05	0.15	1.88	2.32
Iron-Total (mg/L)	ND	ND	3.48	5.03	5.12

Well #675

Analyte	9/28/2007 10:49	11/27/2007 17:34	2/5/2008 12:05	4/29/2008 17:47	4/29/2008 17:50
Lead 210-Dissolved (pCi/L)	<1	6	<1	ND	ND
Lead 210-Suspended (pCi/L)	14	<1	<1	-19.2	-5.2
Lead 210-Total (pCi/L)	14	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	339	362	376	408	416
Manganese-Dissolved (mg/L)	2.89	3.14	3.39	3.02	2.66
Manganese-Total (mg/L)	ND	ND	3.4	3.02	2.75
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.0001	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.1	0.07	0.07
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.05	<0.05
Oxidation-Reduction Potential (mV)	ND	220	180	240	240
pH	7.25	7.32	7.29	7.53	7.79
pH (field)	7.03	7.18	7.17	7.08	ND
Polonium 210-Dissolved (pCi/L)	<1	<1	2.1	0.6	1.2
Polonium 210-Suspended (pCi/L)	<1	2	<1	0.3	-0.1
Polonium 210-Total (pCi/L)	<1	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	28	25.2	24.5	21.7	21.4
Radium 226-Dissolved (pCi/L)	<0.2	0.5	<0.2	ND	ND
Radium 226-Suspended (pCi/L)	2.3	1.7	<0.2	0.7	0.7
Radium 226-Total (pCi/L)	2.3	ND	ND	ND	ND
Radon 222-Total (pCi/L)	ND	712	783	960	960
Selenium-Dissolved (mg/L)	0.003	<0.001	0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.004	0.002	0.002
Selenium-VI-Dissolved (mg/L)	ND	<0.001	0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	16	14.9	14.4	7.3	7.4
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005

Well #675					
Analyte	9/28/2007 10:49	11/27/2007 17:34	2/5/2008 12:05	4/29/2008 17:47	4/29/2008 17:50
Silver-Total (mg/L)	ND	ND	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	6.2	6.5	6.6	6.4
Sodium-Dissolved (mg/L)	630	713	769	809	789
Solids-Total Dissolved Calculated (mg/L)	5280	5200	5180	5830	5860
Solids-Total Dissolved TDS @ 180 C (mg/L)	5900	6100	6100	5700	4800
Strontium-Total (mg/L)	ND	ND	8.3	8.8	8.6
Sulfate (mg/L)	3600	3420	3260	3810	3840
TDS Balance (0.80 - 1.20) (dec.%)	1.11	1.17	1.18	0.97	0.82
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND	ND
Thorium 230-Suspended (pCi/L)	<0.2	1.3	<0.2	ND	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	ND	38.8	2.9	ND
Uranium-Dissolved (mg/L)	0.0372	0.0307	0.0387	0.0493	0.0485
Uranium-Suspended (mg/L)	0.0013	0.003	0.0005	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0387	0.0502	0.0516
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	15.18	12.63	ND	8.29	ND
Zinc-Dissolved (mg/L)	0.02	0.02	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	<0.01	0.01

Well #676				
Analyte	9/28/2007 13:46	11/27/2007 12:20	2/5/2008 16:57	4/29/2008 12:27
A/C Balance (± 5) (%)	-3.7	-2.19	0.0941	1.76
Alkalinity-Total as CaCO ₃ (mg/L)	240	228	208	220
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	38.2	40.9	39.5	41.4
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	0.021	<0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	0.5	<0.1
Beryllium-Total (mg/L)	ND	ND	0.003	<0.001
Bicarbonate as HCO ₃ (mg/L)	293	278	254	268
Boron-Dissolved (mg/L)	0.4	0.4	0.5	0.5
Boron-Total (mg/L)	ND	ND	0.5	0.4
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	465	514	518	561
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	35.5	39.1	39.5	430
Chloride (mg/L)	15	16	14	13
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	0.05	<0.05
Conductivity (field, umhos/cm)	3251	2732	2942	2920
Conductivity @ 25 C (umhos/cm)	2880	2860	3010	3100
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	0.12	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	8.24	7.59
Fluoride (mg/L)	0.2	0.2	0.4	0.3
Gross Alpha-Dissolved (pCi/L)	37.1	31.9	95.5	51.6
Gross Beta-Dissolved (pCi/L)	11.1	21.6	22.1	9.2
Gross Gamma-Dissolved (pCi/L)	1100	1000	<20	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	66	0.57
Lead 210-Dissolved (pCi/L)	<1	<1	4.1	-0.9
Lead 210-Suspended (pCi/L)	<1	<1	3.8	-6.7
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	0.06	<0.001
Magnesium-Dissolved (mg/L)	104	113	114	129
Manganese-Dissolved (mg/L)	0.02	<0.01	0.02	<0.01
Manganese-Total (mg/L)	ND	ND	2.52	0.03
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #676				
Analyte	9/28/2007 13:46	11/27/2007 12:20	2/5/2008 16:57	4/29/2008 12:27
Nickel-Total (mg/L)	ND	ND	0.1	<0.05
Nitrogen, Nitrate as N (mg/L)	1	1	0.7	0.76
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.05
Oxidation-Reduction Potential (mV)	ND	250	230	280
pH	7.13	7.17	7.2	7.46
pH (field)	7.02	6.95	7.04	6.91
Polonium 210-Dissolved (pCi/L)	<1	1.2	2.9	1.1
Polonium 210-Suspended (pCi/L)	<1	<1	2.2	0.1
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	11.6	12.3	12.7	10.9
Radium 226-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Radium 226-Suspended (pCi/L)	<0.2	<0.2	11.4	ND
Radium 226-Total (pCi/L)	<0.2	ND	ND	ND
Radon 222-Total (pCi/L)	ND	453	686	755
Selenium-Dissolved (mg/L)	0.017	0.014	0.012	0.009
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.013	0.012
Selenium-VI-Dissolved (mg/L)	ND	0.014	0.012	0.009
Silica-Dissolved (mg/L)	13.7	14.4	14.3	6.4
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	0.92	0.96	0.93
Sodium-Dissolved (mg/L)	80	88.8	92.2	94
Solids-Total Dissolved Calculated (mg/L)	2410	2600	2550	2720
Solids-Total Dissolved TDS @ 180 C (mg/L)	3000	2900	2500	2600
Strontium-Total (mg/L)	ND	ND	9.2	8.6
Sulfate (mg/L)	1790	1720	1670	1760
TDS Balance (0.80 - 1.20) (dec.%)	1.24	1.12	0.98	0.95
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	4.2	ND
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	ND	1000	21.2
Uranium-Dissolved (mg/L)	0.0494	0.0548	0.0586	0.0557
Uranium-Suspended (mg/L)	0.0096	0.0011	0.0702	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0687	0.0591
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	12.17	10.63	9.94	10.22
Zinc-Dissolved (mg/L)	<0.01	0.03	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	0.28	0.03

Well #677				
Analyte	9/28/2007 12:26	11/27/2007 15:20	2/5/2008 13:39	4/29/2008 15:14
A/C Balance (± 5) (%)	-3.56	-3.76	3.88	2.3
Alkalinity-Total as CaCO ₃ (mg/L)	532	482	494	480
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.2	<0.1	<0.1	<0.1
Anions (meq/L)	140	148	136	150
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.002	<0.001	0.001	0.001
Arsenic-Total (mg/L)	ND	ND	0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	649	588	602	585
Boron-Dissolved (mg/L)	0.9	0.8	0.8	0.7
Boron-Total (mg/L)	ND	ND	0.7	0.7
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	420	454	478	516
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	130	138	147	157
Chloride (mg/L)	1720	1780	1290	1710
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	12220	10253	11186	11363
Conductivity @ 25 C (umhos/cm)	11000	10800	11600	12100
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	0.55	1
Fluoride (mg/L)	<0.1	0.1	<0.1	0.7
Gross Alpha-Dissolved (pCi/L)	41	38.7	129	43.1
Gross Beta-Dissolved (pCi/L)	<2	<2	-2	-30
Gross Gamma-Dissolved (pCi/L)	1100	1000	<20	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	0.12	0.04
Lead 210-Dissolved (pCi/L)	<1	1.1	2.1	ND
Lead 210-Suspended (pCi/L)	<1	<1	<1	-2.3
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001
Magnesium-Dissolved (mg/L)	360	395	414	454
Manganese-Dissolved (mg/L)	2.89	2.55	2.59	1.62
Manganese-Total (mg/L)	ND	ND	2.65	1.71
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	<0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #677				
Analyte	9/28/2007 12:26	11/27/2007 15:20	2/5/2008 13:39	4/29/2008 15:14
ND	ND	<0.05	<0.05	
Nitrogen, Nitrate as N (mg/L)	<0.1	0.2	<0.1	0.11
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.05
Oxidation-Reduction Potential (mV)	ND	200	170	210
pH	7.09	7.14	7.13	7.28
pH (field)	6.88	6.9	6.91	6.32
Polonium 210-Dissolved (pCi/L)	<1	<1	2.2	0.4
Polonium 210-Suspended (pCi/L)	<1	2.5	<1	-0.2
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	13.2	11	11.3	9.8
Radium 226-Dissolved (pCi/L)	0.9	<0.2	<0.2	ND
Radium 226-Suspended (pCi/L)	<0.2	2.7	<0.2	0.3
Radium 226-Total (pCi/L)	<0.2	ND	ND	ND
Radon 222-Total (pCi/L)	ND	892	808	1250
Selenium-Dissolved (mg/L)	0.003	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.006	<0.001
Selenium-VI-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silica-Dissolved (mg/L)	10.2	10	9.4	4.2
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	16	16	17
Sodium-Dissolved (mg/L)	1810	1880	2030	2140
Solids-Total Dissolved Calculated (mg/L)	8510	9070	8830	9550
Solids-Total Dissolved TDS @ 180 C (mg/L)	8900	9700	9600	9100
Strontium-Total (mg/L)	ND	ND	10	11.6
Sulfate (mg/L)	4390	4590	4310	4410
TDS Balance (0.80 - 1.20) (dec.%)	1.04	1.07	1.09	0.95
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	<0.2	2.2	0.3	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	ND	6.1	1.4
Uranium-Dissolved (mg/L)	0.0218	0.0443	0.0402	0.045
Uranium-Suspended (mg/L)	0.027	0.0049	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0414	0.0471
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	13.31	11.33	7.67	8.1
Zinc-Dissolved (mg/L)	0.02	0.02	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	0.01

Well #678					
Analyte	9/28/2007 16:22	11/27/2007 13:40	2/5/2008 15:39	2/5/2008 15:45	4/29/2008 13:41
A/C Balance (± 5) (%)	-0.532	0.551	<0	<0	1.9
Alkalinity-Total as CaCO ₃ (mg/L)	490	480	468	472	478
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	78.6	83.1	85.9	87.6	89.1
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.002	<0.001	0.001	0.001	0.001
Arsenic-Total (mg/L)	ND	ND	0.002	0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	597	585	570	575	583
Boron-Dissolved (mg/L)	1.3	1.4	1.6	1.6	1.4
Boron-Total (mg/L)	ND	ND	1.6	1.6	1.4
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	397	422	428	412	457
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	77.8	84	85.3	84.6	92.6
Chloride (mg/L)	64	61	96	94	54
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05	<0.05
Conductivity (field, umhos/cm)	6497	5472	5872	ND	5906
Conductivity @ 25 C (umhos/cm)	5710	5780	6020	5990	6300
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	ND	1.67	ND	1.4
Fluoride (mg/L)	0.6	0.9	<0.1	0.9	1
Gross Alpha-Dissolved (pCi/L)	23.2	18.9	41.5	30.2	54.7
Gross Beta-Dissolved (pCi/L)	8.1	35.3	16	<2	12.8
Gross Gamma-Dissolved (pCi/L)	1100	1100	<20	100	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	0.04	0.04	<0.03

Well #678					
Analyte	9/28/2007 16:22	11/27/2007 13:40	2/5/2008 15:39	2/5/2008 15:45	4/29/2008 13:41
Lead 210-Dissolved (pCi/L)	<1	4	3.3	<1	-1.2
Lead 210-Suspended (pCi/L)	<1	<1	<1	<1	-1.5
Lead 210-Total (pCi/L)	<1	ND	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	398	434	434	438	500
Manganese-Dissolved (mg/L)	2.85	3.31	2.39	2.79	2.66
Manganese-Total (mg/L)	ND	ND	2.72	2.61	2.61
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	0.01	0.01	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	0.2	0.2	0.1	0.1	0.09
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.05
Oxidation-Reduction Potential (mV)	ND	210	200	200	260
pH	7.23	7.42	7.34	7.36	7.55
pH (field)	6.93	7.05	7.12	ND	6.93
Polonium 210-Dissolved (pCi/L)	<1	<1	2.4	1	1.3
Polonium 210-Suspended (pCi/L)	<1	1.3	<1	<1	ND
Polonium 210-Total (pCi/L)	<1	ND	ND	ND	ND
Potassium-Dissolved (mg/L)	18.9	20.1	20.2	20	17.4
Radium 226-Dissolved (pCi/L)	<0.2	<0.2	<0.2	<0.2	ND
Radium 226-Suspended (pCi/L)	<0.2	0.7	<0.2	<0.2	0.7
Radium 226-Total (pCi/L)	<0.2	ND	ND	ND	ND
Radon 222-Total (pCi/L)	ND	391	487	418	687
Selenium-Dissolved (mg/L)	0.003	<0.001	0.002	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.005	0.004	0.003
Selenium-VI-Dissolved (mg/L)	ND	<0.001	0.002	<0.001	<0.001
Silica-Dissolved (mg/L)	14.9	15.4	16.3	16.3	7.9
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005

Well #678					
Analyte	9/28/2007 16:22	11/27/2007 13:40	2/5/2008 15:39	2/5/2008 15:45	4/29/2008 13:41
Silver-Total (mg/L)	ND	ND	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	5	5.2	5.1	4.9
Sodium-Dissolved (mg/L)	564	609	634	628	643
Solids-Total Dissolved Calculated (mg/L)	4950	5280	5440	5500	5730
Solids-Total Dissolved TDS @ 180 C (mg/L)	6000	6100	6000	6000	5400
Strontium-Total (mg/L)	ND	ND	10.2	9.7	11
Sulfate (mg/L)	3220	3440	3540	3620	3740
TDS Balance (0.80 - 1.20) (dec.%)	1.21	1.16	1.1	1.1	0.95
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	0.3	<0.2	0.2
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	<0.2	<0.2	0.1
Thorium 230-Total (pCi/L)	<0.2	ND	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	ND	12.5	ND	3
Uranium-Dissolved (mg/L)	0.0352	0.0349	0.0368	0.0368	0.0355
Uranium-Suspended (mg/L)	0.0032	0.0008	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	ND	ND	0.0379	0.0352	0.0387
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	0.2
Water Temperature (field, deg C)	13.17	12.02	8.83	ND	9.15
Zinc-Dissolved (mg/L)	0.01	0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	<0.01	<0.01	<0.01

Well #679				
Analyte	9/28/2007 15:04	11/14/2007 13:45	2/3/2008 16:25	5/18/2008 18:00
A/C Balance (± 5) (%)	-1.81	-1.35	1.37	6.81
Alkalinity-Total as CaCO ₃ (mg/L)	140	136	144	158
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	32.7	34.4	33	33.6
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	0.007	0.011
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	0.2	0.3
Beryllium-Total (mg/L)	ND	ND	<0.001	0.002
Bicarbonate as HCO ₃ (mg/L)	171	166	176	193
Boron-Dissolved (mg/L)	0.4	0.4	0.4	0.4
Boron-Total (mg/L)	ND	ND	<0.1	0.4
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.001	<0.001
Calcium-Dissolved (mg/L)	414	447	440	515
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	31.5	33.5	33.9	38.5
Chloride (mg/L)	12	12	13	11
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	2848	2609	2580	2626
Conductivity @ 25 C (umhos/cm)	2520	2470	1970	2880
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	0.02	0.03
Dissolved Oxygen (field, mg/L)	ND	10	8.83	8.87
Fluoride (mg/L)	0.3	0.2	0.4	0.4
Gross Alpha-Dissolved (pCi/L)	19.9	13.3	18.4	22.4
Gross Beta-Dissolved (pCi/L)	10.7	16.3	7.2	10.8
Gross Gamma-Dissolved (pCi/L)	1200	1500	86	ND
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	14.9	26.4
Lead 210-Dissolved (pCi/L)	<1	9.1	<1	4.5
Lead 210-Suspended (pCi/L)	<1	<1	<1	-9.8
Lead 210-Total (pCi/L)	<1	ND	ND	ND
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	ND	ND	0.015	0.022
Magnesium-Dissolved (mg/L)	89	92.5	100	109
Manganese-Dissolved (mg/L)	0.14	0.04	0.03	0.04
Manganese-Total (mg/L)	ND	ND	0.35	0.57
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.0002	<0.001	ND	<0.0001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	ND	ND	0.01	0.02
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #679				
Analyte	9/28/2007 15:04	11/14/2007 13:45	2/3/2008 16:25	5/18/2008 18:00
Nickel-Total (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	1.2	1.3	1.3	1.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	ND	230	200	240
pH	7.53	7.34	7.66	7.83
pH (field)	7.36	7.52	7.36	7.5
Polonium 210-Dissolved (pCi/L)	1.1	2.3	<1	-0.1
Polonium 210-Suspended (pCi/L)	<1	<1	<1	-0.3
Polonium 210-Total (pCi/L)	<1	ND	ND	ND
Potassium-Dissolved (mg/L)	12.5	11.4	11.8	11.1
Radium 226-Dissolved (pCi/L)	<0.2	<0.2	0.9	3.7
Radium 226-Suspended (pCi/L)	2.5	ND	9	0.2
Radium 226-Total (pCi/L)	2.5	ND	ND	ND
Radon 222-Total (pCi/L)	ND	819	2170	1250
Selenium-Dissolved (mg/L)	0.016	0.012	0.013	0.01
Selenium-IV-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	ND	ND	0.014	0.013
Selenium-VI-Dissolved (mg/L)	ND	0.012	0.012	0.01
Silica-Dissolved (mg/L)	10.4	12.6	12.7	6
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	ND	ND	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	ND	0.84	0.87	0.86
Sodium-Dissolved (mg/L)	73	74.9	77.6	82
Solids-Total Dissolved Calculated (mg/L)	2110	2230	2160	2290
Solids-Total Dissolved TDS @ 180 C (mg/L)	2500	2600	2500	2500
Strontium-Total (mg/L)	ND	ND	7.3	7.8
Sulfate (mg/L)	1580	1500	1420	1440
TDS Balance (0.80 - 1.20) (dec.%)	1.19	1.15	1.18	1.09
Thallium-Total (mg/L)	ND	ND	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	ND
Thorium 230-Suspended (pCi/L)	1.9	0.3	0.4	1.4
Thorium 230-Total (pCi/L)	1.9	ND	ND	ND
Thorium 232-Dissolved (pCi/L)	<0.005	<0.005	<0.005	<0.005
Turbidity (field) (NTU)	ND	1092	ND	505
Uranium-Dissolved (mg/L)	0.0157	0.0144	0.0139	0.0112
Uranium-Suspended (mg/L)	0.011	0.0008	0.0007	0.0012
Uranium-Total (mg/L)	ND	ND	0.0154	0.0164
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	11.62	10.64	10.61	11.47
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	ND	ND	0.06	0.09

Well #680																
Analyte	1/30/20 08 13:50	3/31/20 08 15:15	4/21/20 08 21:21	5/13/20 08 16:06	5/21/20 08 12:50	6/10/20 08 10:50	7/7/20 08 13:29	8/20/20 08 10:23	9/22/20 08 11:18	9/22/20 08 11:22	10/20/20 08 12:05	10/20/20 08 12:10	11/18/20 08 10:25	12/17/20 08 13:50	1/20/20 09 15:25	2/24/20 09 13:35
A/C Balance (±5) (%)	NA	0.26	0.77	10.2	5.04	6.54	7.57	5.11	3.94	3.43	-0.23	3.49	4.57	6.75	0.67	0.76
Alkalinity-Total as CaCO ₃ (mg/L)	258	264	262	262	254	188	248	160	252	252	338	252	250	252	252	250
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	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	<0.1
Anions (meq/L)	35.2	32.4	33.9	30.6	33.9	33.4	31.6	33.2	34.6	34.5	36	33.5	33.2	32.7	33.9	34.4
Antimony-Total (mg/L)	NA	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.026	0.008	0.007	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	<0.001	<0.001	0.002
Arsenic-Total (mg/L)	NA	0.009	0.006	0.005	0.004	0.005	0.004	0.005	0.002	0.002	0.007	0.008	0.002	0.001	0.001	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	NA	<0.1	<0.1	<0.1	<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-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.003	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	315	322	319	319	310	229	302	195	307	307	412	307	305	307	307	305
Boron-Dissolved (mg/L)	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	<0.1	0.2
Boron-Total (mg/L)	NA	0.1	0.1	0.1	0.1	0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	NA	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	343	353	368	421	406	415	404	395	402	396	382	384	389	396	358	365
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	33.5	32.5	34.5	37.6	37.5	38.1	36.8	36.8	37.4	37	35.8	35.9	36.3	37.4	34.3	35
Chloride (mg/L)	15	15	11	12	12	12	12	13	12	12	14	14	14	13	13	13
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	NA	<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
Conductivity (field, umhos/cm)	2386	2196	2594	2558	2582	2687	2707	NA	2457	NA	2600	NA	2700	3000	2700	2500

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Well #680																
Analyte	1/30/20 08 13:50	3/31/20 08 15:15	4/21/20 08 21:21	5/13/20 08 16:06	5/21/20 08 12:50	6/10/20 08 10:50	7/7/20 08 13:29	8/20/20 08 10:23	9/22/20 08 11:18	9/22/20 08 11:22	10/20/20 08 12:05	10/20/20 08 12:10	11/18/20 08 10:25	12/17/20 08 13:50	1/20/20 09 15:25	2/24/20 09 13:35
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	<0.05	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	0	180	280	270	160	130	240	230	110	240	210	110	290	240	260	140
pH	7.26	7.31	7.56	7.14	7.08	7.32	7.27	7.65	7.24	7.25	7.6	7.69	7.86	7.23	7.12	7.16
pH (field)	7.1	7.05	7.03	6.94	6.91	6.81	6.31	NA	6.81	NA	6.89	NA	6.93	7.03	7.02	7.18
Polonium 210-Dissolved (pCi/L)	1.7	1.5	0.5	2	1.5	0.4	0.2	0.6	0.2	0.2	0.3	0.9	1	0.7	0.53	0.069
Polonium 210-Suspended (pCi/L)	<1	0.5	0.3	9.1	1.1	1.3	1.7	1	0.54	0.93	1.4	1	0.88	2.8	2	0.64
Potassium-Dissolved (mg/L)	20.7	19.1	19.2	19.5	19.5	19.3	19.4	18.8	19.4	19.2	18.8	18.7	19.2	19.3	19.8	19.2
Radium 226-Dissolved (pCi/L)	1180	1150	1230	1430	1240	1410	1280	1270	1440	1420	1190	1230	1430	1110	1360	1330
Radium 226-Suspended (pCi/L)	12.7	1.9	1.6	13.2	1	4.4	5	2.1	5.1	5.9	6.9	9	1.7	13.1	13.3	6.4
Radon 222-Total (pCi/L)	143000	71800	81000	151000	359000	91700	72000	112000	72700	70400	74300	66700	86200	62200	48000	56800
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<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	<0.001
Silica-Dissolved (mg/L)	8.9	8.2	8.3	3.8	4.1	4.4	4.3	3.8	8.7	8.6	8.4	8.5	8.4	9.4	8.7	8.6
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	1.8	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Sodium-Dissolved (mg/L)	148	120	125	126	132	134	131	138	144	142	141	143	145	151	145	145
Solids-Total Dissolved Calculated (mg/L)	2210	2080	2190	2080	2240	2250	2120	2230	2280	2270	2290	2200	2200	2190	2190	2230
Solids-Total Dissolved TDS @	2400	2200	2300	2300	2300	2500	2300	2300	2300	2300	2100	2400	2300	2300	2200	2300

Well #680																
Analyte	1/30/20 08 13:50	3/31/20 08 15:15	4/21/20 08 21:21	5/13/20 08 16:06	5/21/20 08 12:50	6/10/20 08 10:50	7/7/20 08 13:29	8/20/20 08 10:23	9/22/20 08 11:18	9/22/20 08 11:22	10/20/20 08 12:05	10/20/20 08 12:10	11/18/20 08 10:25	12/17/20 08 13:50	1/20/20 09 15:25	2/24/20 09 13:35
180 C (mg/L)																
Strontium-Total (mg/L)	NA	7.3	7.3	8.1	8.2	8.1	7.6	7.2	7.3	7.4	7.2	7.4	7	7.2	7.1	7.2
Sulfate (mg/L)	1420	1280	1360	1200	1370	1410	1260	1430	1400	1400	1380	1350	1330	1310	1370	1400
TDS Balance (0.80 - 1.20) (dec.%)	1.09	1.05	1.04	1.11	1.04	1.1	1.1	1.03	1	1	0.91	1.08	1.05	1.05	0.99	1.04
Thallium-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	0.2	0.3	0.1	0.1	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	0.1	<0.2	<0.2	-0.009
Thorium 230-Suspended (pCi/L)	0.3	0.2	0.3	0.4	<0.2	0.1	0.1	0.2	<0.2	0.5	-0.1	-0.2	0.1	-0.3	-0.2	0.03
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	0.3	-0.1	3.8	0.6	0.8	NA	0.5	NA	4.7	NA	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.172	0.0569	0.0303	0.0213	0.026	0.0227	0.0186	0.0188	0.0191	0.0192	0.0176	0.0179	0.0196	0.0199	0.0205	0.0185
Uranium-Suspended (mg/L)	0.0008	<0.0003	<0.0003	0.0004	<0.0003	<0.0003	<0.0003	<0.0003	0.0003	0.0004	0.0003	<0.0003	<0.0003	<0.0009	<0.0003	<0.0003
Uranium-Total (mg/L)	NA	0.0541	0.0291	0.0238	0.0273	0.0244	0.0208	0.018	0.0177	0.0179	0.021	0.0209	0.0174	0.0203	0.022	0.0206
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	12.59	12.58	12.42	12.97	13.12	13.02	13.2	NA	13.11	NA	13	NA	12.8	11.8	12.3	12.7
Zinc-Dissolved (mg/L)	<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
Zinc-Total (mg/L)	NA	0.02	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

Well #681

Analyte	1/30/20 08 15:40	3/30/20 08 17:50	4/21/20 08 20:06	5/12/20 08 12:45	5/18/20 08 11:18	6/25/20 08 17:30	7/1/200 8 16:54	7/14/20 08 17:04	8/19/20 08 19:08	9/23/20 08 13:55	10/20/20 08 15:00	11/18/20 08 13:55	12/17/20 08 10:48	1/20/20 09 12:50	2/24/20 09 16:18
A/C Balance (±5) (%)	NA	-0.5	2.67	5.47	5.53	4.51	6.24	-0.02	4.01	0.19	1.42	3.94	5.22	1.57	0.99
Alkalinity-Total as CaCO ₃ (mg/L)	174	172	172	174	180	170	174	172	172	174	176	172	170	170	174
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	14.2	13.9	13.5	13.3	13.8	13.2	13.4	14.7	14.1	14.7	14.2	13.9	13.3	13.5	13.9
Antimony-Total (mg/L)	NA	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.002	0.002
Arsenic-Total (mg/L)	NA	0.005	0.002	0.003	0.004	0.001	<0.002	0.024	0.001	0.002	0.003	0.002	0.002	0.001	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	NA	<0.1	<0.1	<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-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	212	210	210	212	219	207	212	210	210	212	215	210	207	207	212
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	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-Total (mg/L)	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	NA	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	60.3	59.9	62	65.5	68.4	62.3	67.4	60.6	66.5	65	61.4	64.7	62.9	53.6	63
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	13.5	13.8	14.3	14.8	15.4	14.5	15.2	14.7	15.3	14.7	14.6	15	14.7	13.9	14.1
Chloride (mg/L)	13	17	13	15	16	15	16	17	16	16	17	16	15	13	13
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	NA	<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
Conductivity (field, umhos/cm)	1203	1176	1350	1341	1283	1362	1373	1371	1271	1410	1380	1390	1410	1160	1360
Conductivity @ 25 C (umhos/cm)	1320	1320	1330	1390	1500	1390	1230	1380	1450	1020	1380	1270	1260	1310	1300

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Well #681															
Analyte	1/30/20 08 15:40	3/30/20 08 17:50	4/21/20 08 20:06	5/12/20 08 12:45	5/18/20 08 11:18	6/25/20 08 17:30	7/1/200 8 16:54	7/14/20 08 17:04	8/19/20 08 19:08	9/23/20 08 13:55	10/20/20 08 15:00	11/18/20 08 13:55	12/17/20 08 10:48	1/20/20 09 12:50	2/24/20 09 16:18
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	NA	170	280	240	220	140	220	150	160	210	210	280	290	270	140
pH	7.98	7.8	8.02	7.91	8.15	7.99	7.85	7.85	8.01	7.84	8.06	8.16	7.82	7.85	7.83
pH (field)	7.81	7.71	7.75	7.71	7.62	7.76	7.45	7.75	7.26	7.71	7.71	7.69	7.76	7.9	7.84
Polonium 210-Dissolved (pCi/L)	2.6	<1	3.5	1.6	1.2	0.7	0.7	3.1	3.7	0.8	5.1	2.9	4.8	3.8	0.28
Polonium 210-Suspended (pCi/L)	1.6	1.2	<1	2.4	3.2	1.4	1.5	0.9	0.6	0.88	1.5	2.2	9.2	1.7	2.3
Potassium-Dissolved (mg/L)	10.3	9.2	10	9.6	9.6	9.7	9.7	13.7	9.8	9.3	9.5	9.7	9.7	10	10.3
Radium 226-Dissolved (pCi/L)	421	414	377	407	423	434	357	418	362	445	356	398	291	258	336
Radium 226-Suspended (pCi/L)	9.9	3.5	<0.5	1.8	1.6	0.7	1.3	0.6	0.8	0.9	1.3	0.08	1.5	1.1	1.3
Radon 222-Total (pCi/L)	462000	254000	253000	246	462000	389000	281000	244000	318000	304000	344000	335000	2200	133000	389000
Selenium-Dissolved (mg/L)	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.001	0.002	<0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<0.001	<0.001	<0.001	<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-Dissolved (mg/L)	8.1	7.2	7.2	4	4.3	3.9	4.4	1.9	3.9	8.5	8.5	8.7	9.3	7.8	7.9
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	5.4	5.4	5.5	5.6	5.8	5.7	5.7	5.9	5.9	5.7	6	5.9	5.9	6.2	5.4
Sodium-Dissolved (mg/L)	192	197	204	212	221	210	218	214	222	212	216	218	215	213	200
Solids-Total Dissolved Calculated (mg/L)	901	908	903	891	926	883	910	955	942	969	947	939	907	899	916
Solids-Total Dissolved TDS @ 180 C (mg/L)	930	910	940	900	890	880	920	920	920	890	880	900	900	940	900
Strontium-Total (mg/L)	NA	1.2	1.2	1.3	1.3	1.1	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.2
Sulfate (mg/L)	498	478	466	449	465	449	457	619	489	515	491	478	453	465	479

Well #681															
Analyte	1/30/20 08 15:40	3/30/20 08 17:50	4/21/20 08 20:06	5/12/20 08 12:45	5/18/20 08 11:18	6/25/20 08 17:30	7/1/200 8 16:54	7/14/20 08 17:04	8/19/20 08 19:08	9/23/20 08 13:55	10/20/20 08 15:00	11/18/20 08 13:55	12/17/20 08 10:48	1/20/20 09 12:50	2/24/20 09 16:18
TDS Balance (0.80 - 1.20) (dec.%)	1.03	1.01	1.04	1.01	0.97	0.99	1.01	0.96	0.98	0.92	0.93	0.96	0.99	1.05	0.98
Thallium-Total (mg/L)	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	0.3	<0.2	<0.2	0.1	<0.2	<0.2	0.1	<0.2	<0.2	0.1	0.1	0.1	0.1	-0.001
Thorium 230-Suspended (pCi/L)	<0.2	<0.2	<0.2	0.7	0.1	<0.2	-0.1	0.1	<0.2	0.1	-0.2	<0.2	-0.1	0.1	0.1
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	0.2	NA	3.8	0.7	0.8	0.1	-0.1	4.9	4.6	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.0117	0.0092	0.0098	0.0095	0.0096	0.0097	0.0094	0.0097	0.01	0.0093	0.0094	0.0098	0.0083	0.0081	0.0092
Uranium-Suspended (mg/L)	0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Total (mg/L)	NA	0.0099	0.0102	0.0104	0.0108	0.0102	0.0092	0.0104	0.0037	0.0098	0.0102	0.0087	0.0077	0.0084	0.0086
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	14.32	14.5	14.62	15.5	16.08	14.54	14.66	14.02	14.96	15.2	14.3	14.8	12.2	13.3	14.3
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	NA	<0.01	<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

Well #688													
Analyte	4/2/2008 18:07	4/22/2008 13:26	6/10/2008 16:37	6/30/2008 18:39	7/7/2008 18:49	7/28/2008 15:45	8/20/2008 10:07	9/30/200 8 8:30	10/20/200 8 12:15	11/18/200 8 10:00	12/22/200 8 9:45	1/20/2009 15:35	2/24/2009 13:23
A/C Balance (±5) (%)	-0.06	12.1	5.73	3.05	0.43	-1.16	2.75	4.37	-0.51	5.5	0.99	-0.14	-2.71
Alkalinity-Total as CaCO3 (mg/L)	98	90	100	136	160	160	166	166	162	146	166	166	166
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.5	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.4	0.7	0.2	0.2
Anions (meq/L)	11.3	10.2	10.6	11.5	12.1	12.8	12.5	12.4	13	12	12.7	12.8	13.2
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	0.002	0.001	0.002	0.001	0.001	<0.001	0.001	0.001	0.002	0.002	0.002	0.002
Arsenic-Total (mg/L)	0.002	0.002	<0.002	0.003	0.003	0.015	0.002	0.001	0.004	0.006	0.004	0.001	0.003
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<0.1	<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-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	12	76	107	156	190	195	202	202	197	178	202	197	202
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	25.8	50.1	34.1	40.4	49.3	50	51.7	52.4	49	51.2	48.7	48.8	52
Carbonate as CO3 (mg/L)	53	17	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	11.3	13.1	11.9	12.3	12.2	12.5	13.2	13.6	12.8	13.4	13	12.7	12.6
Chloride (mg/L)	13	10	11	11	11	11	11	11	12	12	12	11	11
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	1059	1096	1259	1212	1274	1394	1159	1270	1220	1240	1260	1270	1190
Conductivity @ 25 C (umhos/cm)	1180	1070	1260	1140	1170	1280	1430						

Well #688													
Analyte	4/2/2008 18:07	4/22/2008 13:26	6/10/2008 16:37	6/30/2008 18:39	7/7/2008 18:49	7/28/2008 15:45	8/20/2008 10:07	9/30/2008 8 8:30	10/20/2008 8 12:15	11/18/2008 8 10:00	12/22/2008 8 9:45	1/20/2009 15:35	2/24/2009 13:23
Dissolved Oxygen (field, mg/L)	2.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride (mg/L)	0.4	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.4	0.5	0.4	0.6	0.6
Gross Alpha-Dissolved (pCi/L)	2.9	10.1	17.3	13.2	29.8	3.9	11.8	4.9	10.2	15	1.9	25.6	28.7
Gross Beta-Dissolved (pCi/L)	8.8	16.9	17.1	16.5	14.1	14.3	11	10.9	14.9	17.4	8.8	15.8	19.2
Gross Gamma-Dissolved (pCi/L)	<20	<20	<20	1000	990	950	<20	230	310	<20	720	1100	<20
Iron-Dissolved (mg/L)	<0.03	<0.03	0.04	<0.03	0.03	0.05	0.04	0.04	0.05	<0.03	<0.03	0.03	0.03
Iron-Total (mg/L)	0.07	0.05	0.15	0.08	0.18	0.14	0.24	0.19	0.16	0.34	0.5	0.17	0.44
Lead 210-Dissolved (pCi/L)	<1	-2.7	-0.5	-0.1	-0.4	-6	3.8	-0.1	1.1	1.1	1	1	-1
Lead 210-Suspended (pCi/L)	-0.4	-0.1	4.8	-2.3	-6	-0.6	-6	1.2	-3	-5	0.1	3.2	-0.9
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	13.6	20.5	16.6	19.2	20	21.1	21.6	21.8	20.1	21	21.1	20.5	21.4
Manganese-Dissolved (mg/L)	<0.01	0.06	0.02	0.02	0.04	0.04	0.05	0.06	0.06	0.06	0.05	0.05	0.06
Manganese-Total (mg/L)	0.03	0.01	0.01	0.02	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.06	0.07
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<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
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	110	280	180	220	240	290	180	290	170	270	260	240	120
pH	10.3	9.15	8.82	8.6	8.33	8.21	8.35	7.9	8.15	8.19	7.87	8	8.03
pH (field)	9.21	9.68	8.35	8.49	8.37	8.45	8.11	8.14	8.04	8.14	8.23	8.17	8.31

[illegible]

Well #688													
Analyte	4/2/2008 18:07	4/22/2008 13:26	6/10/2008 16:37	6/30/2008 18:39	7/7/2008 18:49	7/28/2008 15:45	8/20/2008 10:07	9/30/2008 8 8:30	10/20/2008 8 12:15	11/18/2008 8 10:00	12/22/2008 8 9:45	1/20/2009 15:35	2/24/2009 13:23
Turbidity (NTU)	2	5.8	NA	3.8	9.3	6.1	4.4	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	<0.0008	0.0147	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0009	<0.0003	<0.0003
Uranium-Total (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0005
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	12.23	11.96	12.35	12.85	12.33	12.46	12.51	11.5	11.8	11.3	10.2	11.7	12.3
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01

Well #689

Analyte	3/30/2008 17:25	4/21/2008 19:50	5/28/2008 22:25	6/25/2008 18:18	7/1/2008 16:17	7/14/2008 16:50	8/19/2008 19:18	9/23/2008 13:43	10/20/2008 8 14:46	11/18/2008 8 14:02	12/17/2008 8 11:02	1/20/2009 13:05	2/24/2009 16:04
A/C Balance (±5) (%)	-4.96	3.98	2.36	2.76	5.87	-2.08	2.54	0.52	-0.72	2.1	4.66	-0.13	-2.77
Alkalinity-Total as CaCO ₃ (mg/L)	150	148	148	150	150	148	148	150	152	150	158	150	148
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	12	10.9	11.5	10.8	10.6	11.9	11.4	10.7	11.4	11.1	11.8	11.5	11.1
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	0.001	0.001	0.001	0.001	<0.02	<0.001	0.001	0.002	<0.001	0.001	0.001	<0.001
Arsenic-Total (mg/L)	<0.003	0.002	0.004	0.003	<0.002	<0.001	<0.004	0.001	0.004	0.006	0.005	<0.002	0.003
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<0.1	<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-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	183	180	180	183	183	180	180	183	185	183	193	183	180
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	43.8	48.5	49.2	46.7	49.6	44.8	48.8	44.6	44.4	45.3	54.4	44.8	45
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	10.8	11.8	12	11.4	11.9	11.4	12	10.8	11.2	11.6	13	11.5	10.5
Chloride (mg/L)	7	5	5	5	5	5	5	5	5	5	6	5	5
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	978	1128	1082	1116	1052	1125	1020	1090	1090	1080	1270	1160	1090
Conductivity @ 25 C (umhos/cm)	1080	1110	1010	1270	1010	1040	1270	840	1110	982	1100	1080	1040

[illegible]

Well #689

Analyte	3/30/2008 17:25	4/21/2008 19:50	5/28/2008 22:25	6/25/2008 18:18	7/1/2008 16:17	7/14/2008 16:50	8/19/2008 19:18	9/23/2008 13:43	10/20/2008 8 14:46	11/18/2008 8 14:02	12/17/2008 8 11:02	1/20/2009 13:05	2/24/2009 16:04
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	190	300	210	150	220	190	170	230	220	280	280	270	130
pH	7.85	8.02	7.8	8.08	7.84	7.83	7.96	7.77	8.11	8.45	7.9	7.71	7.77
pH (field)	7.76	7.77	7.73	7.71	7.8	7.75	7.23	7.64	7.65	7.65	7.86	7.71	7.87
Polonium 210-Dissolved (pCi/L)	1.1	0.7	-0.4	<1	0.3	0.1	0.6	<1	0.1	0.2	<1	-0.031	0.44
Polonium 210-Suspended (pCi/L)	0.6	0.6	0.2	0.1	-0.1	<1	0.1	0.16	0.1	-0.039	0.3	0.025	0.35
Potassium-Dissolved (mg/L)	7.4	7.9	8.1	7.7	7.8	10.7	7.9	6.9	7.5	7.6	8.5	9	8.5
Radium 226-Dissolved (pCi/L)	7.9	4.2	5.7	5.5	7.7	6.1	4.4	7.5	6.4	6.6	6.2	6.1	5.4
Radium 226-Suspended (pCi/L)	2	0.02	0.5	-0.05	0.9	-0.4	-0.4	0.2	-0.4	-0.04	0.4	-0.4	-0.2
Radon 222-Total (pCi/L)	1950	1540	1390	2520	1820	1670	2520	1520	2410	2580	1130	1850	1810
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	<0.001	<0.001	<0.001	<0.002	0.003	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<0.001	<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-Dissolved (mg/L)	7.7	8	4.6	4.3	5	2	4.3	10.3	9.3	9.6	10.3	8.3	8.3
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	5.4	5.7	5.8	5.6	5.6	5.6	5.9	5.5	5.8	5.8	5.9	5.8	2.4
Sodium-Dissolved (mg/L)	165	180	184	174	179	173	185	165	174	179	197	177	158
Solids-Total Dissolved Calculated (mg/L)	771	744	764	718	717	766	764	718	755	749	815	765	722
Solids-Total Dissolved TDS @ 180 C (mg/L)	720	760	730	700	710	730	710	700	730	660	750	780	690
Strontium-Total (mg/L)	0.9	1	1	1	0.9	1	0.9	0.9	0.8	0.9	1	1	0.9
Sulfate (mg/L)	421	374	400	366	354	420	399	362	392	379	408	399	380

Well #689

Analyte	3/30/2008 17:25	4/21/2008 19:50	5/28/2008 22:25	6/25/2008 18:18	7/1/2008 16:17	7/14/2008 16:50	8/19/2008 19:18	9/23/2008 13:43	10/20/2008 14:46	11/18/2008 14:02	12/17/2008 11:02	1/20/2009 13:05	2/24/2009 16:04
TDS Balance (0.80 - 1.20) (dec.%)	0.93	1.02	0.95	0.98	0.99	0.95	0.93	0.98	0.97	0.88	0.92	1.02	0.95
Thallium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	0.2	0.1	<0.2	<0.2	-0.1	<0.2	0.1	<0.2	0.1	0.2	<0.2	<0.2	-0.001
Thorium 230-Suspended (pCi/L)	0.2	0.3	0.4	0.4	0.1	0.2	0.2	0.2	-0.2	-0.2	0.1	-0.2	0.2
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	27.9	27.8	24.8	23.8	NA	16.8	16.4	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.0032	0.0037	0.0043	0.0034	0.0032	0.0034	0.0034	0.003	0.0031	0.0033	0.005	0.0035	0.003
Uranium-Suspended (mg/L)	0.0005	<0.0003	0.0004	0.0005	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0011	<0.0003	<0.0003
Uranium-Total (mg/L)	0.0041	0.004	0.0117	0.006	0.0073	0.0041	0.0034	0.003	0.0035	0.0031	0.006	0.0036	0.0032
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	15.4	15.43	15.44	15.56	15.6	15.95	15.74	16.7	15.2	15.9	13.2	14.4	15.5
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	0.01	<0.01	0.02

Well #694														
Analyte	3/30/200 8 10:11	4/21/200 8 12:24	4/21/200 8 12:30	5/21/200 8 15:54	6/24/200 8 15:16	7/14/200 8 15:30	8/20/200 8 15:45	9/23/200 8 10:00	10/21/20 08 8:25	11/18/20 08 9:00	11/18/20 08 9:05	12/17/200 8 15:45	1/20/200 9 17:00	2/24/200 9 17:15
Copper-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	NA	0.09	NA	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride (mg/L)	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.2	0.3	0.3	0.3	0.4	0.4
Gross Alpha-Dissolved (pCi/L)	8.8	19.2	18.1	10.6	23.7	15.1	12.5	7.4	9.1	9.2	12.1	9.3	25.9	8.3
Gross Beta-Dissolved (pCi/L)	10.3	15.7	16.2	12.5	15	11.1	10.7	9.3	11.1	5.9	13.5	7.7	16.8	10.9
Gross Gamma-Dissolved (pCi/L)	<20	<20	<20	<20	<20	<20	<20	<20	1200	<20	<20	850	1000	1600
Iron-Dissolved (mg/L)	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	0.18	0.14	0.12	0.16	0.14	0.17	0.15	0.18	0.17	0.19	0.19	0.19	0.15	0.11
Lead 210-Dissolved (pCi/L)	-9.8	<1	-2.4	-2.3	-0.1	1.1	<10.7	-2	-1	-0.1	-2	2.2	-0.9	1.3
Lead 210-Suspended (pCi/L)	<1	0	-2.2	1.4	4.8	0.2	-7	-1	-2	-4	-6	1.7	-1	-0.2
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	35.4	37.6	38.4	38.6	37.1	36.9	36.9	37.3	36.5	36.2	35.6	36	32.8	35.5
Manganese-Dissolved (mg/L)	0.14	0.15	0.15	0.16	0.16	0.1	0.16	0.13	0.16	0.15	0.14	0.16	0.15	0.15
Manganese-Total (mg/L)	0.2	0.15	0.15	0.17	0.16	0.16	0.16	0.15	0.16	0.15	0.15	0.15	0.15	0.17
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.000 1	<0.000 2	<0.000 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<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
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	280	360	350	210	140	160	220	230	240	280	280	270	270	150

Well #694														
Analyte	3/30/200 8 10:11	4/21/200 8 12:24	4/21/200 8 12:30	5/21/200 8 15:54	6/24/200 8 15:16	7/14/200 8 15:30	8/20/200 8 15:45	9/23/200 8 10:00	10/21/20 08 8:25	11/18/20 08 9:00	11/18/20 08 9:05	12/17/200 8 15:45	1/20/200 9 17:00	2/24/200 9 17:15
pH	7.65	7.94	7.84	7.54	7.82	7.73	7.81	7.63	7.96	7.93	8.27	7.7	7.55	7.55
pH (field)	7.5	7.45	NA	7.47	7.5	7.31	NA	7.46	7.5	7.64	NA	7.62	8.16	7.61
Polonium 210-Dissolved (pCi/L)	1.8	1.4	0.6	0.6	<1	0.4	<1	0.2	0.1	<1	-0.1	<1	0.045	-0.031
Polonium 210-Suspended (pCi/L)	0.9	0.2	0.7	-0.1	<1	<1	<1	0.17	<1	-0.04	0.082	0.4	0.056	0.31
Potassium-Dissolved (mg/L)	12.3	13	13.5	13.1	13.6	17.6	13.4	12.8	12.9	13.3	13.3	12.9	12.3	13.6
Radium 226-Dissolved (pCi/L)	1.6	4.2	3.7	1.9	2.2	2.3	1.8	1.7	1.4	1.7	1.5	1.5	1.7	2.2
Radium 226-Suspended (pCi/L)	1	-0.4	-0.09	-0.2	-0.3	-0.4	-0.1	-0.04	-0.4	-0.4	0.3	-0.3	-0.2	-0.1
Radon 222-Total (pCi/L)	313	251	250	619	611	245	401	296	281	331	309	215	270	235
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.002	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<0.001	<0.001	<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-Dissolved (mg/L)	8.1	8.4	8.3	4.7	4.6	2.1	4.1	<0.5	9.3	9.3	9.1	9.5	7.6	8.7
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	3.7	3.8	3.9	3.8	3.9	4.1	3.9	3.9	3.9	4	4	3.8	3.8	3.7
Sodium-Dissolved (mg/L)	165	176	180	180	180	185	182	179	177	184	182	172	162	171
Solids-Total Dissolved Calculated (mg/L)	990	988	996	965	965	999	1020	993	999	962	994	981	956	994
Solids-Total Dissolved TDS @ 180 C (mg/L)	970	1000	990	970	960	980	990	950	1100	980	990	960	960	970
Strontium-Total (mg/L)	2.7	2.8	2.8	3	2.9	2.7	2.9	2.7	2.8	2.6	2.6	2.7	2.7	2.7
Sulfate (mg/L)	531	512	511	493	486	528	540	533	519	484	505	507	508	518
TDS Balance (0.80 - 1.20) (dec.%)	0.98	1.01	1	1.01	1	0.98	0.97	0.96	1.06	1.01	1	0.98	1	0.98
Thallium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	0.2	<0.2	<0.2	<0.2	0.1	<0.2	<0.2	0.1	<0.2	0.1	0.1	<0.2	<0.2	0.05

[illegible]

Well #695												
Analyte	3/31/2008 16:31	4/22/2008 12:46	5/21/2008 14:45	6/24/2008 17:30	7/14/2008 13:43	8/20/2008 14:20	9/23/2008 11:00	10/21/200 8 9:10	11/18/2008 13:25	12/17/2008 15:10	1/20/2009 12:15	2/24/2009 16:56
A/C Balance (±5) (%)	1.52	2.68	1.68	7.98	1.44	7.38	-2.1	4.33	5.57	4.06	2.54	-0.61
Alkalinity-Total as CaCO3 (mg/L)	176	174	180	174	174	172	174	172	172	172	174	178
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Anions (meq/L)	13.9	14.3	15	13	15	13.5	14.5	13.8	13.8	13.8	14.3	14.2
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	0.002	0.001	0.002	<0.001	0.004	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<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-Total (mg/L)	<0.005	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	215	212	219	212	212	210	212	210	210	210	212	217
Boron-Dissolved (mg/L)	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	48	50.1	52.1	52.5	48	52.7	46.4	51.4	52.7	50.9	49.8	50
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	14.3	15.1	15.5	15.3	15.4	15.6	13.9	15	15.4	15	15	14
Chloride (mg/L)	14	11	11	11	12	12	12	13	13	12	12	12
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Conductivity (field, umhos/cm)	1249	NA	1375	1405	1404	1297	1450	1440	1370	1480	1450	1400
Conductivity @ 25 C (umhos/cm)	1390	1370	1560	1380	1450	1650	1040	1440	1290	1320	1350	1350
Copper-Dissolved (mg/L)	<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-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dissolved Oxygen (field,	0.14	NA	0.21	0.19	NA	NA	NA	NA	NA	NA	NA	NA

Well #695												
Analyte	3/31/2008 16:31	4/22/2008 12:46	5/21/2008 14:45	6/24/2008 17:30	7/14/2008 13:43	8/20/2008 14:20	9/23/2008 11:00	10/21/200 8 9:10	11/18/2008 13:25	12/17/2008 15:10	1/20/2009 12:15	2/24/2009 16:56
mg/L)												
Fluoride (mg/L)	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.5
Gross Alpha-Dissolved (pCi/L)	52.2	29.4	25.6	39.7	28.2	21.6	15.9	27.8	19.2	26.8	35.8	18.7
Gross Beta-Dissolved (pCi/L)	16.1	6	8	11	7.7	8.5	1.8	11.6	9.7	13	12.1	12.7
Gross Gamma-Dissolved (pCi/L)	<20	<20	140	<20	<20	450	<20	1100	1100	850	<20	1200
Iron-Dissolved (mg/L)	0.07	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	0.11	0.14	0.12	0.12	0.16	0.16	0.16	0.16	0.16	0.17	0.13	0.23
Lead 210-Dissolved (pCi/L)	<1	-1.8	3.1	0.7	-2	-1	1.16	-0.4	0.3	3.4	1.5	0.9
Lead 210-Suspended (pCi/L)	<1	-2.1	-0.7	2.9	-5	-6	2.16	-1	-0.9	5.9	6.6	0.1
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	17.8	17.6	19.4	18.8	17.8	18.9	17.3	18.5	19	18.4	18.3	17.6
Manganese-Dissolved (mg/L)	0.07	0.08	0.09	0.08	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.08
Manganese-Total (mg/L)	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.07	0.08	0.08
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	230	290	190	120	150	210	150	230	280	250	260	140
pH	8.16	8.08	7.91	8.14	7.98	8.08	7.93	8.07	8.18	7.93	7.81	7.86
pH (field)	NA	NA	7.86	7.53	7.26	NA	7.85	7.83	7.85	7.96	7.9	7.99
Polonium 210-Dissolved (pCi/L)	1.1	1.6	-0.3	0.1	-0.1	-0.2	<1	<1	<1	<1	0.051	0.16

Well #695

Analyte	3/31/2008 16:31	4/22/2008 12:46	5/21/2008 14:45	6/24/2008 17:30	7/14/2008 13:43	8/20/2008 14:20	9/23/2008 11:00	10/21/2008 8 9:10	11/18/2008 13:25	12/17/2008 15:10	1/20/2009 12:15	2/24/2009 16:56
Polonium 210-Suspended (pCi/L)	0.6	0.4	-0.2	<1	0.2	0.1	<1	<1	0.058	0.2	0.13	0.25
Potassium-Dissolved (mg/L)	8.7	8.4	8.8	8.7	12.4	8.6	7.6	8.5	8.7	8.6	9.5	9.8
Radium 226-Dissolved (pCi/L)	6.3	5	3.7	5.2	4.7	3.9	5.9	4	4.8	4.8	4.5	4.7
Radium 226-Suspended (pCi/L)	0.6	-0.4	-0.2	-0.1	-0.4	-0.005	6.9	-0.3	-0.2	-0.4	-0.1	-0.1
Radon 222-Total (pCi/L)	1400	1400	2090	2120	1490	1950	1820	1860	2020	1880	1840	1600
Selenium-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	<0.001	<0.001	<0.001	<0.002	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-VI-Dissolved (mg/L)	<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-Dissolved (mg/L)	7.4	3.9	4.4	4.4	1.9	4	<0.5	8.8	8.9	8.8	7.9	7.6
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	7.3	7.8	7.6	7.5	8.1	7.8	7.3	7.5	7.6	7.5	7.6	7
Sodium-Dissolved (mg/L)	234	251	254	250	258	258	229	246	253	247	247	225
Solids-Total Dissolved Calculated (mg/L)	925	957	996	901	991	931	931	942	954	947	962	937
Solids-Total Dissolved TDS @ 180 C (mg/L)	870	910	920	920	950	900	880	1100	940	890	910	910
Strontium-Total (mg/L)	0.9	1	1	1	1	0.9	0.9	0.9	0.9	0.9	1	0.9
Sulfate (mg/L)	476	504	530	442	534	466	514	478	481	483	500	494
TDS Balance (0.80 - 1.20) (dec.%)	0.94	0.96	0.92	1.02	0.96	0.97	0.95	1.15	0.98	0.94	0.95	0.97
Thallium-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thorium 230-Dissolved (pCi/L)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.002	0.1	0.2	0.1	<0.2	-0.02
Thorium 230-Suspended (pCi/L)	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	0.1	-0.1	<0.2	-0.02
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	-0.1	NA	-0.1	-0.1	5.4	5.5	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.003	0.0029	0.0029	0.0027	0.0028	0.0026	0.0027	0.003	0.0029	0.0026	0.0031	0.0028

Well #695

Analyte	3/31/2008 16:31	4/22/2008 12:46	5/21/2008 14:45	6/24/2008 17:30	7/14/2008 13:43	8/20/2008 14:20	9/23/2008 11:00	10/21/200 8 9:10	11/18/2008 13:25	12/17/2008 15:10	1/20/2009 12:15	2/24/2009 16:56
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0009	<0.0003	<0.0003
Uranium-Total (mg/L)	0.0031	0.0032	0.0029	0.0027	0.0031	0.0026	0.0029	0.003	0.0026	0.0026	0.0031	0.0027
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	11.28	NA	11.89	11.87	12.75	12.23	13.3	12	15	10.4	10.8	11.9
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
Zinc-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01

Well #696												
Analyte	3/31/2008 13:41	4/22/2008 16:58	5/21/2008 11:55	6/24/2008 15:08	7/14/2008 15:10	8/20/2008 15:10	9/23/2008 9:35	10/21/200 8 8:45	11/18/200 8 8:45	12/17/2008 16:05	1/20/2009 16:55	2/24/2009 17:31
A/C Balance (±5) (%)	0.93	5.13	3.21	7.89	1.3	4.56	1.13	2.18	5.4	4.39	-2.22	2.91
Alkalinity-Total as CaCO3 (mg/L)	184	182	182	174	180	182	180	180	178	180	178	182
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Ammonia (mg/L)	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Anions (meq/L)	14	13.9	14.5	13.3	14.9	14.3	14.5	14.3	13.8	13.5	14	13.8
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.003
Arsenic-Dissolved (mg/L)	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Arsenic-Total (mg/L)	0.003	0.002	0.002	<0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Barium-Total (mg/L)	<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-Total (mg/L)	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Bicarbonate as HCO3 (mg/L)	215	222	222	212	219	222	219	219	217	219	217	222
Boron-Dissolved (mg/L)	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Calcium-Dissolved (mg/L)	28	29.9	31	31.6	28.8	32.3	30.6	30.3	30.9	29.8	27	31
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5
Cations (meq/L)	14.3	15.4	15.5	15.6	15.3	15.7	14.8	14.9	15.4	14.8	13.4	14.6
Chloride (mg/L)	15	12	12	12	13	13	12	13	13	13	12	12
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Chromium-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Conductivity (field, umhos/cm)	1316	1433	1409	1438	1460	1318	1470	1480	1460	1500	1450	1450
Conductivity @ 25 C (umhos/cm)	1440	1410	1420	1390	1350	1690	1100	1490	1340	1340	1400	1290
Copper-Dissolved (mg/L)	<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-Total (mg/L)	<0.01	<0.01	<									

Well #696												
Analyte	3/31/2008 13:41	4/22/2008 16:58	5/21/2008 11:55	6/24/2008 15:08	7/14/2008 15:10	8/20/2008 15:10	9/23/2008 9:35	10/21/200 8 8:45	11/18/200 8 8:45	12/17/2008 16:05	1/20/2009 16:55	2/24/2009 17:31
A/C Balance (±5) (%)	0.93	5.13	3.21	7.89	1.3	4.56	1.13	2.18	5.4	4.39	-2.22	2.91
Alkalinity-Total as CaCO3 (mg/L)	184	182	182	174	180	182	180	180	178	180	178	182
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Ammonia (mg/L)	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Anions (meq/L)	14	13.9	14.5	13.3	14.9	14.3	14.5	14.3	13.8	13.5	14	13.8
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.003
Arsenic-Dissolved (mg/L)	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Arsenic-Total (mg/L)	0.003	0.002	0.002	<0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Barium-Total (mg/L)	<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-Total (mg/L)	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Bicarbonate as HCO3 (mg/L)	215	222	222	212	219	222	219	219	217	219	217	222
Boron-Dissolved (mg/L)	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Calcium-Dissolved (mg/L)	28	29.9	31	31.6	28.8	32.3	30.6	30.3	30.9	29.8	27	31
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5
Cations (meq/L)	14.3	15.4	15.5	15.6	15.3	15.7	14.8	14.9	15.4	14.8	13.4	14.6
Chloride (mg/L)	15	12	12	12	13	13	12	13	13	13	12	12
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Chromium-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Conductivity (field, umhos/cm)	1316	1433	1409	1438	1460	1318	1470	1480	1460	1500	1450	1450
Conductivity @ 25 C (umhos/cm)	1440	1410	1420	1390	1350	1690	1100	1490	1340	1340	1400	1290
Copper-Dissolved (mg/L)	<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-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01

Well #696												
Analyte	3/31/2008 13:41	4/22/2008 16:58	5/21/2008 11:55	6/24/2008 15:08	7/14/2008 15:10	8/20/2008 15:10	9/23/2008 9:35	10/21/200 8 8:45	11/18/200 8 8:45	12/17/2008 16:05	1/20/2009 16:55	2/24/2009 17:31
Dissolved Oxygen (field, mg/L)	0.28	0.3	0.2	0.19	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride (mg/L)	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.3	0.5	0.4
Gross Alpha-Dissolved (pCi/L)	3.9	5.2	14.3	23.9	4	7.1	5.9	9.8	6.9	8.2	20.2	4.3
Gross Beta-Dissolved (pCi/L)	-2.1	10.7	9	9.9	3.7	6.7	8.2	9.1	9	9.5	6.4	2
Gross Gamma-Dissolved (pCi/L)	<20	<20	<20	<20	<20	<20	1000	1100	<20	840	940	1000
Iron-Dissolved (mg/L)	<0.03	0.07	0.09	0.1	0.08	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.03
Iron-Total (mg/L)	0.04	0.08	0.1	0.67	0.14	0.1	0.14	0.13	0.14	0.16	0.14	0.1
Lead 210-Dissolved (pCi/L)	-11.2	-4.9	-2.7	-5.3	-3	3.4	-1	-1	<4.4	3.2	0.4	-0.3
Lead 210-Suspended (pCi/L)	<1	<1	2.1	5.6	1.1	0.2	-0.9	-0.7	-6	0.5	-4	0.8
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Magnesium-Dissolved (mg/L)	10	10.4	10.9	11.1	10.2	11	10.6	10.6	10.6	10.4	9.6	10.7
Manganese-Dissolved (mg/L)	0.05	0.06	0.07	0.07	0.06	0.07	0.05	0.06	0.06	0.07	0.06	0.06
Manganese-Total (mg/L)	0.05	0.06	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.07
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Nickel-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Nickel-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Oxidation-Reduction Potential (mV)	170	200	120	99	100	210	190	200	280	260	240	130
pH	8.71	8.47	8.35	8.29	8.19	8.29	8.15	8.26	8.03	8.14	8.05	8.08
pH (field)	8.81	8.57	8.45	7.89	7.65	NA	8.09	8.09	8.11	8.22	7.51	8.24
Polonium 210-Dissolved (pCi/L)	0.6	0.9	-0.2	0.2	-0.1	-0.3	<1	0.1	0.2	<1	<0.61	-0.094

Well #696

Analyte	3/31/2008 13:41	4/22/2008 16:58	5/21/2008 11:55	6/24/2008 15:08	7/14/2008 15:10	8/20/2008 15:10	9/23/2008 9:35	10/21/200 8 8:45	11/18/200 8 8:45	12/17/2008 16:05	1/20/2009 16:55	2/24/2009 17:31
Uranium-Suspended (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0009	<0.0003	0.0003
Uranium-Total (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Water Temperature (field, deg C)	11.73	11.72	10.86	12.06	13.2	12.81	13.1	12	10.4	9.9	12.7	11.3
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Zinc-Total (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01

Well #697													
Analyte	3/30/2008 16:36	4/22/2008 16:02	5/21/2008 16:44	6/24/2008 18:20	7/14/2008 15:52	7/14/2008 15:57	8/20/2008 17:10	9/23/2008 11:45	10/21/200 8 9:45	11/18/200 8 13:35	12/17/200 8 14:45	1/20/2009 12:35	2/24/2009 16:45
A/C Balance (±5) (%)	-1.53	3.91	2.35	6.52	1.61	-2.81	2.84	2.88	-6.31	5.48	2.6	0.64	1.29
Alkalinity-Total as CaCO3 (mg/L)	166	166	168	168	166	168	172	168	166	164	166	168	166
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Anions (meq/L)	13	12.5	13.1	12.1	13.4	13.9	13.1	12.7	15.2	12.5	12.8	12.9	12.6
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	0.001	0.002	0.002	0.002	0.002	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001
Arsenic-Total (mg/L)	<0.003	0.002	0.002	0.003	0.004	0.004	<0.001	0.001	0.002	0.001	0.001	0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<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
Beryllium-Total (mg/L)	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	202	202	205	205	202	205	210	205	202	200	202	205	202
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	49.2	50.6	52.8	53.4	48.7	49.5	53.5	53.1	52.9	54.5	53.4	49.7	52
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	12.6	13.5	13.7	13.8	13.8	13.1	13.9	13.4	13.4	14	13.5	13	13
Chloride (mg/L)	10	8	8	8	8	8	8	8	8	9	8	8	8
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	1131	1258	1239	1267	NA	1286	1164	1300	1310	1280	1340	1300	1280
Conductivity @ 25 C (umhos/cm)	1250	1230	1380	1230	1290	1300	1330						

Well #697													
Analyte	3/30/2008 16:36	4/22/2008 16:02	5/21/2008 16:44	6/24/2008 18:20	7/14/2008 15:52	7/14/2008 15:57	8/20/2008 17:10	9/23/2008 11:45	10/21/200 8 9:45	11/18/200 8 13:35	12/17/200 8 14:45	1/20/2009 12:35	2/24/2009 16:45
A/C Balance (±5) (%)	-1.53	3.91	2.35	6.52	1.61	-2.81	2.84	2.88	-6.31	5.48	2.6	0.64	1.29
Alkalinity-Total as CaCO3 (mg/L)	166	166	168	168	166	168	172	168	166	164	166	168	166
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Anions (meq/L)	13	12.5	13.1	12.1	13.4	13.9	13.1	12.7	15.2	12.5	12.8	12.9	12.6
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	0.001	0.002	0.002	0.002	0.002	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001
Arsenic-Total (mg/L)	<0.003	0.002	0.002	0.003	0.004	0.004	<0.001	0.001	0.002	0.001	0.001	0.001	0.001
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<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
Beryllium-Total (mg/L)	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	202	202	205	205	202	205	210	205	202	200	202	205	202
Boron-Dissolved (mg/L)	<0.1	<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-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	49.2	50.6	52.8	53.4	48.7	49.5	53.5	53.1	52.9	54.5	53.4	49.7	52
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	12.6	13.5	13.7	13.8	13.8	13.1	13.9	13.4	13.4	14	13.5	13	13
Chloride (mg/L)	10	8	8	8	8	8	8	8	8	9	8	8	8
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	1131	1258	1239	1267	NA	1286	1164	1300	1310	1280	1340	1300	1280
Conductivity @ 25 C (umhos/cm)	1250	1230	1380	1230	1290	1300	1330						

Well #697

Analyte	3/30/2008 16:36	4/22/2008 16:02	5/21/2008 16:44	6/24/2008 18:20	7/14/2008 15:52	7/14/2008 15:57	8/20/2008 17:10	9/23/2008 11:45	10/21/200 8 9:45	11/18/200 8 13:35	12/17/200 8 14:45	1/20/2009 12:35	2/24/2009 16:45
Dissolved Oxygen (field, mg/L)	0.2	0.15	0.29	0.16	NA	0.11	0.29	NA	NA	NA	NA	NA	NA
Fluoride (mg/L)	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.6
Gross Alpha-Dissolved (pCi/L)	6.1	8.4	4.1	11.9	6.9	6.8	5.3	6.3	7.3	12.7	7.7	21.7	18.2
Gross Beta-Dissolved (pCi/L)	6.8	8.4	5.4	8.1	4.6	7.3	8.6	5.7	3.6	11.4	7.1	12.5	11
Gross Gamma-Dissolved (pCi/L)	<20	<20	<20	<20	<20	<20	850	<20	1700	1100	820	<20	1100
Iron-Dissolved (mg/L)	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	<0.03	<0.03	<0.03
Iron-Total (mg/L)	0.06	0.05	0.04	0.08	0.06	0.06	0.07	0.05	0.06	0.04	0.34	<0.04	0.09
Lead 210-Dissolved (pCi/L)	-23	-0.7	-4.3	0.5	-2	0.3	-2	-2	-2	-0.8	1.6	0.6	1
Lead 210-Suspended (pCi/L)	-2.8	<1	<8.8	2.9	3.6	-3	-10	-1	-2	-0.6	2.8	2.9	-2
Lead-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	16.9	17.3	18	17.7	17.5	17.2	17.5	17.5	17.3	17.7	17.4	16.4	16.8
Manganese-Dissolved (mg/L)	0.05	0.05	0.06	0.06	0.05	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.05
Manganese-Total (mg/L)	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.05	0.05	0.05
Mercury-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury-Total (mg/L)	<0.001	<0.001	<0.0001	<0.0002	<0.0002	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	<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
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.05	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	200	320	200	140	160	180	210	160	210	280	250	270	140
pH	7.83	8.07	7.9	8.25	7.93	7.99	8.03	7.83	8.15	8.24	7.98	7.73	7.9
pH (field)	7.8	7.8	7.77	7.56	NA	7.72	7.44	7.76	7.75	7.74	7.97	7.81	8

[illegible]

Well #697

Analyte	3/30/2008 16:36	4/22/2008 16:02	5/21/2008 16:44	6/24/2008 18:20	7/14/2008 15:52	7/14/2008 15:57	8/20/2008 17:10	9/23/2008 11:45	10/21/200 8 9:45	11/18/200 8 13:35	12/17/200 8 14:45	1/20/2009 12:35	2/24/2009 16:45
Turbidity (NTU)	-0.2	3.2	0.1	3.9	NA	4.9	3.9	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Uranium-Suspended (mg/L)	<0.0003	<0.0003	0.0007	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0006	<0.0003	<0.0009	<0.0003	<0.0003
Uranium-Total (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	13.78	13.91	13.9	13.87	NA	14.43	13.91	14.6	13.9	15.5	12.4	13.3	13.5
Zinc-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Zinc-Total (mg/L)	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.03

Well #698																
Analyte	3/30/2 008 14:04	3/30/2 008 14:10	4/22/2 008 11:30	5/28/2 008 12:35	5/28/2 008 12:45	6/24/2 008 11:55	7/14/2 008 18:43	8/19/2 008 17:35	9/22/2 008 13:05	10/20/2 008 13:52	11/18/2 008 12:00	12/17/2 008 13:00	12/17/2 008 13:15	1/20/2 009 14:07	2/24/2 009 12:10	2/24/2 009 12:15
A/C Balance (±5) (%)	2.58	-1.6	0.92	9.13	5.02	3.88	-1.21	8.93	0.65	2.91	6.79	5.82	8.29	2.51	7.55	1.91
Alkalinity-Total as CaCO3 (mg/L)	124	122	120	114	118	114	122	122	122	114	112	114	114	118	110	114
Aluminum- Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1
Anions (meq/L)	29.9	32.6	32.8	28.9	30.9	33.1	34.6	29.5	33.2	31.2	30.9	30.4	30.4	30.6	28.4	31.2
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	0.004	0.003	<0.001	0.002	0.003	0.005	0.002	<0.004	<0.001	0.006	<0.001	0.004	0.004	<0.002	0.003	0.003
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<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-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	151	149	146	139	144	139	149	149	149	139	137	139	139	144	134	139
Boron-Dissolved (mg/L)	<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	<0.1	<0.1
Boron-Total (mg/L)	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2
Cadmium- Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	338	340	366	382	375	393	356	385	370	366	388	374	392	341	357	348
Carbonate as CO3 (mg/L)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	31.4	31.6	33.4	34.8	34.2	35.8	33.7	35.3	33.7	33.1	35.4	34.2	35.9	32.2	33	32.5
Chloride (mg/L)	12	11	9	9	9	9	10	10	9	10	10	10	10	10	9	9
Chromium- Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<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
Conductivity (field, umhos/cm)	2024	NA	2492	2426	NA	2475	2519	2327	2303	2400	2500	NA	2800	2500	2400	NA

[illegible][illegible]

Well #698

Analyte	3/30/2 008 14:04	3/30/2 008 14:10	4/22/2 008 11:30	5/28/2 008 12:35	5/28/2 008 12:45	6/24/2 008 11:55	7/14/2 008 18:43	8/19/2 008 17:35	9/22/2 008 13:05	10/20/2 008 13:52	11/18/2 008 12:00	12/17/2 008 13:00	12/17/2 008 13:15	1/20/2 009 14:07	2/24/2 009 12:10	2/24/2 009 12:15
Nickel-Total (mg/L)	<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
Nitrogen, Nitrate as N (mg/L)	<0.1	<0.1	0.09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Oxidation- Reduction Potential (mV)	280	190	110	200	220	94	47	44	-38.3	64	300	160	220	300	110	110
pH	6.91	6.91	7.15	6.78	6.75	7.09	7.72	7.27	7.02	7.34	7.42	6.92	6.86	6.74	6.82	6.78
pH (field)	6.83	NA	6.87	6.76	NA	6.49	6.66	6.62	6.88	6.71	6.76	NA	6.78	6.77	6.83	NA
Polonium 210- Dissolved (pCi/L)	1	1.3	1.4	<1	<1	1.1	1.6	0.4	<1	0.3	0.3	0.3	0.4	0.42	0.4	0.068
Polonium 210- Suspended (pCi/L)	1.2	<1	<1	1.4	1.3	1.2	1.5	0.5	0.059	1	1.6	1	1.4	2	0.78	1.1
Potassium- Dissolved (mg/L)	14.6	14.4	15.6	15.5	15.4	15.9	22.2	16	14.4	15.1	15.5	15.5	16.2	16	15.5	15.5
Radium 226- Dissolved (pCi/L)	387	398	370	413	412	429	423	372	410	347	403	363	335	386	355	349
Radium 226- Suspended (pCi/L)	15.3	12.4	6.4	14	13.5	11.6	6.3	1.7	0.2	7.4	9	4.7	21.6	7.3	11	12.5
Radon 222-Total (pCi/L)	32200	29400	25800	25600	22400	40700	27900	38200	29500	38200	37400	37600	36700	32100	38400	42600
Selenium- Dissolved (mg/L)	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-IV- Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium-Total (mg/L)	0.002	0.002	<0.001	<0.001	<0.001	<0.002	0.005	<0.003	<0.005	<0.001	<0.001	<0.002	0.001	<0.002	0.001	<0.001
Selenium-VI- Dissolved (mg/L)	0.001	<0.001	<0.001	<0.001	<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-Dissolved (mg/L)	9.5	9.5	4.8	5.2	5.1	5.5	2.6	5	11.5	10.5	11.1	11.3	11.4	10.2	10.2	10
Silver-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sodium Adsorption Ratio (SAR) (meq/L)	1	0.98	1	0.98	0.98	0.98	0.95	0.99	0.94	0.96	0.95	0.95	0.99	1.1	0.99	0.99
Sodium-Dissolved (mg/L)	84.6	83.7	89	88	87	89	84	89	83	84	86	84	90	92.1	86.5	85.5

Well #3026													
Analyte	3/30/200 8 18:45	4/22/200 8 14:30	5/28/200 8 15:15	6/24/200 8 20:06	7/13/200 8 15:28	8/19/200 8 16:25	8/19/200 8 16:35	9/23/200 8 15:10	10/20/20 08 13:15	11/18/20 08 11:19	12/17/20 08 12:46	1/20/200 9 14:25	2/24/200 9 11:35
A/C Balance (±5) (%)	-2.96	3.12	5.9	1.44	5.04	3.22	6.76	-3.03	0.62	5.27	8.46	5.42	-0.59
Alkalinity-Total as CaCO3 (mg/L)	130	126	166	172	184	208	206	196	194	184	180	174	176
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	1.2	0.8	0.7	0.6	0.7	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.4
Anions (meq/L)	34.2	34.6	34.5	41.2	39.4	43.6	39.4	36.8	32.7	32.8	31	31.2	33
Antimony-Total (mg/L)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.004	0.012	0.002	<0.001	0.016	0.017	0.014	<0.001	0.002	0.002	0.002	0.001	0.001
Arsenic-Total (mg/L)	0.023	0.022	0.028	0.025	0.044	0.022	0.021	0.016	0.01	0.006	0.009	0.01	0.006
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	<0.1	<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-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bicarbonate as HCO3 (mg/L)	158	134	202	210	224	254	251	239	236	224	219	212	215
Boron-Dissolved (mg/L)	<0.1	<0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	<0.1	0.2
Boron-Total (mg/L)	<0.1	<0.1	0.1	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium-Dissolved (mg/L)	284	331	407	461	466	499	481	347	331	375	377	350	334
Carbonate as CO3 (mg/L)	<5	10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Cations (meq/L)	32.2	36.8	38.8	42.4	43.6	46.5	45.1	34.6	33.1	36.4	36.7	34.8	32.6
Chloride (mg/L)	37	16	15	15	15	15	15	15	17	17	16	16	16
Chromium-Dissolved (mg/L)	<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
Chromium-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.42	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Conductivity (field, umhos/cm)	2250	2818	2821	3069	3098	2843	NA	2700	2700	2800	2700	2500	2700
Conductivity @ 25 C (umhos/cm)	2770	2730	2610	2970	3070	3480	3310	2060	2660	2310	2490	2600	2510

[illegible]

Well #3026													
Analyte	3/30/200 8 18:45	4/22/200 8 14:30	5/28/200 8 15:15	6/24/200 8 20:06	7/13/200 8 15:28	8/19/200 8 16:25	8/19/200 8 16:35	9/23/200 8 15:10	10/20/20 08 13:15	11/18/20 08 11:19	12/17/20 08 12:46	1/20/200 9 14:25	2/24/200 9 11:35
Thorium 230-Dissolved (pCi/L)	<0.2	0.1	0.1	<0.2	0.1	<0.2	<0.2	<0.2	0.1	<0.2	0.1	<0.2	-0.03
Thorium 230-Suspended (pCi/L)	1	0.3	0.2	<0.2	<0.2	<0.2	0.1	0.5	-0.1	-0.1	0.1	-0.1	-0.07
Thorium 232-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Turbidity (NTU)	19.9	17.5	1.2	5	10.7	9.1	NA	NA	NA	NA	NA	NA	NA
Uranium-Dissolved (mg/L)	0.0151	0.015	0.0281	0.0183	0.0128	0.0106	0.0111	0.0059	0.0045	0.0048	0.0045	0.0039	0.0022
Uranium-Suspended (mg/L)	0.004	0.001	0.0013	0.0015	<0.003	<0.0003	<0.0003	<0.0008	<0.0003	<0.0003	<0.0009	0.0003	<0.0003
Uranium-Total (mg/L)	0.0097	0.0196	0.0322	0.0216	0.0151	0.0105	0.0112	0.0085	0.0055	0.0044	0.0047	0.0047	0.0025
Vanadium-Dissolved (mg/L)	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Water Temperature (field, deg C)	10.89	12	12.03	12.41	12.36	12.37	NA	13.8	12.2	12.3	11.1	11.2	11.9
Zinc-Dissolved (mg/L)	<0.01	0.01	<0.01	<0.01	0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	0.02	<0.01
Zinc-Total (mg/L)	<0.01	0.01	0.01	0.01	0.03	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Well #4002					
Analyte	9/27/2007 14:35	9/27/2007 14:39	11/14/2007 11:45	2/12/2008 11:47	5/19/2008 13:00
A/C Balance ($\pm$ 5) (%)	-4.1	0.215	-1.56	-2.61	2.11
Alkalinity-Total as CaCO ₃ (mg/L)	140	138	140	138	144
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.3	<0.1	<0.1	<0.1	<0.1
Anions (meq/L)	11.3	11	12.3	12.8	12.4
Antimony-Total (mg/L)	ND	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	ND	<0.001	0.002
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	171	168	171	168	176
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	ND	<0.005	<0.001
Calcium-Dissolved (mg/L)	36.8	38.7	41.4	42.4	46.6
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5	<5
Cations (meq/L)	10.4	11.1	12	12.1	13
Chloride (mg/L)	7	7	7	7	6
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	747	ND	1185	1230	1214
Conductivity @ 25 C (umhos/cm)	1190	1210	1130	1230	1340
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	0.43	ND	ND	ND	1.39
Fluoride (mg/L)	0.3	0.3	0.4	0.4	0.4
Gross Alpha-Dissolved (pCi/L)	120	141	227	314	127
Gross Beta-Dissolved (pCi/L)	45.5	49.6	87.9	101	30.1
Gross Gamma-Dissolved (pCi/L)	120	<20	2200	650	210

Well #4002

Analyte	9/27/2007 14:35	9/27/2007 14:39	11/14/2007 11:45	2/12/2008 11:47	5/19/2008 13:00
Iron-Dissolved (mg/L)	<0.03	<0.03	<0.03	<0.03	<0.03
Iron-Total (mg/L)	ND	ND	ND	2.23	2.29
Lead 210-Dissolved (pCi/L)	2	<1	6.2	<1	-2.6
Lead 210-Suspended (pCi/L)	9.7	<1	<1	<1	1.4
Lead-Dissolved (mg/L)	12	<1	ND	ND	ND
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	ND	ND	ND	<0.001	<0.001
Manganese-Dissolved (mg/L)	11.9	12.4	13.9	14.2	15.8
Manganese-Total (mg/L)	0.08	0.07	0.08	0.08	0.08
Mercury-Dissolved (mg/L)	ND	ND	ND	0.08	0.08
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.0002	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	ND	ND	ND	<0.01	<0.01
Nickel-Total (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrogen, Nitrate as N (mg/L)	ND	ND	ND	<0.05	<0.05
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1	0.1
Oxidation-Reduction Potential (mV)	<0.1	<0.1	<0.1	<0.1	<0.1
pH	ND	ND	140	190	250
pH (field)	8.32	ND	8.17	7.83	7.92
Polonium 210-Dissolved (pCi/L)	7.81	7.85	7.65	7.83	8.02
Polonium 210-Suspended (pCi/L)	<1	<1	<1	2.1	ND
Potassium-Dissolved (mg/L)	<1	<1	<1	<1	0.1
Radium 226-Dissolved (pCi/L)	<1	<1	ND	ND	ND
Radium 226-Suspended (pCi/L)	7.2	7.3	7.3	7.4	7.1
Radon 222-Total (pCi/L)	63.6	60	54.2	57	52.3
Selenium-Dissolved (mg/L)	<0.2	19.4	ND	37	8.4
Selenium-IV-Dissolved (mg/L)	62.7	79.4	ND	ND	ND
Selenium-Total (mg/L)	ND	ND	8010	9890	8780
Selenium-VI-Dissolved (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.005
Silica-Dissolved (mg/L)	ND	ND	<0.001	<0.001	<0.001
Silver-Dissolved (mg/L)	ND	ND	ND	<0.001	<0.001

Well #4002

Analyte	9/27/2007 14:35	9/27/2007 14:39	11/14/2007 11:45	2/12/2008 11:47	5/19/2008 13:00
Silver-Total (mg/L)	ND	ND	<0.001	<0.001	<0.001
Sodium Adsorption Ratio (SAR) (meq/L)	6.6	6.9	7.6	7.3	3.8
Sodium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Solids-Total Dissolved Calculated (mg/L)	ND	ND	ND	<0.005	<0.005
Solids-Total Dissolved TDS @ 180 C (mg/L)	ND	ND	6.7	6.7	6.8
Strontium-Total (mg/L)	170	182	197	198	211
Sulfate (mg/L)	716	717	799	842	834
TDS Balance (0.80 - 1.20) (dec.%)	820	800	850	830	790
Thallium-Total (mg/L)	ND	ND	ND	0.8	0.9
Thorium 230-Dissolved (pCi/L)	454	453	448	470	450
Thorium 230-Suspended (pCi/L)	1.15	1.12	1.06	0.98	0.94
Thorium 232-Dissolved (pCi/L)	ND	ND	ND	<0.001	<0.001
Turbidity (field) (NTU)	ND	ND	3.2	0.3	0.7
Uranium-Dissolved (mg/L)	0.5	0.6	<0.2	0.2	ND
Uranium-Suspended (mg/L)	<0.2	<0.2	<0.2	<0.2	0.1
Uranium-Total (mg/L)	<0.2	<0.2	ND	ND	ND
Vanadium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
Water Temperature (field, deg C)	ND	ND	11.21	8.34	12.08
Zinc-Dissolved (mg/L)	0.0026	0.0026	0.0026	0.0026	0.0023
Zinc-Total (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003

Well #7002				
Analyte	9/28/2007 17:48	11/12/2007 8:10	2/20/2008 8:30	5/29/2008 10:44
A/C Balance (± 5) (%)	-4.65	2.47	-5.62	7.56
Alkalinity-Total as CaCO ₃ (mg/L)	280	250	260	254
Aluminum-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Ammonia (mg/L)	0.3	0.3	0.2	0.2
Anions (meq/L)	26.3	26.9	28	26.5
Antimony-Total (mg/L)	ND	ND	<0.003	<0.003
Arsenic-Dissolved (mg/L)	0.001	0.001	0.001	<0.001
Arsenic-Total (mg/L)	ND	ND	0.001	0.004
Barium-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Barium-Total (mg/L)	ND	ND	<0.1	<0.1
Beryllium-Total (mg/L)	ND	ND	<0.001	<0.001
Bicarbonate as HCO ₃ (mg/L)	341	305	317	310
Boron-Dissolved (mg/L)	<0.1	<0.1	<0.1	<0.1
Boron-Total (mg/L)	ND	ND	<0.1	<0.1
Cadmium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Cadmium-Total (mg/L)	ND	ND	<0.005	<0.005
Calcium-Dissolved (mg/L)	206	237	213	264
Carbonate as CO ₃ (mg/L)	<5	<5	<5	<5
Cations (meq/L)	23.9	28.2	25	30.9
Chloride (mg/L)	10	11	9	9
Chromium-Dissolved (mg/L)	<0.05	<0.05	<0.05	<0.05
Chromium-Total (mg/L)	ND	ND	<0.05	<0.05
Conductivity (field, umhos/cm)	1815	2275	2113	2258
Conductivity @ 25 C (umhos/cm)	2200	2210	2420	2480
Copper-Dissolved (mg/L)	<0.01	<0.01	<0.01	<0.01
Copper-Total (mg/L)	ND	ND	<0.01	<0.01
Dissolved Oxygen (field, mg/L)	ND	1.11	1.21	ND
Fluoride (mg/L)	0.2	0.2	0.5	0.3
Gross Alpha-Dissolved (pCi/L)	45.6	39.8	91.4	29.5
Gross Beta-Dissolved (pCi/L)	29.7	34.1	41.4	28.4
Gross Gamma-Dissolved (pCi/L)	1200	1600	370	ND
Iron-Dissolved (mg/L)	<0.03	0.25	0.28	0.06
Iron-Total (mg/L)	ND	ND	1.25	1.32
Lead 210-Dissolved (pCi/L)	<1	<1	13	-0.6
Lead 210-Suspended (pCi/L)	<1	<1	7.9	-1.1
Lead-Dissolved (mg/L)	<1	ND	ND	ND
Lead-Total (mg/L)	<0.001	<0.001	<0.001	<0.001
Magnesium-Dissolved (mg/L)	ND	ND	<0.001	<0.001
Manganese-Dissolved (mg/L)	77.7	90.4	81.7	103
Manganese-Total (mg/L)	0.39	0.37	0.38	0.41
Mercury-Dissolved (mg/L)	ND	ND	0.37	0.4
Mercury-Total (mg/L)	<0.001	<0.001	<0.001	<0.001
Molybdenum-Dissolved (mg/L)	<0.0002	<0.001	<0.001	<0.0001
Molybdenum-Total (mg/L)	<0.1	<0.1	<0.1	<0.1
Nickel-Dissolved (mg/L)	ND	ND	<0.01	<0.1
Nickel-Total (mg/L)	<0.05	<0.05	<0.05	<0.05

Well #7002				
Analyte	9/28/2007 17:48	11/12/2007 8:10	2/20/2008 8:30	5/29/2008 10:44
Nitrogen, Nitrate as N (mg/L)	ND	ND	<0.05	<0.05
Nitrogen, Nitrite as N (mg/L)	<0.1	<0.1	<0.1	<0.1
Oxidation-Reduction Potential (mV)	<0.1	<0.1	<0.1	<0.1
pH	ND	190	170	230
pH (field)	6.99	7.89	7.19	7.5
Polonium 210-Dissolved (pCi/L)	7.29	7.22	7.56	7.36
Polonium 210-Suspended (pCi/L)	1.3	4.1	<1	0.1
Potassium-Dissolved (mg/L)	<1	<1	<1	0.2
Radium 226-Dissolved (pCi/L)	<1	ND	ND	ND
Radium 226-Suspended (pCi/L)	19.9	22.2	21	21.7
Radon 222-Total (pCi/L)	8.5	8.1	8.8	8
Selenium-Dissolved (mg/L)	<0.2	<0.2	<0.9	ND
Selenium-IV-Dissolved (mg/L)	6.3	ND	ND	ND
Selenium-Total (mg/L)	ND	938	752	1270
Selenium-VI-Dissolved (mg/L)	0.001	<0.001	0.001	<0.001
Silica-Dissolved (mg/L)	ND	<0.001	<0.001	<0.001
Silver-Dissolved (mg/L)	ND	ND	<0.001	<0.001
Silver-Total (mg/L)	ND	<0.001	<0.001	<0.001
Sodium Adsorption Ratio (SAR) (meq/L)	7.3	8.2	7.8	3.4
Sodium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Solids-Total Dissolved Calculated (mg/L)	ND	ND	<0.005	<0.005
Solids-Total Dissolved TDS @ 180 C (mg/L)	ND	2.7	2.4	2.6
Strontium-Total (mg/L)	152	192	162	197
Sulfate (mg/L)	1620	1750	1750	1780
TDS Balance (0.80 - 1.20) (dec.%)	1900	1900	1900	1800
Thallium-Total (mg/L)	ND	ND	6.6	7.7
Thorium 230-Dissolved (pCi/L)	1160	1040	1080	1020
Thorium 230-Suspended (pCi/L)	1.19	1.09	1.07	1.03
Thorium 232-Dissolved (pCi/L)	ND	ND	<0.001	<0.001
Turbidity (field) (NTU)	ND	1.9	0.7	2.2
Uranium-Dissolved (mg/L)	<0.2	<0.2	<0.2	0.1
Uranium-Suspended (mg/L)	<0.2	<0.2	<0.2	ND
Uranium-Total (mg/L)	<0.2	ND	ND	ND
Vanadium-Dissolved (mg/L)	<0.005	<0.005	<0.005	<0.005
Water Temperature (field, deg C)	11.99	11.37	11.02	12.03
Zinc-Dissolved (mg/L)	0.0007	0.0006	0.0006	0.0005
Zinc-Total (mg/L)	<0.0003	<0.0003	<0.0003	<0.0003

GROUNDWATER QUALITY SITES
STATISTICS

WELL #2										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	-0.59175	3.17519	-3.14	-0.8985	1.9565	-3.82	3.25
alkalinity-total as caco3 (mg/l)	5	4	4	210.5	3	208	210	213	208	214
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.2	0.5	0.4	0.5	0.5
anions (meq/l)	N/A	4	4	16.9	0.60553	16.55	16.65	17.25	16.5	17.8
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	1	0.00225	0.002475	0.001	0.00225	0.004	0.0005	0.004
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	4	4	256.75	3.40343	254	256	259.5	254	261
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	53	3.914929	50.1	52.85	55.9	48.5	57.8
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	16.7	0.74833	16.2	16.6	17.2	15.9	17.7
chloride (mg/l)	1	4	4	10.25	0.95743	9.5	10.5	11	9	11
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	2144.75	1528.874	1305.5	1548	2984	1070	4413

WELL #2										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	4	4	1580	69.7615	1535	1575	1625	1500	1670
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	1	1	1.87	0	1.87	1.87	1.87	1.87	1.87
do meter charge	N/A	2	2	37.95	14.49569	27.7	37.95	48.2	27.7	48.2
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.25	0.057735	0.2	0.25	0.3	0.2	0.3
gross alpha-dissolved (pci/l)	1	4	4	6.25	3.343152	4.05	7.45	8.45	1.4	8.7
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	13.525	5.860816	9.8	11.35	17.25	9.3	22.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	1	72.5	125	10	10	140	10	260
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	1.51	0.042426	1.48	1.51	1.54	1.48	1.54
lead 210-dissolved (pci/l)	1	4	1	1.15	1.3	1	0.5	2.05	0.5	3.1
lead 210-suspended (pci/l)	1	4	1	0.725	0.45	1	0.5	1.2	0.5	1.4
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	1	0.012875	0.02475	0.001	0.0005	0.0255	0.0005	0.05
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	17.25	1.379613	16.2	17.1	18.3	15.8	19
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.0825	0.005	0.08	0.08	0.085	0.08	0.09
manganese-total (mg/l)	0.01	2	2	0.09	0	0.09	0.09	0.09	0.09	0.09
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.0006	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00055	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05

WELL #2										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	173.3333	28.86751	152.5	190	190	140	190
ph	0.01	4	4	7.9025	0.03594	7.88	7.915	7.925	7.85	7.93
ph (field)	N/A	4	4	7.9775	0.152834	7.88	7.925	8.075	7.86	8.2
polonium 210-dissolved (pci/l)	1	4	2	1.275	0.895824	0.55	1.25	2.05	0.5	2.1
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.5	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	11.35	0.238048	11.2	11.45	11.5	11	11.5
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	3	1.15	0.822598	0.65	1.2	1.7	0.1	2.1
radium 226-suspended (pci/l)	0.2	4	1	0.625	1.05	0.2	0.1	1.2	0.1	2.2
radium 226-total (pci/l)	0.2	1	1	2.2	0	2.2	2.2	2.2	2.2	2.2
radon 222-total (pci/l)	100	3	3	731	59.10161	687.25	727	775.75	674	792
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	7.275	2.007278	6.15	8.05	8.4	4.3	8.7
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	8.6	0.264575	8.4	8.7	8.775	8.3	8.8
sodium-dissolved (mg/l)	0.8	4	4	283	10.86278	274.5	281	291.5	273	297

WELL #2										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1107.5	38.6221	1080	1100	1135	1070	1160
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1100	0	1100	1100	1100	1100	1100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	1.75	0.070711	1.7	1.75	1.8	1.7	1.8
sulfate (mg/l)	36	4	4	594.5	29.77135	578	581	611	577	639
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	0.9675	0.025	0.95	0.965	0.985	0.94	1
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.15	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.003	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	0.933333	0.61101	0.5	0.8	1.4	0.4	1.6
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	3	1	0.000233	0.000144	0.0003	0.00015	0.000375	0.00015	0.0004
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	13.16667	0.688573	12.65	13.46	13.61	12.38	13.66
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

Well #7										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	0.7525	5.321243	-3.115	-0.685	4.62	-3.73	8.11
alkalinity-total as caco3 (mg/l)	5	4	4	171.5	3	170	170	173	170	176
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.3	0.5	0.35	0.5	0.5
anions (meq/l)	N/A	4	4	15	0.883176	14.25	15	15.75	14.1	15.9
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	1	0.00175	0.001768	0.001	0.00175	0.003	0.0005	0.003
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	4	4	209	4	207	207	211	207	215
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	35.25	5.182342	31.45	34.45	39.05	30	42.1
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	15.25	1.690168	14.05	15.5	16.45	13	17
chloride (mg/l)	1	4	4	11.5	0.57735	11	11.5	12	11	12
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	1405.5	148.3476	1318	1470.5	1493	1185	1496

Well #7										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	4	4	1545	96.78154	1465	1545	1625	1440	1650
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	4.215	1.138442	3.41	4.215	5.02	3.41	5.02
do meter charge	N/A	2	2	38.95	17.32412	26.7	38.95	51.2	26.7	51.2
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.35	0.057735	0.3	0.35	0.4	0.3	0.4
gross alpha-dissolved (pci/l)	1	4	4	7.6	5.516641	3.85	5.8	11.35	3.3	15.5
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	9.9	4.047221	7.3	9.85	12.5	5	14.9
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	354.25	565.9672	38.5	103.5	665	10	1200
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	0.41	0	0.41	0.41	0.41	0.41	0.41
lead 210-dissolved (pci/l)	1	4	1	6.375	11.75	0.75	0.5	12.5	0.5	24
lead 210-suspended (pci/l)	1	4	0	0.5	0	-3.2	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	14.75	2.788668	12.75	14.65	16.75	11.5	18.2
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.03	0	0.03	0.03	0.03	0.03	0.03
manganese-total (mg/l)	0.01	2	2	0.03	0	0.03	0.03	0.03	0.03	0.03
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05

Well #7										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	200	17.32051	187.5	210	210	180	210
ph	0.01	4	4	8.1225	0.051235	8.09	8.135	8.155	8.05	8.17
ph (field)	N/A	4	4	7.9575	0.397775	7.72	8.06	8.195	7.39	8.32
polonium 210-dissolved (pci/l)	1	4	1	0.9	0.8	0.5	0.5	1.55	0.5	2.1
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.45	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	10.975	0.125831	10.9	11	11.05	10.8	11.1
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	0.825	0.221736	0.65	0.8	1	0.6	1.1
radium 226-suspended (pci/l)	0.2	4	1	0.3	0.4	-0.05	0.1	0.55	0.1	0.9
radium 226-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
radon 222-total (pci/l)	100	3	3	299.6667	132.2888	215	242	398.75	206	451
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.725	1.755705	5.8	7.5	7.65	4.1	7.8
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	9.9	0.173205	9.775	10	10	9.7	10
sodium-dissolved (mg/l)	0.8	4	4	275.5	27.47726	256.5	282.5	294.5	237	300

Well #7										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	999	70.73896	953	1025	1045	896	1050
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	987.5	18.92969	975	995	1000	960	1000
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	1.05	0.070711	1	1.05	1.1	1	1.1
sulfate (mg/l)	36	4	4	562.5	33.39162	540.5	575	584.5	514	586
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0075	0.103078	0.945	0.965	1.07	0.94	1.16
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	0.433333	0.305505	0.2	0.5	0.65	0.1	0.7
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	4	4	11.625	3.23131	9.945	13.205	13.305	6.78	13.31
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

Well #8

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	3	3	2.64	4.401965	-0.5725	5.03	5.255	-2.44	5.33
alkalinity-total as caco3 (mg/l)	5	4	4	163.5	5.259911	160	165	167	156	168
aluminum-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.15	0.5	0.3	0.5	0.5
anions (meq/l)	N/A	3	3	14.13333	0.960902	13.4	14.3	14.825	13.1	15
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	1	0.00175	0.001768	0.001	0.00175	0.003	0.0005	0.003
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	5	5	202.8	9.731393	197.5	202	208	190	217
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	53.775	4.367589	50.55	53.85	57	48.5	58.9
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	5	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	5	5	14.5	0.824621	13.9	14.3	14.85	13.9	15.9
chloride (mg/l)	1	5	5	12	0.707107	11.75	12	12.25	11	13
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	1266.5	239.4361	1137.5	1378	1395.5	908	1402

Well #8

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	4	4	1457.5	68.49574	1420	1425	1495	1420	1560
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	1	1	5.42	0	5.42	5.42	5.42	5.42	5.42
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.425	0.05	0.4	0.4	0.45	0.4	0.5
gross alpha-dissolved (pci/l)	1	5	5	6.26	2.507588	4.55	5.4	8.775	3.2	9
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	5	5	21.44	5.69412	16.125	21	26.025	15.9	29.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	2	410	480	10	330	810	10	970
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	0.22	0.014142	0.21	0.22	0.23	0.21	0.23
lead 210-dissolved (pci/l)	1	3	1	1.333333	1.443376	0.85	0.5	2.5	0.5	3
lead 210-suspended (pci/l)	1	4	2	1.95	2.074448	1	1.2	3.4	0.5	4.9
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	1	0.012875	0.02475	0.001	0.0005	0.0255	0.0005	0.05
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	23.675	2.238117	21.9	23.6	25.45	21.2	26.3
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.09	0.014142	0.08	0.085	0.1	0.08	0.11
manganese-total (mg/l)	0.01	2	2	0.085	0.007071	0.08	0.085	0.09	0.08	0.09
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.0006	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05

Well #8

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	5	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	193.3333	37.85939	165	210	217.5	150	220
ph	0.01	4	4	7.9475	0.017078	7.935	7.945	7.96	7.93	7.97
ph (field)	N/A	4	4	7.8875	0.073655	7.84	7.885	7.935	7.8	7.98
polonium 210-dissolved (pci/l)	1	4	1	0.775	0.55	0.4	0.5	1.3	0.5	1.6
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.45	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	14.575	0.853913	13.95	14.45	15.2	13.7	15.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	3	1.175	0.771902	0.7	1.35	1.7	0.1	1.9
radium 226-suspended (pci/l)	0.2	3	2	2.133333	1.795364	0.4	2.8	3.325	0.1	3.5
radium 226-total (pci/l)	0.2	1	1	3.5	0	3.5	3.5	3.5	3.5	3.5
radon 222-total (pci/l)	100	3	3	346.6667	159.2367	230	329	467.75	197	514
selenium-dissolved (mg/l)	0.001	3	1	0.001	0.000866	0.001	0.0005	0.00175	0.0005	0.002
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	5	5	6.2	1.532971	5.825	6.7	7	3.5	7.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	6.2	0.43589	5.875	6.4	6.475	5.7	6.5
sodium-dissolved (mg/l)	0.8	4	4	221.25	16.87947	210.5	223	232	199	240

Well #8

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	946.75	45.46336	920.5	967.5	973	879	973
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1000	71.18052	950	980	1050	940	1100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	1.6	0	1.6	1.6	1.6	1.6	1.6
sulfate (mg/l)	36	4	4	519.75	48.85608	484.5	527	555	455	570
tds balance (0.80 - 1.20) (dec.%)	N/A	3	3	1.04	0.096437	0.9775	1	1.1125	0.97	1.15
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	5	0	0.1	0	0.175	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	3	0	0.1	1.7E-17	0.05	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.003	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	0.1	0.707107	-0.4	0.1	0.6	-0.4	0.6
uranium-dissolved (mg/l)	0.003	3	0	0.0015	2.66E-19	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	3	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
vanadium-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	2	2	17.55	1.343503	16.6	17.55	18.5	16.6	18.5
water temperature (field, deg c)	N/A	3	3	11.94667	2.663538	10.21	10.87	13.9525	9.99	14.98
zinc-dissolved (mg/l)	0.01	3	1	0.01	0.00866	0.01	0.005	0.0175	0.005	0.02
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

Well #13										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	-0.695	5.332257	-4.245	-2.395	2.855	-4.96	6.97
alkalinity-total as caco3 (mg/l)	5	4	4	156.5	10.87811	149	158	164	142	168
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.1	0.5	0.35	0.5	0.5
anions (meq/l)	N/A	4	4	13.2	0.875595	12.45	13.25	13.95	12.3	14
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	4	4	190.75	13.37597	181.5	192.5	200	173	205
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.001	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	62.275	6.964374	57.7	59.65	66.85	57.4	72.4
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	13.05	1.066146	12.3	12.85	13.8	12	14.5
chloride (mg/l)	1	4	4	10.5	0.57735	10	10.5	11	10	11
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	1128	259.4391	986.5	1245	1269.5	740	1282

Well #13										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	4	4	1292.5	117.0114	1210	1305	1375	1140	1420
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	1.515	1.104008	0.815	1.35	2.215	0.35	3.01
do meter charge	N/A	2	2	37.45	15.2028	26.7	37.45	48.2	26.7	48.2
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.45	0.057735	0.4	0.45	0.5	0.4	0.5
gross alpha-dissolved (pci/l)	1	4	4	10.025	6.616835	5.85	8.2	14.2	4.2	19.5
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	10.75	0.974679	9.95	10.85	11.55	9.6	11.7
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	1	1082.5	2145	10	10	2160	10	4300
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	3.835	1.025305	3.11	3.835	4.56	3.11	4.56
lead 210-dissolved (pci/l)	1	4	2	2.45	2.26495	1	2.3	4.4	0.5	4.7
lead 210-suspended (pci/l)	1	4	0	0.5	0	0.4	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	24.5	3.742548	21.7	23.75	27.3	21	29.5
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.165	0.047258	0.13	0.18	0.2	0.1	0.2
manganese-total (mg/l)	0.01	2	2	0.18	0.028284	0.16	0.18	0.2	0.16	0.2
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00015	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.01	0.05	0.05

Well #13										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	230	30	207.5	230	252.5	200	260
ph	0.01	4	4	7.8975	0.13351	7.79	7.895	8.005	7.75	8.05
ph (field)	N/A	4	4	7.9525	0.134505	7.855	7.91	8.05	7.85	8.14
polonium 210-dissolved (pci/l)	1	4	2	1.175	0.991211	0.2	0.8	1.85	0.5	2.6
polonium 210-suspended (pci/l)	1	4	1	1.675	2.35	0.5	0.5	3.1	0.5	5.2
polonium 210-total (pci/l)	1	1	1	5.2	0	5.2	5.2	5.2	5.2	5.2
potassium-dissolved (mg/l)	0.5	4	4	11.575	0.221736	11.4	11.6	11.75	11.3	11.8
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	1.525	0.298608	1.35	1.6	1.7	1.1	1.8
radium 226-suspended (pci/l)	0.2	4	1	0.475	0.75	0.105	0.1	0.9	0.1	1.6
radium 226-total (pci/l)	0.2	1	1	1.1	0	1.1	1.1	1.1	1.1	1.1
radon 222-total (pci/l)	100	3	3	325	78.92401	269.75	305	385.25	258	412
selenium-dissolved (mg/l)	0.001	4	1	0.001625	0.00225	0.001	0.0005	0.003	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6	1.726268	4.9	6.35	7.1	3.6	7.7
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	4.766667	0.11547	4.7	4.7	4.85	4.7	4.9
sodium-dissolved (mg/l)	0.8	4	4	174.75	10.27538	168	174	181.5	163	188

Well #13										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	856	52.9591	819	872.5	893	781	898
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	877.5	18.92969	865	885	890	850	890
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	1.6	0.141421	1.5	1.6	1.7	1.5	1.7
sulfate (mg/l)	36	4	4	487.25	32.95831	465	493.5	509.5	442	520
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0275	0.078899	0.975	1.005	1.08	0.96	1.14
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.175	0.15	0.1	0.1	0.3	0.1	0.4
thorium 230-suspended (pci/l)	0.2	4	1	0.175	0.15	0.2	0.1	0.3	0.1	0.4
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	2.6	0.608276	2.15	2.9	2.975	1.9	3
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	9.8	3.384612	7.215	10.56	12.195	6.1	12.74
zinc-dissolved (mg/l)	0.01	4	1	0.01375	0.0175	0.01	0.005	0.025	0.005	0.04
zinc-total (mg/l)	0.01	2	2	0.055	0.021213	0.04	0.055	0.07	0.04	0.07

Well #16										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	-0.4425	3.424358	-2.425	-1.775	1.54	-2.85	4.63
alkalinity-total as caco3 (mg/l)	5	4	4	151	4.760952	148	149	154	148	158
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.1	0.5	0.25	0.5	0.5
anions (meq/l)	N/A	4	4	11.7	0.627163	11.25	11.65	12.15	11	12.5
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
arsenic-total (mg/l)	0.001	2	2	0.003	0.001414	0.002	0.003	0.004	0.002	0.004
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	4	4	184	6.164414	180	181.5	188	180	193
boron-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	112.25	9.429563	105.5	110.5	119	103	125
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	4	4	11.6	0.860233	10.9	11.55	12.3	10.7	12.6
chloride (mg/l)	1	4	4	4.75	0.5	4.5	5	5	4	5
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	958	176.0398	828.5	966.5	1087.5	740	1159

Well #16										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	4	4	1013.75	67.74646	962.5	1025	1065	925	1080
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	0.25	0.028284	0.23	0.25	0.27	0.23	0.27
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.425	0.05	0.4	0.4	0.45	0.4	0.5
gross alpha-dissolved (pci/l)	1	4	4	47.225	33.1899	20.25	45.5	74.2	12.2	85.7
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	30.9	12.28414	21.65	28.55	40.15	19.3	47.2
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	917.5	976.469	310	680	1530	10	2300
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	0.255	0.007071	0.25	0.255	0.26	0.25	0.26
lead 210-dissolved (pci/l)	1	4	2	1.3	0.927362	-13	1.25	2.1	0.5	2.2
lead 210-suspended (pci/l)	1	4	1	0.675	0.35	-0.2	0.5	1.1	0.5	1.2
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	1	0.00175	0.001768	0.001	0.00175	0.003	0.0005	0.003
magnesium-dissolved (mg/l)	0.5	4	4	43.475	3.991136	40.05	43.75	46.9	39.4	47
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	3	0.10875	0.070282	0.07	0.135	0.15	0.005	0.16
manganese-total (mg/l)	0.01	2	2	0.135	0.007071	0.13	0.135	0.14	0.13	0.14
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.0002	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05

Well #16										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	1	0.0875	0.075	0.1	0.05	0.15	0.05	0.2
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	223.3333	20.81666	207.5	230	237.5	200	240
ph	0.01	4	4	7.465	0.081035	7.405	7.455	7.525	7.38	7.57
ph (field)	N/A	3	3	7.41	0.270555	7.205	7.43	7.61	7.13	7.67
polonium 210-dissolved (pci/l)	1	4	0	0.5	0	0.1	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.4	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	16.1	0.734847	15.55	16.3	16.65	15.1	16.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	14	9.001852	7.25	11.7	20.75	6.4	26.2
radium 226-suspended (pci/l)	0.2	4	1	0.425	0.65	-0.05	0.1	0.8	0.1	1.4
radium 226-total (pci/l)	0.2	1	1	17.4	0	17.4	17.4	17.4	17.4	17.4
radon 222-total (pci/l)	100	3	3	10813.33	15092.48	1605	3150	21937.5	1090	28200
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.002	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.175	1.552149	5.2	6.75	7.15	3.9	7.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	0.943333	0.015275	0.9325	0.94	0.955	0.93	0.96
sodium-dissolved (mg/l)	0.8	4	4	46.025	2.280899	44.05	46.05	48	44	48

Well #16										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	732.5	42.58717	700.5	729	764.5	686	786
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	782.5	20.61553	770	780	795	760	810
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	2.7	0	2.7	2.7	2.7	2.7	2.7
sulfate (mg/l)	36	4	4	431.5	22.51666	414.5	438	448.5	401	449
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.07	0.067823	1.015	1.075	1.125	0.99	1.14
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.15	0.1	0.1	0.1	0.25	0.1	0.3
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.05	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	0.5	0.707107	0	0.5	1	0	1
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0005	0.0015	0.0014	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	1	0.000425	0.000389	0.0003	0.000425	0.0007	0.00015	0.0007
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	12.26667	3.141247	9.8675	12.95	14.495	8.84	15.01
zinc-dissolved (mg/l)	0.01	4	3	0.03125	0.023936	0.015	0.03	0.05	0.005	0.06
zinc-total (mg/l)	0.01	2	2	0.025	0.007071	0.02	0.025	0.03	0.02	0.03

Well #18										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
a/c balance (± 5) (%)	N/A	4	4	0.913	3.141272	-1.0045	-0.014	2.8305	-1.77	5.45
alkalinity-total as caco3 (mg/l)	5	4	4	180	3.265986	178	180	182	176	184
aluminum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ammonia (mg/l)	1	4	0	0.5	0	0.15	0.5	0.2	0.5	0.5
anions (meq/l)	N/A	4	4	14.775	0.434933	14.45	14.85	15.1	14.2	15.2
antimony-total (mg/l)	0.003	2	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015
arsenic-dissolved (mg/l)	0.001	4	1	0.000875	0.00075	0.001	0.0005	0.0015	0.0005	0.002
arsenic-total (mg/l)	0.001	2	2	0.0025	0.000707	0.002	0.0025	0.003	0.002	0.003
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
barium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
barium-total (mg/l)	0.1	2	0	0.05	0	0.1	0.05	0.1	0.05	0.05
beryllium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
bicarbonate as hco3 (mg/l)	5	3	3	220.6667	2.886751	219	219	222.75	219	224
boron-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
boron-total (mg/l)	0.2	2	0	0.1	0	0.1	0.1	0.1	0.1	0.1
cadmium-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
cadmium-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
calcium-dissolved (mg/l)	0.5	4	4	34.075	2.772935	32.15	33.25	36	31.8	38
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
carbonate as co3 (mg/l)	5	4	0	2.5	0	5	2.5	5	2.5	2.5
cations (meq/l)	N/A	3	3	15.1	0.608276	14.725	14.8	15.55	14.7	15.8
chloride (mg/l)	1	5	5	13	0.707107	12.75	13	13.25	12	14
chromium-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
chromium-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	4	4	1356	133.7336	1282.5	1410.5	1429.5	1157	1446

Well #18										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity @ 25 c (umhos/cm)	5	5	5	1408	60.16644	1352.5	1430	1455	1330	1470
copper-dissolved (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	1.31	0.636396	0.86	1.31	1.76	0.86	1.76
do meter charge	N/A	2	2	37.95	14.49569	27.7	37.95	48.2	27.7	48.2
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	3	3	0.433333	0.057735	0.4	0.4	0.475	0.4	0.5
gross alpha-dissolved (pci/l)	1	3	3	24.96667	8.29538	18.65	27.5	30.65	15.7	31.7
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	9.375	4.257053	5.75	9.85	13	4.8	13
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	270	217.2556	95	280	440	10	510
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	5	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	1.075	0.049497	1.04	1.075	1.11	1.04	1.11
lead 210-dissolved (pci/l)	1	5	1	1.32	1.833576	0.5	0.5	1.9	0.5	4.6
lead 210-suspended (pci/l)	1	3	1	10.2	16.80089	1	0.5	22.45	0.5	29.6
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	1	0.012875	0.02475	0.001	0.0005	0.0255	0.0005	0.05
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	12.075	0.970824	11.35	11.8	12.8	11.3	13.4
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.0625	0.005	0.06	0.06	0.065	0.06	0.07
manganese-total (mg/l)	0.01	2	2	0.06	0	0.06	0.06	0.06	0.06	0.06
mercury-dissolved (mg/l)	0.001	5	0	0.0005	0	0.0008	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	2	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05

Well #18										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
nickel-dissolved (mg/l)	0.05	5	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	138.3333	57.95113	96.25	130	182.5	85	200
ph	0.01	5	5	8.076	0.036469	8.05	8.09	8.1025	8.02	8.11
ph (field)	N/A	4	4	8.15	0.091287	8.09	8.125	8.21	8.07	8.28
polonium 210-dissolved (pci/l)	1	4	1	0.925	0.85	0.5	0.5	1.6	0.5	2.2
polonium 210-suspended (pci/l)	1	3	2	2.733333	2.891943	1.175	1.7	4.925	0.5	6
polonium 210-total (pci/l)	1	1	1	6	0	6	6	6	6	6
potassium-dissolved (mg/l)	0.5	5	5	7.08	0.164317	6.975	7	7.225	6.9	7.3
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	3	2.375	1.571358	1.4	2.9	3.4	0.1	3.6
radium 226-suspended (pci/l)	0.2	4	3	1.575	1.683993	0.65	1.1	2.55	0.1	4
radium 226-total (pci/l)	0.2	1	1	4	0	4	4	4	4	4
radon 222-total (pci/l)	100	3	3	1124.667	156.5418	1010.5	1210	1217.5	944	1220
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	3	3	6.5	1.997498	5.025	7.5	7.725	4.2	7.8
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	2	2	10	0	10	10	10	10	10
sodium-dissolved (mg/l)	0.8	3	3	279.6667	10.59874	272	278	287.75	270	291

Well #18										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	983	16.67333	969	983.5	997	965	1000
solids-total dissolved tds @ 180 c (mg/l)	5	5	5	960	18.70829	947.5	960	967.5	940	990
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	0.65	0.070711	0.6	0.65	0.7	0.6	0.7
sulfate (mg/l)	36	4	4	519	20.92845	502.5	523.5	535.5	492	537
tds balance (0.80 - 1.20) (dec.%)	N/A	3	3	0.983333	0.040415	0.96	0.96	1.0125	0.96	1.03
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	3	0	0.1	1.7E-17	0.05	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.15	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.003	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	0.733333	0.85049	0.175	0.4	1.375	0.1	1.7
uranium-dissolved (mg/l)	0.003	5	5	0.00634	0.000321	0.00605	0.0065	0.0066	0.0059	0.0066
uranium-suspended (mg/l)	0.0003	4	1	0.000538	0.000775	0.0003	0.00015	0.001	0.00015	0.0017
uranium-total (mg/l)	0.0003	2	2	0.0062	0	0.0062	0.0062	0.0062	0.0062	0.0062
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	12.28667	0.280951	12.08	12.26	12.5	12.02	12.58
zinc-dissolved (mg/l)	0.01	5	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

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Well #42										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	5	5	1272	199.9325	1067.5	1392	1410.5	1033	1463
conductivity @ 25 c (umhos/cm)	5	4	4	1407.5	82.61356	1350	1405	1465	1310	1510
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	3	3	2.303333	2.598506	0.585	1.32	4.2675	0.34	5.25
do meter charge	N/A	1	1	47.1	0	47.1	47.1	47.1	47.1	47.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.4	0	0.4	0.4	0.4	0.4	0.4
gross alpha-dissolved (pci/l)	1	4	4	457.5	98.45642	373	450.5	542	371	558
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	136.875	36.04251	107.75	140.5	166	93.5	173
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	4	18562.5	34308.83	725	2050	36400	150	70000
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	0.155	0.007071	0.15	0.155	0.16	0.15	0.16
lead 210-dissolved (pci/l)	1	4	3	13.575	9.054787	8	16.4	19.4	0.5	21
lead 210-suspended (pci/l)	1	4	3	22.125	24.33233	7.5	15.5	37	0.5	57
lead 210-total (pci/l)	1	1	1	57	0	57	57	57	57	57
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	11.75	1.721434	10.6	12.05	12.9	9.4	13.5
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.0775	0.012583	0.07	0.08	0.085	0.06	0.09
manganese-total (mg/l)	0.01	2	2	0.08	0	0.08	0.08	0.08	0.08	0.08
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00015	0.0005	0.001	0.0005	0.0005

Well #42										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	1	0.0875	0.075	0.1	0.05	0.15	0.05	0.2
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	203.3333	35.11885	177.5	200	230	170	240
ph	0.01	4	4	8.025	0.055678	7.985	8.035	8.065	7.95	8.08
ph (field)	N/A	5	5	7.97	0.133229	7.8425	8.01	8.0575	7.82	8.14
polonium 210-dissolved (pci/l)	1	4	2	2.025	2.373991	1	1.05	3.55	0.5	5.5
polonium 210-suspended (pci/l)	1	4	3	4.15	5.932116	0.7	1.55	7.5	0.5	13
polonium 210-total (pci/l)	1	1	1	13	0	13	13	13	13	13
potassium-dissolved (mg/l)	0.5	4	4	7.225	0.419325	6.95	7.15	7.5	6.8	7.8
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	99.625	2.286737	98.25	100	101	96.5	102
radium 226-suspended (pci/l)	0.2	4	1	1.35	2.5	-0.05	0.1	2.65	0.1	5.1
radium 226-total (pci/l)	0.2	1	1	79.7	0	79.7	79.7	79.7	79.7	79.7
radon 222-total (pci/l)	100	3	3	175333.3	43500.96	142750	175000	208000	132000	219000
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.45	1.571623	5.6	7.15	7.3	4.1	7.4
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #42										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	10.23333	0.680686	9.775	10	10.75	9.7	11
sodium-dissolved (mg/l)	0.8	4	4	269.5	19.94158	256	273.5	283	242	289
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	932.5	52.80467	895	950.5	970	858	971
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	952.5	22.17356	935	950	970	930	980
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	0.7	0	0.7	0.7	0.7	0.7	0.7
sulfate (mg/l)	36	4	4	498.75	22.80899	485.5	505	512	466	519
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.025	0.065574	0.985	1.005	1.065	0.97	1.12
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.2	0.2	0.15	0.1	0.35	0.1	0.5
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	0.4	0.173205	0.275	0.5	0.5	0.2	0.5
uranium-dissolved (mg/l)	0.003	4	4	0.02025	0.008416	0.0146	0.0172	0.0259	0.0142	0.0324
uranium-suspended (mg/l)	0.0003	4	1	0.000838	0.001375	0.0003	0.00015	0.0016	0.00015	0.0029
uranium-total (mg/l)	0.0003	2	2	0.01735	0.003465	0.0149	0.01735	0.0198	0.0149	0.0198
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	8.51	6.723042	3.6125	12.2	12.485	0.75	12.58

Well #42										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	3	0.01875	0.010308	0.015	0.02	0.025	0.005	0.03
zinc-total (mg/l)	0.01	2	2	0.025	0.007071	0.02	0.025	0.03	0.02	0.03

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Well #615										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	1066.545	71.95049	1008.25	1088	1117.5	925	1180
conductivity @ 25 c (umhos/cm)	5	11	11	1055.364	82.75176	982.25	1050	1097.5	965	1250
copper-dissolved (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	6	6	0.265	0.238642	0.11	0.195	0.27	0.09	0.73
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	12	12	0.533333	0.065134	0.5	0.5	0.6	0.4	0.6
gross alpha-dissolved (pci/l)	1	12	12	19.40833	6.625496	15.2	17.5	21.3	13.9	38.3
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	12	12	9.7	3.124682	8.3	10.45	12.05	3.7	12.8
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	6	356.8333	482.0188	20	21	960	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	11	9	0.35	0.349421	0.07	0.13	0.6825	0.015	0.95
iron-total (mg/l)	0.03	13	13	1.365385	0.085109	1.3175	1.35	1.4	1.19	1.52
lead 210-dissolved (pci/l)	1	11	5	1.445455	1.469941	-0.65	0.5	1.95	0.5	4.6
lead 210-suspended (pci/l)	1	11	4	1.4	1.71872	-2.75	0.5	1.4	0.5	5.8
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	12	2	0.001667	0.003595	0.001	0.0005	0.001	0.0005	0.013
magnesium-dissolved (mg/l)	0.5	12	12	21.875	0.812544	21.2	21.75	22.65	20.7	23.2
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	13	13	0.07	0.005774	0.07	0.07	0.07	0.06	0.08
manganese-total (mg/l)	0.01	11	11	0.068182	0.004045	0.07	0.07	0.07	0.06	0.07
mercury-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.0008	0.0005	0.001	0.0005	0.0005

Well #615										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	11	11	230.9091	70.77493	155	250	277.5	130	330
ph	0.01	11	11	7.495455	0.316997	7.245	7.43	7.7	7.16	8.04
ph (field)	N/A	11	11	7.086364	0.240011	7.0975	7.16	7.2125	6.39	7.23
polonium 210-dissolved (pci/l)	1	12	0	0.5	0	0.1	0.5	0.95	0.5	0.5
polonium 210-suspended (pci/l)	1	13	0	0.5	0	0.09925	0.5	1	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	12	12	9.1	0.890352	8.7	8.8	9.05	8.4	11.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	12	12	2.441667	1.540636	1.85	2	2.3	1.2	7.2
radium 226-suspended (pci/l)	0.2	13	1	0.115385	0.05547	-0.325	0.1	0.095	0.1	0.3
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	12	12	1582.5	265.7109	1455	1610	1815	1070	1890
selenium-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	12	1	0.001167	0.000577	0.001	0.001	0.001	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	13	13	6.838462	2.359215	4.325	7.8	8.75	2	9.1
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #615										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	12	12	3.491667	0.124011	3.4	3.5	3.5	3.3	3.8
sodium-dissolved (mg/l)	0.8	12	12	132.5833	4.944388	129.5	132.5	135.5	124	142
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	12	12	739	23.73337	722	740	754.5	696	776
solids-total dissolved tds @ 180 c (mg/l)	5	12	12	709.1667	24.66441	690	710	725	670	750
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	11	11	1.381818	0.060302	1.325	1.4	1.4	1.3	1.5
sulfate (mg/l)	36	13	13	393.7692	19.51561	376.25	391	404.25	369	430
tds balance (0.80 - 1.20) (dec.%)	N/A	12	12	0.959167	0.045218	0.94	0.955	0.98	0.86	1.05
thallium-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	11	1	0.118182	0.060302	0.1	0.1	0.2	0.1	0.3
thorium 230-suspended (pci/l)	0.2	12	2	0.216667	0.275791	-0.015	0.1	0.15	0.1	0.9
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	2.733333	2.175929	0.1	3.85	4.2	-0.2	4.6
uranium-dissolved (mg/l)	0.003	11	0	0.0015	2.27E-19	0.002325	0.0015	0.002575	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	13	2	0.000442	0.000854	0.0003	0.00015	0.0003	0.00015	0.0032
uranium-total (mg/l)	0.0003	12	12	0.002417	0.000134	0.0023	0.00245	0.0025	0.0022	0.0026
vanadium-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	15	15	-51.1252	0.75317	-51.755	-51.12	-50.52	-52.13	-49.69
water temperature (field, deg c)	N/A	11	11	14.79182	0.739119	14.8375	14.99	15.1525	12.7	15.4

Well #615										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	12	1	0.00625	0.00433	0.01	0.005	0.01	0.005	0.02

[illegible]

Well #619										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	1905.5	450.5926	1556	1940.5	2255	1351	2390
conductivity @ 25 c (umhos/cm)	5	4	4	2175	226.9361	2020	2225	2330	1860	2390
copper-dissolved (mg/l)	0.01	4	1	0.02375	0.0375	0.01	0.005	0.045	0.005	0.08
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	3	3	1.14	0.645523	0.6525	1.17	1.62	0.48	1.77
do meter charge	N/A	1	1	45.1	0	45.1	45.1	45.1	45.1	45.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.25	0.057735	0.2	0.25	0.3	0.2	0.3
gross alpha-dissolved (pci/l)	1	4	4	386	41.76921	354	382.5	418	341	438
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	151.5	26.71454	130.5	157	172.5	117	175
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	4	1153.75	2033.336	72.5	195	2235	25	4200
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	4	3.1475	0.999479	2.49	3.125	3.805	1.95	4.39
iron-total (mg/l)	0.03	2	2	12.45	0.777817	11.9	12.45	13	11.9	13
lead 210-dissolved (pci/l)	1	4	1	5.125	9.25	-0.05	0.5	10	0.5	19
lead 210-suspended (pci/l)	1	4	2	3.5	5.049752	1	1.25	6.5	0.5	11
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	2	0.00275	0.003571	0.001	0.00125	0.005	0.0005	0.008
lead-total (mg/l)	0.001	2	2	0.0035	0.002121	0.002	0.0035	0.005	0.002	0.005
magnesium-dissolved (mg/l)	0.5	4	4	114.1	15.48892	101.2	115.5	127	96.4	129
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	1.505	0.254624	1.33	1.565	1.68	1.15	1.74
manganese-total (mg/l)	0.01	2	2	1.735	0.120208	1.65	1.735	1.82	1.65	1.82
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00015	0.0005	0.0006	0.0005	0.0005

Well #619										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	31.6	115.2418	-53.9	25	118.75	-80.2	150
ph	0.01	4	4	7.2825	0.373039	7.03	7.14	7.535	7.03	7.82
ph (field)	N/A	4	4	7.1475	0.267255	6.98	7.045	7.315	6.96	7.54
polonium 210-dissolved (pci/l)	1	4	1	0.85	0.7	0.45	0.5	1.45	0.5	1.9
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.25	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	16.8	0.60553	16.35	16.7	17.25	16.2	17.6
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	107.425	9.653454	99.85	105	115	99.7	120
radium 226-suspended (pci/l)	0.2	4	3	5.95	5.100654	1.85	6.15	10.1	0.1	11.4
radium 226-total (pci/l)	0.2	1	1	120	0	120	120	120	120	120
radon 222-total (pci/l)	100	3	3	4780	1553.094	3637.5	5580	5722.5	2990	5770
selenium-dissolved (mg/l)	0.001	4	1	0.001625	0.00225	0.001	0.0005	0.003	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.375	1.796988	5	6.75	7.75	4	8
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #619										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	1.1	0.1	1.025	1.1	1.175	1	1.2
sodium-dissolved (mg/l)	0.8	4	4	86.6	4.797916	83.05	88.05	90.15	80	90.3
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1867.5	117.0114	1775	1885	1960	1720	1980
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	2025	95.74271	1950	2050	2100	1900	2100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	5.3	0.141421	5.2	5.3	5.4	5.2	5.4
sulfate (mg/l)	36	4	4	1290	113.4313	1205	1270	1375	1180	1440
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.075	0.051962	1.035	1.07	1.115	1.02	1.14
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.2	0.2	0	0.1	0.35	0.1	0.5
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	11.06667	15.4442	2.125	2.2	22.225	2.1	28.9
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0015	0.0015	0.0018	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	2	0.0018	0	0.0018	0.0018	0.0018	0.0018	0.0018
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	2	2	-20.96	0.042426	-20.99	-20.96	-20.93	-20.99	-20.93
water temperature (field, deg c)	N/A	3	3	11.39667	0.432474	11.0675	11.45	11.7125	10.94	11.8

Well #619										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	4	0.06	0.038297	0.03	0.05	0.09	0.03	0.11
zinc-total (mg/l)	0.01	2	2	0.13	0.070711	0.08	0.13	0.18	0.08	0.18

Well #622												
Constituent	PQL	n Analyzed	n Detected	% Detected	Mean	StDev	Q1	Median	Q3	Minimu m	Maximu m	
a/c balance (± 5) (%)	N/A	13	13	100	1.23923 1	6.14911 7	1.1675	3.01	4.105	-18.5	5.53	
alkalinity-total as caco3 (mg/l)	5	11	11	100	175.454 5	11.0667 4	178	178	181.5	146	184	
aluminum-dissolved (mg/l)	0.1	13	0	0	0.05	0	0.1	0.05	0.1	0.05	0.05	
aluminum-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
ammonia (mg/l)	1	13	0	0	0.5	0	0.1	0.5	0.1	0.5	0.5	
anions (meq/l)	N/A	11	11	100	14.0454 5	0.52223 3	13.9	14	14.425	13.1	15	
antimony-total (mg/l)	0.003	13	0	0	0.0015	0	0.003	0.0015	0.003	0.0015	0.0015	
arsenic-dissolved (mg/l)	0.001	12	0	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005	
arsenic-total (mg/l)	0.001	12	10	83.33333	0.00533 3	0.00711 1	0.002	0.004	0.006	0.0005	0.027	
bacteria, fecal coliform (cfu/100ml)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
barium-dissolved (mg/l)	0.1	12	0	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05	
barium-total (mg/l)	0.1	12	1	8.333333	0.0625	0.04330	0.1	0.05	0.1	0.05	0.2	
beryllium-total (mg/l)	0.001	12	1	8.333333	0.00062 5	0.00043	0.001	0.0005	0.001	0.0005	0.002	
bicarbonate as hco3 (mg/l)	5	12	12	100	214.083	12.8449	217	217	220.5	178	224	
boron-dissolved (mg/l)	0.1	12	0	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05	
boron-total (mg/l)	0.2	12	0	0	0.1	1.45E-17	0.1	0.1	0.1	0.1	0.1	
cadmium-dissolved (mg/l)	0.005	12	0	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025	
cadmium-total (mg/l)	0.005	12	0	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025	
calcium-dissolved (mg/l)	0.5	11	11	100	81.5636	24.2082	85.225	87.9	92.275	11.2	97.5	
calcium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
carbonate as co3 (mg/l)	5	13	0	0	2.5	0	5	2.5	5	2.5	2.5	
cations (meq/l)	N/A	11	11	100	14.53	1.82381 5	14.45	14.9	15.375	9.23	15.8	
chloride (mg/l)	1	13	13	100	10.2307 7	0.59914 5	10	10	10	10	12	
chromium-dissolved (mg/l)	0.05	11	0	0	0.025	3.64E-18	0.05	0.025	0.05	0.025	0.025	
chromium-hexavalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
chromium-total (mg/l)	0.05	13	0	0	0.025	0	0.05	0.025	0.05	0.025	0.025	

Well #622											
Constituent	PQL	n Analyzed	n Detected	% Detected	Mean	StDev	Q1	Median	Q3	Minimu m	Maximu m
chromium-trivalent (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
conductivity (field, umhos/cm)	N/A	10	10	100	1315.2	111.737 6	1252	1359.5	1390	1042	1400
conductivity @ 25 c (umhos/cm)	5	11	11	100	1296.36 4	90.1413	1222.5	1270	1375	1180	1460
copper-dissolved (mg/l)	0.01	13	0	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	0	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	5	5	100	0.136	0.04393 2	0.1075	0.12	0.1575	0.1	0.21
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	13	13	100	0.44615 4	0.09674 2	0.4	0.4	0.5	0.3	0.6
gross alpha-dissolved (pci/l)	1	11	11	100	158.954 5	434.943 9	23.875	31.2	35.45	6.8	1470
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	13	13	100	66.0923 1	183.904 7	11.425	16.1	19.775	9.2	678
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	4	33.33333	114.166 7	256.176 7	20	10	115	10	910
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	11	1	9.090909	0.02181 8	0.02261 3	0.03	0.015	0.03	0.015	0.09
iron-total (mg/l)	0.03	13	13	100	3.88923 1	3.72278 7	0.99	1.4	5.7125	0.91	11
lead 210-dissolved (pci/l)	1	11	4	36.36364	1.18181 8	1.05244 3	-2	0.5	2.175	0.5	3.2
lead 210-suspended (pci/l)	1	13	4	30.76923	1.92307 7	2.50471 4	-0.925	0.5	3.2	0.5	8.1
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	11	0	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	13	8	61.53846	0.0085	0.01071	0.001	0.004	0.0132 5	0.0005	0.03
magnesium-dissolved (mg/l)	0.5	11	11	100	29.0636	7.36169	30.05	31.4	31.95	7.1	32.7
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	13	13	100	0.17846	0.05520	0.1775	0.18	0.19	0.02	0.28

Well #622											
Constituent	PQL	n Analyzed	n Detected	% Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
manganese-total (mg/l)	0.01	11	11	100	0.192727	0.064512	0.1825	0.19	0.2275	0.02	0.27
mercury-dissolved (mg/l)	0.001	11	0	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	14	0	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
molybdenum-dissolved (mg/l)	0.1	13	0	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	11	0	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	13	0	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	11	0	0	0.025	3.64E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	11	0	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	13	0	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	11	11	100	214.5455	63.93178	200	200	247.5	110	340
ph	0.01	13	13	100	7.750769	0.229109	7.5275	7.78	7.95	7.46	8.15
ph (field)	N/A	10	10	100	7.654	0.384771	7.53	7.58	7.76	7.09	8.49
polonium 210-dissolved (pci/l)	1	13	1	7.692308	0.546154	0.16641	0.05325	0.5	0.85	0.5	1.1
polonium 210-suspended (pci/l)	1	11	3	27.27273	1.1	1.030534	0.3	0.5	2.125	0.5	2.8
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	11	11	100	10.84545	1.12549	10.3	10.5	10.75	10.2	14.1
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	11	11	100	3.4	1.704113	2.7	2.9	3.875	1.3	7.9
radium 226-suspended (pci/l)	0.2	13	6	46.15385	0.376923	0.353916	-0.2	0.1	0.725	0.1	1
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	13	12	92.30769	1086.231	471.822	819	1180	1360	50	1950
selenium-dissolved (mg/l)	0.001	11	0	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	11	0	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	13	1	7.692308	0.001308	0.001109	0.001	0.001	0.002	0.001	0.005

Well #622											
Constituent	PQL	n Analyzed	n Detected	% Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
selenium-vi-dissolved (mg/l)	0.001	13	0	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	12	12	100	5.725	2.664966	3.9	6.55	7.95	1.2	8.9
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	11	0	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
silver-total (mg/l)	0.005	13	0	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	13	13	100	4.669231	1.907173	4.1	4.1	4.25	3.9	11
sodium-dissolved (mg/l)	0.8	11	11	100	178.3636	4.945154	175.75	179	181.5	167	185
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	11	11	100	922.3636	50.61279	915	931	953.75	793	986
solids-total dissolved tds @ 180 c (mg/l)	5	13	13	100	903.8462	38.6304	890	900	925	800	950
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	11	10	90.90909	1.404545	0.473526	1.525	1.6	1.6	0.05	1.6
sulfate (mg/l)	36	13	13	100	491.7692	15.93818	479.5	492	500.25	470	528
tds balance (0.80 - 1.20) (dec.%)	N/A	11	11	100	0.976364	0.032641	0.9525	0.97	1.005	0.92	1.03
thallium-total (mg/l)	0.001	13	0	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	12	1	8.333333	0.175	0.259808	0.1	0.1	0.2	0.1	1
thorium 230-suspended (pci/l)	0.2	11	1	9.090909	0.181818	0.27136	-0.0975	0.1	0.2	0.1	1
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	100	19.83333	27.21585	4.7	5.65	30.8	1.3	70.9

Well #622											
Constituent	PQL	n Analyzed	n Detected	% Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
uranium-dissolved (mg/l)	0.003	12	9	75	0.00435 8	0.00173 2	0.0039 5	0.0052	0.0054 5	0.0015	0.0056
uranium-suspended (mg/l)	0.000 3	12	4	33.33333	0.00031 7	0.00027 6	0.0003	0.0001 5	0.0004 5	0.00015	0.0009
uranium-total (mg/l)	0.000 3	12	10	83.33333	0.00471 7	0.00221	0.005	0.0052 5	0.0059	0.00015	0.0068
vanadium-dissolved (mg/l)	0.1	12	0	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	12	12	100	-43.7642	2.86847	-44.84	-44.62	-44.32	-45	-34.73
water temperature (field, deg c)	N/A	10	10	100	13.969	0.86301 1	14.1	14.32	14.37	12.2	14.75
zinc-dissolved (mg/l)	0.01	12	0	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	12	5	41.66667	0.06291 7	0.09018 8	0.01	0.005	0.11	0.005	0.25

[illegible]

Well #628										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	1480.5	175.1961	1353.5	1453.5	1607.5	1302	1713
conductivity @ 25 c (umhos/cm)	5	4	4	1860	436.4249	1575	1720	2145	1510	2490
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	1	1	0.07	0	0.07	0.07	0.07	0.07	0.07
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.45	0.057735	0.4	0.45	0.5	0.4	0.5
gross alpha-dissolved (pci/l)	1	4	4	54.325	24.56045	34.45	51.75	74.2	29.9	83.9
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	22.875	16.45507	12.7	16.5	33.05	11.4	47.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	452.5	466.2885	140	350	770	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	1	0.03875	0.0475	0.03	0.015	0.07	0.015	0.11
iron-total (mg/l)	0.03	2	2	0.68	0.028284	0.66	0.68	0.7	0.66	0.7
lead 210-dissolved (pci/l)	1	4	1	3.875	6.75	0.55	0.5	7.5	0.5	14
lead 210-suspended (pci/l)	1	4	1	0.675	0.35	0.75	0.5	1.1	0.5	1.2
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	16.6	3.827096	14.15	17.2	19.05	11.4	20.6
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.095	0.03873	0.07	0.085	0.12	0.06	0.15
manganese-total (mg/l)	0.01	2	2	0.085	0.007071	0.08	0.085	0.09	0.08	0.09
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

Well #628										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	128.6667	45.0037	99.5	110	162.5	96	180
ph	0.01	4	4	8.24	0.367242	7.99	8.265	8.49	7.77	8.66
ph (field)	N/A	4	4	8.2475	0.296802	8.05	8.2	8.445	7.94	8.65
polonium 210-dissolved (pci/l)	1	4	2	1.25	1.037625	0.25	0.9	2	0.5	2.7
polonium 210-suspended (pci/l)	1	4	1	1.975	2.95	0.55	0.5	3.7	0.5	6.4
polonium 210-total (pci/l)	1	1	1	6.4	0	6.4	6.4	6.4	6.4	6.4
potassium-dissolved (mg/l)	0.5	4	4	8.7	0.469042	8.35	8.65	9.05	8.2	9.3
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	10.8	6.705719	6.75	8.2	14.85	6.1	20.7
radium 226-suspended (pci/l)	0.2	3	1	0.633333	0.92376	-0.175	0.1	1.325	0.1	1.7
radium 226-total (pci/l)	0.2	1	1	6.8	0	6.8	6.8	6.8	6.8	6.8
radon 222-total (pci/l)	100	3	3	4046.667	1181.581	3145	4360	4870	2740	5040
selenium-dissolved (mg/l)	0.001	4	1	0.000875	0.00075	0.001	0.0005	0.0015	0.0005	0.002
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	5.175	1.410378	4.25	4.75	6.1	4	7.2
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #628										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	8.933333	1.22202	8	9.2	9.8	7.6	10
sodium-dissolved (mg/l)	0.8	4	4	320.25	83.98164	269.5	306.5	371	233	435
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1168.25	263.0569	981.5	1110	1355	923	1530
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1250	402.8234	950	1140	1550	920	1800
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	0.9	0	0.9	0.9	0.9	0.9	0.9
sulfate (mg/l)	36	4	4	707.75	223.2418	575	643	840.5	515	1030
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.08	0.283666	0.865	1.05	1.295	0.78	1.44
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	1	0.15	0.1	0.15	0.1	0.25	0.1	0.3
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	1.8	2.687006	-0.1	1.8	3.7	-0.1	3.7
uranium-dissolved (mg/l)	0.003	4	1	0.001975	0.00095	0.0022	0.0015	0.0032	0.0015	0.0034
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	2	0.003	0.000141	0.0029	0.003	0.0031	0.0029	0.0031
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	7	7	-36.6714	0.508312	-36.7925	-36.6	-36.3525	-37.69	-36.11
water temperature (field, deg c)	N/A	3	3	14.88667	1.361225	13.88	15.56	15.725	13.32	15.78

Well #628										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

[illegible]

Well #631										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	2076.5	405.2625	1852.5	2256.5	2300.5	1471	2322
conductivity @ 25 c (umhos/cm)	5	4	4	2325	178.9786	2175	2300	2475	2170	2530
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	2.2325	3.323536	0.085	0.895	4.38	0.05	7.09
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.325	0.125831	0.25	0.3	0.4	0.2	0.5
gross alpha-dissolved (pci/l)	1	4	4	80.05	54.95371	48.75	55.85	111.35	46.5	162
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	32.15	13.75415	23.55	27.8	40.75	20.9	52.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	4	765	778.1388	320	515	1210	130	1900
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	3	0.45375	0.346058	0.21	0.48	0.705	0.015	0.84
iron-total (mg/l)	0.03	2	2	1.02	0.056569	0.98	1.02	1.06	0.98	1.06
lead 210-dissolved (pci/l)	1	4	1	1.9	2.8	0.75	0.5	3.55	0.5	6.1
lead 210-suspended (pci/l)	1	4	1	2.25	3.5	-0.2	0.5	4.25	0.5	7.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	1	0.012875	0.02475	0.001	0.0005	0.0255	0.0005	0.05
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	91.2	12.90865	82.75	86.1	99.65	82.6	110
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.3	0.021602	0.285	0.295	0.315	0.28	0.33
manganese-total (mg/l)	0.01	2	2	0.3	0.028284	0.28	0.3	0.32	0.28	0.32
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.0006	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.00055	0.0005	0.001	0.0005	0.0005

Well #631										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.01	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	136.6667	120.9683	45	180	217.5	0	230
ph	0.01	4	4	7.5325	0.222017	7.385	7.57	7.68	7.23	7.76
ph (field)	N/A	3	3	7.38	0.277308	7.215	7.23	7.5825	7.21	7.7
polonium 210-dissolved (pci/l)	1	4	1	1.25	1.5	0.6	0.5	2.25	0.5	3.5
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.55	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	15.9	0.282843	15.7	15.8	16.1	15.7	16.3
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	15.975	5.791589	11.2	16.15	20.75	9.5	22.1
radium 226-suspended (pci/l)	0.2	3	2	1.1	1.113553	0	0.9	1.95	0.1	2.3
radium 226-total (pci/l)	0.2	1	1	15.2	0	15.2	15.2	15.2	15.2	15.2
radon 222-total (pci/l)	100	3	3	4190	256.3201	3995	4220	4377.5	3920	4430
selenium-dissolved (mg/l)	0.001	4	2	0.002	0.002121	0.001	0.00125	0.0035	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.002	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.35	1.936492	5.2	7.05	7.5	3.5	7.8
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	1	0.004375	0.00375	0.005	0.0025	0.0075	0.0025	0.01

Well #631										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	1.13	0.121244	1.0425	1.2	1.2	0.99	1.2
sodium-dissolved (mg/l)	0.8	4	4	92.35	12.21324	84.75	92.65	99.95	77.1	107
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1845	120.6924	1760	1855	1930	1690	1980
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1975	50	1950	2000	2000	1900	2000
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	6.2	0.848528	5.6	6.2	6.8	5.6	6.8
sulfate (mg/l)	36	4	4	1240	14.14214	1230	1245	1250	1220	1250
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0675	0.040311	1.035	1.07	1.1	1.02	1.11
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.15	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	1	0.225	0.25	0.1	0.1	0.4	0.1	0.6
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.003	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	0.233333	0.321455	0.025	0.1	0.475	0	0.6
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.00265	0.0015	0.0028	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	3	3	0.0028	0.0002	0.00265	0.0028	0.00295	0.0026	0.003
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	6	6	-30.785	1.394285	-32.06	-29.965	-29.85	-33.02	-29.85
water temperature (field, deg c)	N/A	3	3	11.55	0.265141	11.3525	11.54	11.75	11.29	11.82

Well #631

Constituent	PQL	ⁿ Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

[illegible]

Well #635										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	2622.5	495.037	2295.5	2807.5	2949.5	1904	2971
conductivity @ 25 c (umhos/cm)	5	4	4	2870	63.24555	2820	2860	2920	2810	2950
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	1.995	1.929084	0.54	1.535	3.45	0.32	4.59
do meter charge	N/A	2	2	31.35	2.192031	29.8	31.35	32.9	29.8	32.9
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.35	0.057735	0.3	0.35	0.4	0.3	0.4
gross alpha-dissolved (pci/l)	1	4	4	8.725	6.174882	3.45	8.8	14	2.5	14.8
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	3	5.4	3.765634	-1.85	5.3	8.15	1	10
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	515.25	537.9129	45.5	525.5	980	10	1000
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	1.095	0.021213	1.08	1.095	1.11	1.08	1.11
lead 210-dissolved (pci/l)	1	4	1	0.8	0.6	0.5	0.5	1.35	0.5	1.7
lead 210-suspended (pci/l)	1	4	1	1.65	2.3	-4.3	0.5	3.05	0.5	5.1
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	1	0.001125	0.00125	0.001	0.0005	0.002	0.0005	0.003
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	49.925	4.303777	46.65	50.65	53.2	44.3	54.1
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.0625	0.005	0.06	0.06	0.065	0.06	0.07
manganese-total (mg/l)	0.01	2	2	0.055	0.007071	0.05	0.055	0.06	0.05	0.06
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #635										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.075	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.075	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	193.1333	71.21414	142.05	180	247.5	129.4	270
ph	0.01	4	4	7.8675	0.248914	7.68	7.815	8.055	7.64	8.2
ph (field)	N/A	4	4	7.8325	0.144309	7.73	7.875	7.935	7.63	7.95
polonium 210-dissolved (pci/l)	1	4	2	1	0.663325	1	0.8	1.5	0.5	1.9
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.5	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	7.9	0.454606	7.55	8	8.25	7.3	8.3
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	3	1.233333	0.404145	0.925	1.3	1.525	0.8	1.6
radium 226-suspended (pci/l)	0.2	4	3	0.45	0.310913	0.25	0.45	0.7	0.1	0.8
radium 226-total (pci/l)	0.2	1	1	2.4	0	2.4	2.4	2.4	2.4	2.4
radon 222-total (pci/l)	100	3	3	926	133.6263	830	902	1028	806	1070
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	8.125	2.229163	6.75	8.8	9.5	4.9	10
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #635										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	9.633333	0.351188	9.375	9.6	9.9	9.3	10
sodium-dissolved (mg/l)	0.8	4	4	502.5	34.27827	475	497.5	530	470	545
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	2177.5	117.2959	2080	2195	2275	2040	2280
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	2250	57.73503	2200	2250	2300	2200	2300
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	4.4	0.282843	4.2	4.4	4.6	4.2	4.6
sulfate (mg/l)	36	4	4	1442.5	56.19905	1400	1450	1485	1370	1500
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.045	0.050662	1.005	1.055	1.085	0.98	1.09
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.15	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	1	0.7	0.475	1	1.525	0.3	1.7
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.00185	0.0015	0.00205	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	3	3	0.001933	0.000208	0.001775	0.002	0.002075	0.0017	0.0021
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	11.24	2.387027	9.65	10.37	13.0475	9.41	13.94

Well #635										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	1	0.00875	0.0075	0.01	0.005	0.015	0.005	0.02
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

[illegible]

Well #650										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	1656.25	215.5758	1502.5	1611	1810	1452	1951
conductivity @ 25 c (umhos/cm)	5	4	4	1817.5	310.309	1620	1735	2015	1540	2260
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	1	0.0425	0.053033	0.01	0.0425	0.08	0.005	0.08
dissolved oxygen (field, mg/l)	N/A	2	2	1.885	0.756604	1.35	1.885	2.42	1.35	2.42
do meter charge	N/A	2	2	42.55	6.434672	38	42.55	47.1	38	47.1
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
gross alpha-dissolved (pci/l)	1	4	4	5.925	5.012235	2.5	4.25	9.35	2.1	13.1
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	16.075	5.166801	11.65	16.3	20.5	10.8	20.9
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	2	830	1047.95	10	555	1650	10	2200
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	4	3.51	6.46621	0.08	0.39	6.94	0.06	13.2
iron-total (mg/l)	0.03	2	2	8.29	0.989949	7.59	8.29	8.99	7.59	8.99
lead 210-dissolved (pci/l)	1	4	3	6.85	11.44217	1.2	1.45	12.75	0.5	24
lead 210-suspended (pci/l)	1	4	2	4.8	5.500909	1	3.35	9.1	0.5	12
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.026	0.033941	0.002	0.026	0.05	0.002	0.05
magnesium-dissolved (mg/l)	0.5	4	4	79.525	16.61112	66.45	77.9	92.6	62.3	100
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	1.3	0.855219	0.685	1.165	1.915	0.43	2.44
manganese-total (mg/l)	0.01	2	2	0.61	0.070711	0.56	0.61	0.66	0.56	0.66
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	4	0	0.0005	0	0.0001	0.0005	0.0006	0.0005	0.0005

Well #650										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	170	43.58899	137.5	190	197.5	120	200
ph	0.01	4	4	7.24	0.152315	7.13	7.26	7.35	7.04	7.4
ph (field)	N/A	4	4	7.5375	0.230561	7.345	7.53	7.73	7.3	7.79
polonium 210-dissolved (pci/l)	1	4	0	0.5	0	0.1	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	4	1	0.675	0.35	0.6	0.5	1.1	0.5	1.2
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	16.45	1.690168	15.05	16.6	17.85	14.5	18.1
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	1.925	0.736546	1.3	1.9	2.55	1.2	2.7
radium 226-suspended (pci/l)	0.2	4	2	0.375	0.320156	0.09	0.35	0.65	0.1	0.7
radium 226-total (pci/l)	0.2	1	1	3.2	0	3.2	3.2	3.2	3.2	3.2
radon 222-total (pci/l)	100	3	3	196.6667	60.17752	151	202	241	134	254
selenium-dissolved (mg/l)	0.001	4	2	0.002	0.002121	0.001	0.00125	0.0035	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	3	1.2375	1.040332	0.7	1	1.9	0.25	2.7
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #650										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	2.1	0.2	1.95	2.1	2.25	1.9	2.3
sodium-dissolved (mg/l)	0.8	4	4	122.25	12.14839	114.5	120	130	110	139
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1380	250.7323	1165	1375	1595	1140	1630
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1575	309.5696	1350	1500	1800	1300	2000
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	2.35	0.353553	2.1	2.35	2.6	2.1	2.6
sulfate (mg/l)	36	4	4	986.5	239.3721	813	912.5	1160	801	1320
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.115	0.08226	1.06	1.12	1.17	1.01	1.21
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.175	0.15	0.1	0.1	0.3	0.1	0.4
thorium 230-suspended (pci/l)	0.2	4	1	0.275	0.35	0.2	0.1	0.5	0.1	0.8
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	29.3	11.45295	20.75	29	37.925	18	40.9
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.0003	0.0015	0.0011	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	2	0.00125	0.001488	0.0003	0.000775	0.00235	0.00015	0.0033
uranium-total (mg/l)	0.0003	2	1	0.000275	0.000177	0.0003	0.000275	0.0004	0.00015	0.0004
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	5	5	-139.47	0.197358	-139.64	-139.49	-139.27	-139.7	-139.27
water temperature (field, deg c)	N/A	4	4	12.0075	0.429525	11.745	11.845	12.27	11.7	12.64

Well #650										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	1	0.00875	0.0075	0.01	0.005	0.015	0.005	0.02
zinc-total (mg/l)	0.01	2	2	0.045	0.035355	0.02	0.045	0.07	0.02	0.07

Well #675

[illegible]

Well #675

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	6157	508.2972	5842.5	6157.5	6471.5	5534	6779
conductivity @ 25 c (umhos/cm)	5	3	3	6086.667	255.0163	5895	6090	6277.5	5830	6340
copper-dissolved (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	0.82	0.127279	0.73	0.82	0.91	0.73	0.91
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	3	0.3875	0.239357	0.25	0.45	0.55	0.05	0.6
gross alpha-dissolved (pci/l)	1	4	4	30.4	17.29374	18.55	24.05	42.25	18.3	55.2
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	5	3	10.76	10.83342	1.4	8	20.2	1	25.3
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	1	282.5	545	10	10	560	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	3	3	0.11	0.052915	0.07	0.13	0.145	0.05	0.15
iron-total (mg/l)	0.03	3	3	4.543333	0.921973	3.8675	5.03	5.0975	3.48	5.12
lead 210-dissolved (pci/l)	1	4	1	1.875	2.75	0.5	0.5	3.5	0.5	6
lead 210-suspended (pci/l)	1	4	1	3.875	6.75	-9.1	0.5	7.5	0.5	14
lead 210-total (pci/l)	1	1	1	14	0	14	14	14	14	14
lead-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	3	3	359	18.68154	344.75	362	372.5	339	376
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	5	5	3.02	0.272855	2.8325	3.02	3.2025	2.66	3.39
manganese-total (mg/l)	0.01	2	2	3.21	0.268701	3.02	3.21	3.4	3.02	3.4
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #675										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	1	0	0.05	0	0.01	0.05	0.01	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	1	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.085	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	2	2	200	28.28427	180	200	220	180	220
ph	0.01	5	5	7.436	0.225566	7.28	7.32	7.595	7.25	7.79
ph (field)	N/A	4	4	7.115	0.072342	7.055	7.125	7.175	7.03	7.18
polonium 210-dissolved (pci/l)	1	4	1	0.9	0.8	0.8	0.5	1.55	0.5	2.1
polonium 210-suspended (pci/l)	1	5	1	0.8	0.67082	0.2	0.5	1.25	0.5	2
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	24.85	2.587792	23.1	24.85	26.6	21.7	28
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	1	0.233333	0.23094	0.2	0.1	0.425	0.1	0.5
radium 226-suspended (pci/l)	0.2	4	3	1.2	0.986577	0.45	1.2	2	0.1	2.3
radium 226-total (pci/l)	0.2	1	1	2.3	0	2.3	2.3	2.3	2.3	2.3
radon 222-total (pci/l)	100	4	4	853.75	126.0645	747.5	871.5	960	712	960
selenium-dissolved (mg/l)	0.001	4	1	0.001125	0.00125	0.001	0.0005	0.002	0.0005	0.003
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	1	0.0025	0.002121	0.002	0.0025	0.004	0.001	0.004
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	5	5	12	4.284274	7.375	14.4	15.175	7.3	16
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	5	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #675

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	6.366667	0.152753	6.25	6.4	6.475	6.2	6.5
sodium-dissolved (mg/l)	0.8	4	4	730.25	77.56879	671.5	741	789	630	809
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	3	3	5220	52.91503	5185	5200	5260	5180	5280
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	5950	191.4854	5800	6000	6100	5700	6100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	1	1	8.3	0	8.3	8.3	8.3	8.3	8.3
sulfate (mg/l)	36	3	3	3426.667	170.098	3300	3420	3555	3260	3600
tds balance (0.80 - 1.20) (dec.%)	N/A	5	5	1.05	0.15346	0.9325	1.11	1.1725	0.82	1.18
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	3	0	0.1	1.7E-17	0.2	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	3	1	0.5	0.69282	0.2	0.1	1.025	0.1	1.3
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	20.85	25.38513	2.9	20.85	38.8	2.9	38.8
uranium-dissolved (mg/l)	0.003	5	5	0.04088	0.00792	0.035575	0.0387	0.0487	0.0307	0.0493
uranium-suspended (mg/l)	0.0003	5	3	0.00102	0.001202	0.0003	0.0005	0.001725	0.00015	0.003
uranium-total (mg/l)	0.0003	1	1	0.0387	0	0.0387	0.0387	0.0387	0.0387	0.0387
vanadium-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	9	9	-10.7172	0.379515	-11.0025	-10.82	-10.4075	-11.18	-10.045
water temperature (field, deg c)	N/A	3	3	12.03333	3.483537	9.375	12.63	14.5425	8.29	15.18

Well #675

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	2	0.0125	0.00866	0.01	0.0125	0.02	0.005	0.02
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

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Well #676

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	2961.25	214.9285	2826	2931	3096.5	2732	3251
conductivity @ 25 c (umhos/cm)	5	4	4	2962.5	113.2475	2870	2945	3055	2860	3100
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	1	0.0625	0.081317	0.01	0.0625	0.12	0.005	0.12
dissolved oxygen (field, mg/l)	N/A	2	2	7.915	0.459619	7.59	7.915	8.24	7.59	8.24
do meter charge	N/A	1	1	41	0	41	41	41	41	41
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.275	0.095743	0.2	0.25	0.35	0.2	0.4
gross alpha-dissolved (pci/l)	1	4	4	54.025	28.87922	34.5	44.35	73.55	31.9	95.5
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	16	6.802451	10.15	16.35	21.85	9.2	22.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	2	530	601.8305	10	505	1050	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	33.285	46.266	0.57	33.285	66	0.57	66
lead 210-dissolved (pci/l)	1	4	1	1.4	1.8	0.05	0.5	2.55	0.5	4.1
lead 210-suspended (pci/l)	1	4	1	1.325	1.65	-2.85	0.5	2.4	0.5	3.8
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	1	0.03025	0.042073	0.001	0.03025	0.06	0.0005	0.06
magnesium-dissolved (mg/l)	0.5	4	4	115	10.36018	108.5	113.5	121.5	104	129
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	2	0.0125	0.00866	0.01	0.0125	0.02	0.005	0.02
manganese-total (mg/l)	0.01	2	2	1.275	1.760696	0.03	1.275	2.52	0.03	2.52
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #676

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	1	0.0625	0.053033	0.05	0.0625	0.1	0.025	0.1
nitrogen, nitrate as n (mg/l)	0.1	4	4	0.865	0.157797	0.73	0.88	1	0.7	1
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.075	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	253.3333	25.16611	235	250	272.5	230	280
ph	0.01	4	4	7.24	0.149443	7.15	7.185	7.33	7.13	7.46
ph (field)	N/A	4	4	6.98	0.060553	6.93	6.985	7.03	6.91	7.04
polonium 210-dissolved (pci/l)	1	4	3	1.425	1.030776	1.05	1.15	2.05	0.5	2.9
polonium 210-suspended (pci/l)	1	4	1	0.925	0.85	0.55	0.5	1.6	0.5	2.2
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	11.875	0.7932	11.25	11.95	12.5	10.9	12.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	0	0.1	1.7E-17	0.2	0.1	0.2	0.1	0.1
radium 226-suspended (pci/l)	0.2	3	1	3.866667	6.524058	0.2	0.1	8.6	0.1	11.4
radium 226-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
radon 222-total (pci/l)	100	3	3	631.3333	158.2477	511.25	686	737.75	453	755
selenium-dissolved (mg/l)	0.001	4	4	0.013	0.003367	0.0105	0.013	0.0155	0.009	0.017
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	2	0.0125	0.000707	0.012	0.0125	0.013	0.012	0.013
selenium-vi-dissolved (mg/l)	0.001	3	3	0.011667	0.002517	0.00975	0.012	0.0135	0.009	0.014
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	12.2	3.879003	10.05	14	14.35	6.4	14.4
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #676

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	0.936667	0.020817	0.9225	0.93	0.9525	0.92	0.96
sodium-dissolved (mg/l)	0.8	4	4	88.75	6.219057	84.4	90.5	93.1	80	94
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	2570	128.3225	2480	2575	2660	2410	2720
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	2750	238.0476	2550	2750	2950	2500	3000
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	8.9	0.424264	8.6	8.9	9.2	8.6	9.2
sulfate (mg/l)	36	4	4	1735	51.96152	1695	1740	1775	1670	1790
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0725	0.134009	0.965	1.05	1.18	0.95	1.24
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	1	1.125	2.05	0.1	0.1	2.2	0.1	4.2
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	510.6	692.1161	21.2	510.6	1000	21.2	1000
uranium-dissolved (mg/l)	0.003	4	4	0.054625	0.003842	0.0521	0.05525	0.05715	0.0494	0.0586
uranium-suspended (mg/l)	0.0003	4	3	0.020263	0.033562	0.0007	0.00535	0.0399	0.00015	0.0702
uranium-total (mg/l)	0.0003	2	2	0.0639	0.006788	0.0591	0.0639	0.0687	0.0591	0.0687
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	10	10	-20.423	0.154276	-20.53	-20.42	-20.3	-20.65	-20.14
water temperature (field, deg c)	N/A	3	3	10.77667	1.214756	10.01	10.22	11.6825	9.94	12.17

Well #676

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	1	0.01125	0.0125	0.01	0.005	0.02	0.005	0.03
zinc-total (mg/l)	0.01	2	2	0.155	0.176777	0.03	0.155	0.28	0.03	0.28

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Well #677

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	11255.5	806.5674	10719.5	11274.5	11791.5	10253	12220
conductivity @ 25 c (umhos/cm)	5	4	4	11375	590.9033	10900	11300	11850	10800	12100
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	0.775	0.318198	0.55	0.775	1	0.55	1
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	1	0.2125	0.325	0.1	0.05	0.4	0.05	0.7
gross alpha-dissolved (pci/l)	1	4	4	62.95	44.06998	39.85	42.05	86.05	38.7	129
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	0	1	0	-16	1	2	1	1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	2	530	601.8305	10	505	1050	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	0.08	0.056569	0.04	0.08	0.12	0.04	0.12
lead 210-dissolved (pci/l)	1	4	2	1.05	0.754983	0.5	0.8	1.6	0.5	2.1
lead 210-suspended (pci/l)	1	4	0	0.5	0	-0.65	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	405.75	39.17801	377.5	404.5	434	360	454
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	2.4125	0.549689	2.085	2.57	2.74	1.62	2.89
manganese-total (mg/l)	0.01	2	2	2.18	0.66468	1.71	2.18	2.65	1.71	2.65
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #677

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	2	0.1025	0.070887	0.1	0.08	0.155	0.05	0.2
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.075	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	193.3333	20.81666	177.5	200	207.5	170	210
ph	0.01	4	4	7.16	0.082865	7.11	7.135	7.21	7.09	7.28
ph (field)	N/A	4	4	6.7525	0.288603	6.6	6.89	6.905	6.32	6.91
polonium 210-dissolved (pci/l)	1	4	1	0.925	0.85	0.7	0.5	1.6	0.5	2.2
polonium 210-suspended (pci/l)	1	4	1	1	1	0.4	0.5	1.75	0.5	2.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	11.325	1.408013	10.4	11.15	12.25	9.8	13.2
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	1	0.366667	0.46188	0.2	0.1	0.725	0.1	0.9
radium 226-suspended (pci/l)	0.2	4	2	0.8	1.270171	0.2	0.2	1.5	0.1	2.7
radium 226-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
radon 222-total (pci/l)	100	3	3	983.3333	234.7282	829	892	1160.5	808	1250
selenium-dissolved (mg/l)	0.001	4	1	0.001125	0.00125	0.001	0.0005	0.002	0.0005	0.003
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	1	0.0035	0.003536	0.001	0.0035	0.006	0.001	0.006
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	8.45	2.853653	6.8	9.7	10.1	4.2	10.2
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #677

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	16.33333	0.57735	16	16	16.75	16	17
sodium-dissolved (mg/l)	0.8	4	4	1965	148.4363	1845	1955	2085	1810	2140
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	8990	438.178	8670	8950	9310	8510	9550
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	9325	386.221	9000	9350	9650	8900	9700
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	10.8	1.131371	10	10.8	11.6	10	11.6
sulfate (mg/l)	36	4	4	4425	118.1807	4350	4400	4500	4310	4590
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0375	0.061847	0.995	1.055	1.08	0.95	1.09
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	2	0.675	1.021029	0.15	0.2	1.25	0.1	2.2
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	3.75	3.323402	1.4	3.75	6.1	1.4	6.1
uranium-dissolved (mg/l)	0.003	4	4	0.037825	0.010891	0.031	0.04225	0.04465	0.0218	0.045
uranium-suspended (mg/l)	0.0003	4	2	0.00805	0.01283	0.0003	0.002525	0.01595	0.00015	0.027
uranium-total (mg/l)	0.0003	2	2	0.04425	0.004031	0.0414	0.04425	0.0471	0.0414	0.0471
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	9	9	-10.4978	0.804499	-11.275	-10.17	-9.8325	-11.51	-9.45
water temperature (field, deg c)	N/A	4	4	10.1025	2.690841	7.885	9.715	12.32	7.67	13.31

Well #677										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	2	0.0125	0.00866	0.01	0.0125	0.02	0.005	0.02
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

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Well #678

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	5936.75	422.2996	5672	5889	6201.5	5472	6497
conductivity @ 25 c (umhos/cm)	5	3	3	5930	322.3352	5727.5	5780	6170	5710	6300
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	1.535	0.190919	1.4	1.535	1.67	1.4	1.67
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	3	0.6375	0.426956	0.35	0.75	0.95	0.05	1
gross alpha-dissolved (pci/l)	1	4	4	34.575	16.61392	21.05	32.35	48.1	18.9	54.7
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	18.05	11.94892	10.45	14.4	25.65	8.1	35.3
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	3	2	736.6667	629.3118	275	1100	1100	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	3	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	1	0	0.015	0	0.03	0.015	0.03	0.015	0.015
lead 210-dissolved (pci/l)	1	5	2	1.76	1.742986	0.45	0.5	3.475	0.5	4
lead 210-suspended (pci/l)	1	4	0	0.5	0	-0.25	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	5	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	5	5	440.8	36.86733	425	434	453.5	398	500
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	5	5	2.8	0.335559	2.5925	2.79	2.965	2.39	3.31
manganese-total (mg/l)	0.01	2	2	2.61	0	2.61	2.61	2.61	2.61	2.61
mercury-dissolved (mg/l)	0.001	5	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #678

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	5	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	1	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	3	2	0.15	0.086603	0.1175	0.2	0.2	0.05	0.2
nitrogen, nitrite as n (mg/l)	0.1	5	0	0.05	0	0.0875	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	223.3333	32.1455	202.5	210	247.5	200	260
ph	0.01	4	4	7.385	0.134784	7.285	7.38	7.485	7.23	7.55
ph (field)	N/A	4	4	7.0075	0.093941	6.93	6.99	7.085	6.93	7.12
polonium 210-dissolved (pci/l)	1	4	1	0.7	0.4	1	0.5	1.15	0.5	1.3
polonium 210-suspended (pci/l)	1	4	1	0.7	0.4	0.5	0.5	1.15	0.5	1.3
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	19.15	1.30767	18.15	19.5	20.15	17.4	20.2
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	0	0.1	1.7E-17	0.2	0.1	0.2	0.1	0.1
radium 226-suspended (pci/l)	0.2	4	2	0.4	0.34641	0.2	0.4	0.7	0.1	0.7
radium 226-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
radon 222-total (pci/l)	100	3	3	498.6667	163.6592	397.75	418	619.75	391	687
selenium-dissolved (mg/l)	0.001	3	1	0.001333	0.001443	0.001	0.0005	0.0025	0.0005	0.003
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	1	1	0.003	0	0.003	0.003	0.003	0.003	0.003
selenium-vi-dissolved (mg/l)	0.001	4	1	0.000875	0.00075	0.001	0.0005	0.0015	0.0005	0.002
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	13.625	3.860376	11.4	15.15	15.85	7.9	16.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #678										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	4	4	5.05	0.129099	4.95	5.05	5.15	4.9	5.2
sodium-dissolved (mg/l)	0.8	4	4	611	34.28313	586.5	618.5	635.5	564	643
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	3	3	5320	391.5354	5032.5	5280	5617.5	4950	5730
solids-total dissolved tds @ 180 c (mg/l)	5	5	5	5900	282.8427	5850	6000	6025	5400	6100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	10.6	0.565685	10.2	10.6	11	10.2	11
sulfate (mg/l)	36	4	4	3505	226.495	3330	3530	3680	3220	3740
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.105	0.112694	1.025	1.13	1.185	0.95	1.21
thallium-total (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.15	0.1	0.2	0.1	0.25	0.1	0.3
thorium 230-suspended (pci/l)	0.2	3	0	0.1	1.7E-17	0.125	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	5	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	7.75	6.717514	3	7.75	12.5	3	12.5
uranium-dissolved (mg/l)	0.003	3	3	0.0352	0.0003	0.034975	0.0352	0.035425	0.0349	0.0355
uranium-suspended (mg/l)	0.0003	5	2	0.00089	0.001322	0.0003	0.00015	0.0014	0.00015	0.0032
uranium-total (mg/l)	0.0003	1	1	0.0387	0	0.0387	0.0387	0.0387	0.0387	0.0387
vanadium-dissolved (mg/l)	0.1	3	1	0.1	0.086603	0.1	0.05	0.175	0.05	0.2
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	10	10	-11.136	0.510908	-11.45	-11.05	-10.81	-12.1	-10.38
water temperature (field, deg c)	N/A	4	4	10.7925	2.137637	8.99	10.585	12.595	8.83	13.17

Well #678

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	3	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	1	0	0.005	0	0.01	0.005	0.01	0.005	0.005

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Well #679

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	3	3	2694.333	133.3504	2613.25	2626	2792.5	2609	2848
conductivity @ 25 c (umhos/cm)	5	4	4	2460	374.2548	2220	2495	2700	1970	2880
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	2	0.025	0.007071	0.02	0.025	0.03	0.02	0.03
dissolved oxygen (field, mg/l)	N/A	3	3	9.24	0.675796	8.84	8.87	9.7325	8.83	10.02
do meter charge	N/A	1	1	2580	0	2580	2580	2580	2580	2580
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.325	0.095743	0.25	0.35	0.4	0.2	0.4
gross alpha-dissolved (pci/l)	1	4	4	18.5	3.839271	15.85	19.15	21.15	13.3	22.4
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	11.25	3.759876	8.95	10.75	13.55	7.2	16.3
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	699	762.2537	43	643	1350	10	1500
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	20.65	8.131728	14.9	20.65	26.4	14.9	26.4
lead 210-dissolved (pci/l)	1	4	2	3.65	4.093491	1	2.5	6.8	0.5	9.1
lead 210-suspended (pci/l)	1	4	0	0.5	0	-4.4	0.5	1	0.5	0.5
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	2	0.0185	0.00495	0.015	0.0185	0.022	0.015	0.022
magnesium-dissolved (mg/l)	0.5	4	4	97.625	8.863549	90.75	96.25	104.5	89	109
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.0625	0.051881	0.035	0.04	0.09	0.03	0.14
manganese-total (mg/l)	0.01	2	2	0.46	0.155563	0.35	0.46	0.57	0.35	0.57
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	3	0	0.0005	0	0.000125	0.0005	0.0008	0.0005	0.0005

Well #679										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.02	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	4	1.225	0.095743	1.15	1.25	1.3	1.1	1.3
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	223.3333	20.81666	207.5	230	237.5	200	240
ph	0.01	4	4	7.59	0.207043	7.435	7.595	7.745	7.34	7.83
ph (field)	N/A	4	4	7.435	0.086987	7.36	7.43	7.51	7.36	7.52
polonium 210-dissolved (pci/l)	1	4	2	1.1	0.848528	0.45	0.8	1.7	0.5	2.3
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.35	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	11.7	0.60553	11.25	11.6	12.15	11.1	12.5
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	2	1.2	1.708801	0.2	0.5	2.3	0.1	3.7
radium 226-suspended (pci/l)	0.2	3	2	3.866667	4.604708	0.775	2.5	7.375	0.1	9
radium 226-total (pci/l)	0.2	1	1	2.5	0	2.5	2.5	2.5	2.5	2.5
radon 222-total (pci/l)	100	3	3	1413	690.092	926.75	1250	1940	819	2170
selenium-dissolved (mg/l)	0.001	4	4	0.01275	0.0025	0.011	0.0125	0.0145	0.01	0.016
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	2	0.0135	0.000707	0.013	0.0135	0.014	0.013	0.014
selenium-vi-dissolved (mg/l)	0.001	3	3	0.011333	0.001155	0.0105	0.012	0.012	0.01	0.012
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	10.425	3.13515	8.2	11.5	12.65	6	12.7
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #679

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	0.856667	0.015275	0.845	0.86	0.8675	0.84	0.87
sodium-dissolved (mg/l)	0.8	4	4	76.875	3.903311	73.95	76.25	79.8	73	82
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	2197.5	78.89867	2135	2195	2260	2110	2290
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	2525	50	2500	2500	2550	2500	2600
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	7.55	0.353553	7.3	7.55	7.8	7.3	7.8
sulfate (mg/l)	36	4	4	1485	71.87953	1430	1470	1540	1420	1580
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.1525	0.045	1.12	1.165	1.185	1.09	1.19
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	4	1	0.778888	0.35	0.9	1.65	0.3	1.9
thorium 230-total (pci/l)	0.2	1	1	1.9	0	1.9	1.9	1.9	1.9	1.9
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	2	2	798.5	415.0717	505	798.5	1092	505	1092
uranium-dissolved (mg/l)	0.003	4	4	0.0138	0.001892	0.01255	0.01415	0.01505	0.0112	0.0157
uranium-suspended (mg/l)	0.0003	4	4	0.003425	0.005055	0.00075	0.001	0.0061	0.0007	0.011
uranium-total (mg/l)	0.0003	2	2	0.0159	0.000707	0.0154	0.0159	0.0164	0.0154	0.0164
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	10	10	-33.874	0.118809	-33.93	-33.875	-33.85	-34.03	-33.6
water temperature (field, deg c)	N/A	4	4	11.085	0.534821	10.625	11.055	11.545	10.61	11.62

Well #679

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	2	0.075	0.021213	0.06	0.075	0.09	0.06	0.09

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Well #680

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	10	10	2532.3	161.7632	2456	2570	2687	2196	2707
conductivity @ 25 c (umhos/cm)	5	13	13	2636.154	190.8114	2505	2560	2717.5	2470	3060
copper-dissolved (mg/l)	0.01	15	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	6	6	0.265	0.261132	0.07	0.225	0.27	0.04	0.76
do meter charge	N/A	1	1	33.4	0	33.4	33.4	33.4	33.4	33.4
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	15	15	0.346667	0.10601	0.3	0.3	0.4	0.2	0.5
gross alpha-dissolved (pci/l)	1	13	13	4915.385	1011.431	4277.5	4410	5465	3700	6730
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	15	15	1671.333	465.9532	1237.5	1530	2205	1090	2320
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	14	14	3543.571	5297.546	1000	1600	4400	150	21000
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	13	11	0.159231	0.120914	0.0575	0.19	0.22	0.015	0.43
iron-total (mg/l)	0.03	14	14	0.307857	0.031666	0.29	0.305	0.34	0.24	0.35
lead 210-dissolved (pci/l)	1	13	12	19.71538	16.5346	8.575	15.7	27.875	0.5	61.8
lead 210-suspended (pci/l)	1	15	10	4.853333	5.430452	-0.125	4.1	6.5	0.5	20.3
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	13	13	123.7692	7.096406	120	123	129	111	134
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	15	15	0.45	0.028284	0.43	0.46	0.47	0.4	0.49
manganese-total (mg/l)	0.01	12	12	0.460833	0.02811	0.44	0.46	0.475	0.43	0.52
mercury-dissolved (mg/l)	0.001	15	0	0.0005	2.24E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	16	0	0.0005	2.24E-19	0.0001	0.0005	0.001	0.0005	0.0005

Well #680

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	15	0	0.025	3.59E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	13	13	194.6154	84.32234	137.5	230	262.5	0	290
ph	0.01	15	15	7.336667	0.225758	7.1775	7.26	7.5	7.08	7.86
ph (field)	N/A	12	12	6.899167	0.208913	6.83	6.935	7.03	6.31	7.1
polonium 210-dissolved (pci/l)	1	13	4	0.861538	0.576684	0.475	0.5	1.5	0.5	2
polonium 210-suspended (pci/l)	1	15	7	1.56	2.202207	0.7	0.5	1.625	0.5	9.1
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	13	13	19.36154	0.494197	19.175	19.3	19.5	18.7	20.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	15	15	1300.667	110.871	1230	1280	1417.5	1110	1440
radium 226-suspended (pci/l)	0.2	13	13	6.407692	4.980539	1.85	5	12.8	1	13.3
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	15	15	103473.3	76520.13	70750	74300	106925	48000	359000
selenium-dissolved (mg/l)	0.001	13	3	0.001308	0.00169	0.001	0.0005	0.00125	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	14	3	0.001714	0.00149	0.001	0.001	0.001	0.001	0.005
selenium-vi-dissolved (mg/l)	0.001	15	1	0.0006	0.000387	0.001	0.0005	0.001	0.0005	0.002
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	14	14	6.992857	2.276456	4.3	8.35	8.6	3.8	9.4
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	13	1	0.003077	0.00208	0.005	0.0025	0.005	0.0025	0.01

Well #680

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	14	1	0.00375	0.004677	0.005	0.0025	0.005	0.0025	0.02
sodium adsorption ratio (sar) (meq/l)	0.1	15	15	1.566667	0.123443	1.5	1.6	1.675	1.4	1.8
sodium-dissolved (mg/l)	0.8	13	13	137.1538	9.87291	129.75	138	145	120	151
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	13	13	2192.308	63.79052	2172.5	2200	2232.5	2080	2290
solids-total dissolved tds @ 180 c (mg/l)	5	15	15	2313.333	74.32234	2300	2300	2300	2200	2500
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	12	12	7.458333	0.431611	7.2	7.25	7.85	7	8.2
sulfate (mg/l)	36	15	15	1352.667	65.84252	1315	1370	1400	1200	1430
tds balance (0.80 - 1.20) (dec.%)	N/A	13	13	1.046154	0.053157	1.0375	1.05	1.0925	0.91	1.11
thallium-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	13	1	0.115385	0.05547	0.1	0.1	0.2	0.1	0.3
thorium 230-suspended (pci/l)	0.2	14	4	0.178571	0.13688	0.03	0.1	0.3	0.1	0.5
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	14	0	0.0025	4.5E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	8	8	1.9125	2.094508	0.4	0.7	4.25	-0.1	4.7
uranium-dissolved (mg/l)	0.003	14	14	0.034421	0.040873	0.0188	0.0202	0.026	0.0176	0.172
uranium-suspended (mg/l)	0.0003	14	4	0.000286	0.000256	0.0003	0.00015	0.0004	0.00015	0.0009
uranium-total (mg/l)	0.0003	13	13	0.024338	0.009618	0.019725	0.0209	0.025125	0.0174	0.0541
vanadium-dissolved (mg/l)	0.1	14	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	14	14	-40.0421	0.827296	-40.8	-39.965	-39.27	-41.12	-38.95
water temperature (field, deg c)	N/A	12	12	12.72417	0.410553	12.5	12.79	13.065	11.8	13.2

Well #680										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	14	1	0.006071	0.004009	0.01	0.005	0.01	0.005	0.02
zinc-total (mg/l)	0.01	13	3	0.008462	0.006578	0.01	0.005	0.0125	0.005	0.02

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Well #681

Constituent	PQL	ⁿ Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	14	14	1320	86.38465	1271	1356	1380	1160	1410
conductivity @ 25 c (umhos/cm)	5	15	15	1323.333	110.4967	1277.5	1320	1387.5	1020	1500
copper-dissolved (mg/l)	0.01	15	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	14	0	0.005	9E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	6	6	0.24	0.186976	0.09	0.205	0.3	0.07	0.57
do meter charge	N/A	2	2	37.4	0.848528	36.8	37.4	38	36.8	38
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	15	15	0.473333	0.079881	0.4	0.5	0.5	0.4	0.6
gross alpha-dissolved (pci/l)	1	15	15	1502.4	435.4021	1212.5	1430	1777.5	656	2220
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	15	15	437.3333	141.6856	334.75	412	568.75	226	675
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	15	15	4994	6327.469	540	2300	6450	190	22000
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	15	0	0.015	7.18E-18	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	14	12	0.050714	0.020834	0.04	0.055	0.06	0.015	0.09
lead 210-dissolved (pci/l)	1	15	14	29.7	13.87938	23.525	30	39.925	0.5	49.9
lead 210-suspended (pci/l)	1	15	14	11.86	8.868951	4	10.8	19.65	0.5	25.9
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	15	1	0.000733	0.000904	0.001	0.0005	0.001	0.0005	0.004
lead-total (mg/l)	0.001	14	2	0.001786	0.003545	0.001	0.0005	0.001	0.0005	0.013
magnesium-dissolved (mg/l)	0.5	15	15	24.14	1.251171	23.9	24.4	24.925	20.9	25.8
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	15	15	0.085333	0.009155	0.08	0.09	0.09	0.07	0.1
manganese-total (mg/l)	0.01	14	14	0.084286	0.007559	0.08	0.08	0.09	0.07	0.1
mercury-dissolved (mg/l)	0.001	15	0	0.0005	2.24E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	17	1	0.001059	0.002304	0.0002	0.0005	0.001	0.0005	0.01

Well #681

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	14	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	15	0	0.025	3.59E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	14	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	15	15	198.6667	75.86329	152.5	210	262.5	0	290
ph	0.01	15	15	7.941333	0.120586	7.8425	7.91	8.0175	7.8	8.16
ph (field)	N/A	14	14	7.685	0.157907	7.69	7.71	7.76	7.26	7.9
polonium 210-dissolved (pci/l)	1	15	10	2.32	1.66313	0.725	2.6	3.65	0.5	5.1
polonium 210-suspended (pci/l)	1	15	11	2.013333	2.143384	1.05	1.5	2.275	0.5	9.2
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	15	15	10.00667	1.06802	9.6	9.7	10	9.2	13.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	15	15	379.8	53.78688	356.25	398	420.25	258	445
radium 226-suspended (pci/l)	0.2	15	13	1.766667	2.391851	0.725	1.3	1.575	0.1	9.9
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	15	15	278029.7	141127.8	246250	304000	377750	246	462000
selenium-dissolved (mg/l)	0.001	15	3	0.0014	0.001863	0.001	0.0005	0.001	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	15	0	0.0005	2.24E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	14	0	0.001	4.5E-19	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	15	0	0.0005	2.24E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	15	15	6.373333	2.357501	4.075	7.2	8.4	1.9	9.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	15	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #681										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	14	0	0.0025	4.5E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	15	15	5.733333	0.24103	5.525	5.7	5.9	5.4	6.2
sodium-dissolved (mg/l)	0.8	15	15	210.9333	8.875863	205.5	213	217.5	192	222
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	15	15	919.7333	25.30518	901.5	910	941.25	883	969
solids-total dissolved tds @ 180 c (mg/l)	5	15	15	908	19.71222	892.5	900	920	880	940
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	14	14	1.192857	0.073005	1.1	1.2	1.2	1.1	1.3
sulfate (mg/l)	36	15	15	483.4	42.03196	459	478	490.5	449	619
tds balance (0.80 - 1.20) (dec.%)	N/A	15	15	0.988667	0.037582	0.9625	0.99	1.01	0.92	1.05
thallium-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	15	1	0.113333	0.05164	0.1	0.1	0.2	0.1	0.3
thorium 230-suspended (pci/l)	0.2	15	1	0.14	0.154919	0.1	0.1	0.2	0.1	0.7
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	15	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	8	8	1.875	2.160522	0.15	0.75	4.2	-0.1	4.9
uranium-dissolved (mg/l)	0.003	15	15	0.009513	0.000802	0.009225	0.0095	0.009775	0.0081	0.0117
uranium-suspended (mg/l)	0.0003	15	2	0.000257	0.000282	0.0003	0.00015	0.0003	0.00015	0.001
uranium-total (mg/l)	0.0003	14	14	0.009157	0.001819	0.0086	0.00985	0.0102	0.0037	0.0108
vanadium-dissolved (mg/l)	0.1	15	0	0.05	7.18E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	11	11	15.34909	4.487296	12.995	14.3	15.57	10.38	27.68
water temperature (field, deg c)	N/A	14	14	14.5	0.934896	14.3	14.58	14.96	12.2	16.08

Well #681										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	15	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	14	1	0.011071	0.022717	0.01	0.005	0.01	0.005	0.09

[illegible]

Well #688										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	12	12	1226.083	88.6007	1185.5	1249.5	1270	1059	1394
conductivity @ 25 c (umhos/cm)	5	13	13	1200.769	92.05628	1140	1180	1260	1070	1430
copper-dissolved (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	1	1	2.12	0	2.12	2.12	2.12	2.12	2.12
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	13	13	0.515385	0.080064	0.475	0.5	0.6	0.4	0.6
gross alpha-dissolved (pci/l)	1	13	13	13.48462	9.566857	4.65	11.8	19.375	1.9	29.8
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	13	13	14.28462	3.399227	10.975	14.9	16.95	8.8	19.2
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	13	7	412.3077	461.0342	20	230	960	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	13	5	0.026154	0.015021	0.03	0.015	0.04	0.015	0.05
iron-total (mg/l)	0.03	13	13	0.208462	0.138675	0.125	0.17	0.265	0.05	0.5
lead 210-dissolved (pci/l)	1	13	3	0.846154	0.915255	-0.625	0.5	1.025	0.5	3.8
lead 210-suspended (pci/l)	1	13	3	1.092308	1.345029	-3.5	0.5	0.375	0.5	4.8
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	13	1	0.000692	0.000693	0.001	0.0005	0.001	0.0005	0.003
magnesium-dissolved (mg/l)	0.5	13	13	19.88462	2.321582	19.8	20.5	21.175	13.6	21.8
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	13	12	0.044231	0.018467	0.035	0.05	0.06	0.005	0.06
manganese-total (mg/l)	0.01	13	11	0.044615	0.022864	0.0275	0.05	0.06	0.005	0.07
mercury-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	16	0	0.0005	2.24E-19	0.0002	0.0005	0.001	0.0005	0.0005

Well #688										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	13	13	219.2308	61.97601	177.5	240	272.5	110	290
ph	0.01	13	13	8.453846	0.666403	8.0225	8.21	8.655	7.87	10.3
ph (field)	N/A	12	12	8.448333	0.496457	8.14	8.29	8.47	8.04	9.68
polonium 210-dissolved (pci/l)	1	13	1	0.607692	0.38829	0.3875	0.5	1	0.5	1.9
polonium 210-suspended (pci/l)	1	13	0	0.5	0	0.01688	0.5	1	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	13	13	13.03077	1.541852	12.1	12.3	13.225	12	16.8
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	13	13	2.376923	2.421829	0.6	1.6	2.975	0.3	7.9
radium 226-suspended (pci/l)	0.2	13	1	0.161538	0.22188	-0.3	0.1	0.125	0.1	0.9
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	13	12	402.0769	305.9026	178.5	307	553.25	50	1160
selenium-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	13	1	0.001154	0.000555	0.001	0.001	0.001	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	13	13	11.18462	19.41472	3.775	7.5	8.475	1.9	75.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #688										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	13	13	6.007692	0.623781	5.65	5.9	6.05	5.3	7.6
sodium-dissolved (mg/l)	0.8	13	13	191.8462	7.711962	187.5	193	196.25	177	203
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	13	13	826	74.14625	773.25	830	850.25	738	1030
solids-total dissolved tds @ 180 c (mg/l)	5	13	13	773.8462	43.11582	762.5	780	802.5	690	830
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	13	13	1.246154	0.087706	1.2	1.3	1.3	1.1	1.4
sulfate (mg/l)	36	13	13	425.3846	20.2589	411.5	425	438.25	390	460
tds balance (0.80 - 1.20) (dec.%)	N/A	13	13	0.939231	0.060341	0.92	0.95	0.975	0.77	1.01
thallium-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	13	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	13	2	1.361538	4.371411	0.05	0.1	0.2	0.1	15.9
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	5.233333	2.482472	3.8	5.1	6.1	2	9.3
uranium-dissolved (mg/l)	0.003	13	0	0.0015	0	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	13	3	0.001377	0.004012	0.0003	0.00015	0.000425	0.00015	0.0147
uranium-total (mg/l)	0.0003	13	1	0.000177	9.71E-05	0.0003	0.00015	0.0003	0.00015	0.0005
vanadium-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	14	14	-48.4721	38.27845	-39.08	-38.75	-38.6	-181.3	-31.89
water temperature (field, deg c)	N/A	12	12	11.9325	0.70938	11.6	12.095	12.405	10.2	12.85

Well #688										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005

Well #689										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	8	8	1082.625	61.83142	1036	1099	1126.5	978	1160
conductivity @ 25 c (umhos/cm)	5	13	13	1072.462	113.2347	1010	1080	1110	840	1270
copper-dissolved (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	5	5	0.142	0.048166	0.11	0.13	0.185	0.08	0.2
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	13	13	0.538462	0.050637	0.5	0.5	0.6	0.5	0.6
gross alpha-dissolved (pci/l)	1	13	13	39.00769	11.62665	32.775	36.4	43.2	23.9	64.3
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	13	13	14.54615	4.061735	12.15	13.3	15.875	9.2	23
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	13	7	403.5385	485.7669	20	86	960	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	13	0	0.015	5.42E-18	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	13	13	0.978462	0.63962	0.59	0.72	1.195	0.45	2.38
lead 210-dissolved (pci/l)	1	13	5	1.461538	1.752873	-1.35	0.5	1.8	0.5	6.3
lead 210-suspended (pci/l)	1	13	1	0.569231	0.249615	-2.475	0.5	0.4	0.5	1.4
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	13	3	0.002154	0.004575	0.001	0.0005	0.00125	0.0005	0.017
magnesium-dissolved (mg/l)	0.5	13	13	15.96154	1.037255	15.375	16	16.5	14	18.1
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	13	13	0.039231	0.004935	0.04	0.04	0.04	0.03	0.05
manganese-total (mg/l)	0.01	13	13	0.063077	0.014936	0.05	0.06	0.0725	0.05	0.09
mercury-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	15	0	0.0005	2.24E-19	0.0002	0.0005	0.001	0.0005	0.0005

Well #689										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	13	13	218.4615	52.89079	185	220	272.5	130	300
ph	0.01	13	13	7.93	0.199207	7.7925	7.85	8.035	7.71	8.45
ph (field)	N/A	12	12	7.688333	0.158277	7.65	7.72	7.765	7.23	7.86
polonium 210-dissolved (pci/l)	1	13	1	0.546154	0.16641	0.1	0.5	1	0.5	1.1
polonium 210-suspended (pci/l)	1	13	0	0.5	0	0.08125	0.5	0.4125	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	13	13	8.115385	0.946789	7.575	7.9	8.5	6.9	10.7
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	13	13	6.130769	1.140456	5.475	6.1	6.825	4.2	7.9
radium 226-suspended (pci/l)	0.2	13	4	0.361538	0.548541	-0.4	0.1	0.425	0.1	2
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	13	13	1900.769	473.5233	1535	1820	2437.5	1130	2580
selenium-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	13	2	0.001308	0.000751	0.001	0.001	0.002	0.001	0.003
selenium-vi-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	13	13	7.076923	2.707445	4.525	8	9.375	2	10.3
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #689										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	13	1	0.003846	0.004854	0.005	0.0025	0.005	0.0025	0.02
sodium adsorption ratio (sar) (meq/l)	0.1	13	13	5.446154	0.927915	5.575	5.7	5.8	2.4	5.9
sodium-dissolved (mg/l)	0.8	13	13	176.1538	10.01537	171	177	181	158	197
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	13	13	751.3846	28.13224	721	755	765.25	717	815
solids-total dissolved tds @ 180 c (mg/l)	5	13	13	720.7692	31.48056	700	720	735	660	780
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	13	13	0.938462	0.065044	0.9	0.9	1	0.8	1
sulfate (mg/l)	36	13	13	388.7692	21.53352	372	392	402	354	421
tds balance (0.80 - 1.20) (dec.%)	N/A	13	13	0.959231	0.039888	0.93	0.95	0.9825	0.88	1.02
thallium-total (mg/l)	0.001	13	1	0.000615	0.000416	0.001	0.0005	0.001	0.0005	0.002
thorium 230-dissolved (pci/l)	0.2	13	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	13	3	0.161538	0.119293	0.025	0.1	0.225	0.1	0.4
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	22.91667	5.155353	16.8	24.3	27.8	16.4	27.9
uranium-dissolved (mg/l)	0.003	13	11	0.003269	0.000942	0.003175	0.0034	0.00355	0.0015	0.005
uranium-suspended (mg/l)	0.0003	13	4	0.000296	0.000279	0.0003	0.00015	0.000425	0.00015	0.0011
uranium-total (mg/l)	0.0003	13	13	0.004846	0.002451	0.00335	0.004	0.006	0.003	0.0117
vanadium-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	11	11	55.25182	1.900683	53.8575	54.41	57.12	53.05	58.21
water temperature (field, deg c)	N/A	12	12	15.37667	0.868628	15.3	15.5	15.82	13.2	16.7

Well #689										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	13	2	0.012692	0.023595	0.01	0.005	0.01	0.005	0.09

Well #694										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	1413.636	76.69977	1377.5	1436	1470	1245	1490
conductivity @ 25 c (umhos/cm)	5	13	13	1370	122.6784	1320	1370	1412.5	1070	1570
copper-dissolved (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	0.185	0.13435	0.09	0.185	0.28	0.09	0.28
do meter charge	N/A	1	1	39	0	39	39	39	39	39
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	11	11	0.336364	0.06742	0.3	0.3	0.4	0.2	0.4
gross alpha-dissolved (pci/l)	1	12	12	13.40833	6.150604	8.95	11.35	16.6	7.4	25.9
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	12	12	11.41667	3.195119	9.8	11	13.75	5.9	16.8
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	4	394.1667	592.2908	20	10	925	10	1600
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	13	1	0.017692	0.009707	0.03	0.015	0.03	0.015	0.05
iron-total (mg/l)	0.03	11	11	0.162727	0.024121	0.15	0.17	0.18	0.11	0.19
lead 210-dissolved (pci/l)	1	12	3	0.758333	0.529937	-2	0.5	1.05	0.5	2.2
lead 210-suspended (pci/l)	1	12	3	1.033333	1.25505	-1.5	0.5	1.2	0.5	4.8
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	13	13	36.50769	1.514079	35.575	36.9	37.375	32.8	38.6
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	12	12	0.1475	0.017645	0.145	0.15	0.16	0.1	0.16
manganese-total (mg/l)	0.01	12	12	0.160833	0.014434	0.15	0.16	0.165	0.15	0.2
mercury-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.0008	0.0005	0.001	0.0005	0.0005

Well #694										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	11	0	0.025	3.64E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	12	12	234.1667	63.88318	185	235	275	140	360
ph	0.01	13	13	7.742308	0.152706	7.61	7.73	7.8625	7.54	7.96
ph (field)	N/A	10	10	7.561	0.229369	7.46	7.5	7.62	7.31	8.16
polonium 210-dissolved (pci/l)	1	12	1	0.608333	0.375278	0.0725	0.5	1	0.5	1.8
polonium 210-suspended (pci/l)	1	11	0	0.5	0	0.0845	0.5	0.975	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	14	14	13.4	1.279423	12.9	13.2	13.5	12.3	17.6
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	13	13	2.146154	0.852071	1.675	1.8	2.225	1.4	4.2
radium 226-suspended (pci/l)	0.2	11	2	0.2	0.272029	-0.3	0.1	-0.055	0.1	1
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	12	12	332.25	140.4617	247.5	275.5	357	215	619
selenium-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	11	1	0.001364	0.001206	0.001	0.001	0.001	0.001	0.005
selenium-vi-dissolved (mg/l)	0.001	10	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	12	11	6.379167	3.124497	4.35	7.85	9	0.25	9.5
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	14	0	0.0025	4.5E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #694										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	10	0	0.0025	4.57E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	11	11	3.854545	0.112815	3.8	3.9	3.9	3.7	4.1
sodium-dissolved (mg/l)	0.8	12	12	176.5833	7.464563	171.5	179.5	182	162	185
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	14	14	985.8571	17.91801	965	991.5	996	956	1020
solids-total dissolved tds @ 180 c (mg/l)	5	11	11	981.8182	41.18694	960	970	987.5	950	1100
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	14	14	2.757143	0.115787	2.7	2.7	2.8	2.6	3
sulfate (mg/l)	36	11	11	515.9091	16.84313	507.25	518	530.25	486	540
tds balance (0.80 - 1.20) (dec.%)	N/A	13	13	0.995385	0.025369	0.98	1	1.01	0.96	1.06
thallium-total (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	13	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	12	1	0.116667	0.057735	0.1	0.1	0.2	0.1	0.3
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	5.633333	3.865575	3.1	4.75	6.2	2.1	12.9
uranium-dissolved (mg/l)	0.003	12	0	0.0015	2.26E-19	0.0005	0.0015	0.0006	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	13	1	0.000208	0.000208	0.0003	0.00015	0.0003	0.00015	0.0009
uranium-total (mg/l)	0.0003	13	13	0.000562	5.06E-05	0.0005	0.0006	0.0006	0.0005	0.0006
vanadium-dissolved (mg/l)	0.1	11	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	11	11	47.93545	2.702064	48.44	48.48	49.015	39.9	49.59
water temperature (field, deg c)	N/A	11	11	12.96636	1.046033	12.75	13.18	13.7175	10.9	14.15

Well #694										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	13	1	0.006154	0.00416	0.01	0.005	0.01	0.005	0.02

[illegible]

Well #695										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	10	10	1392	72.52279	1370	1404.5	1450	1249	1480
conductivity @ 25 c (umhos/cm)	5	12	12	1467.5	212.7792	1350	1385	1505	1290	2060
copper-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	3	3	0.18	0.036056	0.1525	0.19	0.205	0.14	0.21
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	12	12	0.45	0.06742	0.4	0.4	0.5	0.4	0.6
gross alpha-dissolved (pci/l)	1	12	12	30.75	10.28127	23.6	28	37.75	18.7	52.2
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	12	12	11.03333	3.194977	8.25	11.3	12.85	6	16.1
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	7	487.5	511.2218	20	295	1030	10	1200
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	12	2	0.123333	0.358306	0.03	0.015	0.03	0.015	1.26
iron-total (mg/l)	0.03	12	12	1.63	5.12382	0.125	0.16	0.165	0.11	17.9
lead 210-dissolved (pci/l)	1	12	3	1.041667	1.072345	-1.4	0.5	1.2	0.5	3.4
lead 210-suspended (pci/l)	1	12	3	1.658333	2.256892	-2.05	0.5	1.95	0.5	6.6
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	12	12	26.25833	27.32283	17.8	18.45	18.95	17.6	113
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	12	12	0.143333	0.219435	0.08	0.08	0.08	0.07	0.84
manganese-total (mg/l)	0.01	12	12	0.1725	0.317322	0.08	0.08	0.085	0.07	1.18
mercury-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.0002	0.0005	0.001	0.0005	0.0005

Well #695

Constituent	PQL	ⁿ Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	12	12	187.675	105.3227	145	220	255	-97.9	290
ph	0.01	12	12	7.926667	0.339286	7.885	8.025	8.11	6.92	8.18
ph (field)	N/A	9	9	7.782222	0.236314	7.755	7.85	7.915	7.26	8
polonium 210-dissolved (pci/l)	1	12	2	0.641667	0.347611	-0.0245	0.5	1	0.5	1.6
polonium 210-suspended (pci/l)	1	12	0	0.5	0	0.083	0.5	0.5	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	12	12	9.941667	2.942003	8.6	8.7	9.65	8.4	18.6
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	12	12	5.166667	1.782916	4.25	4.75	5.1	3.7	10.4
radium 226-suspended (pci/l)	0.2	12	2	0.208333	0.260971	-0.35	0.1	0.0525	0.1	0.9
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	12	12	1667.25	485.7869	1445	1850	1985	357	2120
selenium-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	12	1	0.00125	0.000866	0.001	0.001	0.0015	0.001	0.004
selenium-vi-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	12	11	5.6875	2.930259	3.95	5.9	8.35	0.25	8.9
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #695										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	12	12	7.108333	1.631206	7.4	7.55	7.7	2	8.1
sodium-dissolved (mg/l)	0.8	12	12	241.1667	24.07123	240	248.5	253.5	171	258
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	12	12	1065.25	402.3052	934	950.5	976.5	901	2340
solids-total dissolved tds @ 180 c (mg/l)	5	12	12	1043.333	399.9621	905	915	945	870	2300
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	12	12	1.408333	1.604232	0.9	0.95	1	0.9	6.5
sulfate (mg/l)	36	12	12	579	309.9921	477	488.5	517	442	1560
tds balance (0.80 - 1.20) (dec.%)	N/A	12	12	0.9775	0.059715	0.945	0.965	0.975	0.92	1.15
thallium-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	12	0	0.1	1.45E-17	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	12	2	0.15	0.124316	0.1	0.1	0.2	0.1	0.5
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	5	5	2.12	3.040066	-0.1	-0.1	5.425	-0.1	5.5
uranium-dissolved (mg/l)	0.003	12	2	0.002	0.001311	0.00275	0.0015	0.003	0.0015	0.0059
uranium-suspended (mg/l)	0.0003	12	2	0.000267	0.000273	0.0003	0.00015	0.0003	0.00015	0.0009
uranium-total (mg/l)	0.0003	12	12	0.003342	0.00164	0.00265	0.00295	0.0031	0.0026	0.0085
vanadium-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	12	12	30.889	1.257901	29.94	31.175	31.645	28.6	33.198
water temperature (field, deg c)	N/A	10	10	12.152	1.317479	11.28	11.945	12.75	10.4	15

Well #695										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	12	1	0.00625	0.00433	0.01	0.005	0.01	0.005	0.02
zinc-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005

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Well #696

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	1430.364	61.03486	1415	1450	1467.5	1316	1500
conductivity @ 25 c (umhos/cm)	5	12	12	1388.333	136.3707	1340	1395	1430	1100	1690
copper-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	4	4	0.2425	0.055603	0.195	0.24	0.29	0.19	0.3
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	12	12	0.383333	0.071774	0.3	0.4	0.4	0.3	0.5
gross alpha-dissolved (pci/l)	1	12	12	9.475	6.600844	4.75	7	12.05	3.9	23.9
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	12	10	7.016667	3.378228	5.05	8.6	9.3	1	10.7
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	5	412.5	500.729	20	10	970	10	1100
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	12	4	0.038333	0.035119	0.03	0.015	0.075	0.015	0.1
iron-total (mg/l)	0.03	12	12	0.161667	0.163531	0.1	0.135	0.14	0.04	0.67
lead 210-dissolved (pci/l)	1	12	2	0.966667	1.090732	-3.95	0.5	0.7	0.5	3.4
lead 210-suspended (pci/l)	1	12	3	1.108333	1.492075	-0.8	0.5	1.05	0.5	5.6
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	12	12	10.50833	0.427377	10.3	10.6	10.8	9.6	11.1
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	12	12	0.061667	0.007177	0.06	0.06	0.07	0.05	0.07
manganese-total (mg/l)	0.01	12	12	0.063333	0.006513	0.06	0.06	0.07	0.05	0.07
mercury-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.0002	0.0005	0.001	0.0005	0.0005

Well #696

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	12	0	0.025	3.62E-18	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	12	12	183.25	60.92786	125	195	225	99	280
ph	0.01	12	12	8.250833	0.194537	8.11	8.225	8.32	8.03	8.71
ph (field)	N/A	10	10	8.139	0.400235	7.89	8.1	8.45	7.51	8.81
polonium 210-dissolved (pci/l)	1	12	0	0.5	0	-0.097	0.5	0.95	0.5	0.5
polonium 210-suspended (pci/l)	1	12	0	0.5	0	0.005	0.5	1	0.5	0.5
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	12	12	9.566667	1.272316	8.95	9.25	9.55	8.6	13.4
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	12	12	1.208333	0.772785	0.8	1	1.4	0.4	3.3
radium 226-suspended (pci/l)	0.2	12	1	0.141667	0.144338	-0.35	0.1	-0.1	0.1	0.6
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	12	12	276.8333	115.8666	202	231	301.5	182	517
selenium-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	12	0	0.001	2.26E-19	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	12	11	6.245833	3.225006	4.45	6.25	9.3	0.25	9.9
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #696

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	12	12	11.41667	0.514929	11	11	12	11	12
sodium-dissolved (mg/l)	0.8	12	12	283.4167	13.18028	276.5	286.5	293.5	253	297
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	12	12	956.5833	23.07875	938.5	954	975.5	921	996
solids-total dissolved tds @ 180 c (mg/l)	5	12	12	910	41.56047	910	920	930	790	950
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	12	12	0.775	0.045227	0.75	0.8	0.8	0.7	0.8
sulfate (mg/l)	36	12	12	484.9167	20.69896	472.5	479.5	500	456	526
tds balance (0.80 - 1.20) (dec.%)	N/A	12	12	0.953333	0.046969	0.94	0.965	0.98	0.82	1
thallium-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	12	0	0.1	1.45E-17	0.2	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	12	0	0.1	1.45E-17	-0.1	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	2.183333	2.459607	0	1.8	4.3	-0.1	5.3
uranium-dissolved (mg/l)	0.003	12	0	0.0015	2.26E-19	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	12	1	0.000213	0.000217	0.0003	0.00015	0.0003	0.00015	0.0009
uranium-total (mg/l)	0.0003	12	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
vanadium-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	6	6	39.175	6.734644	39.21	39.45	39.9	27.91	49.13
water temperature (field, deg c)	N/A	11	11	11.86182	1.095927	11.075	12	12.7825	9.9	13.2

Well #696

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005

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Well #697										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	1261.364	62.85423	1243.75	1280	1300	1131	1340
conductivity @ 25 c (umhos/cm)	5	11	11	1222.818	108.293	1195	1230	1272.5	951	1380
copper-dissolved (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	5	5	0.218	0.068337	0.1575	0.2	0.29	0.15	0.29
do meter charge	N/A	1	1	39	0	39	39	39	39	39
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	13	13	0.553846	0.066023	0.5	0.5	0.6	0.5	0.7
gross alpha-dissolved (pci/l)	1	11	11	9.972727	5.621048	6.15	7.7	12.5	4.1	21.7
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	13	13	7.730769	2.678739	5.625	7.3	9.2	3.6	12.5
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	11	5	511.8182	618.3821	20	10	1037.5	10	1700
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	13	9	0.032308	0.01201	0.03	0.04	0.04	0.015	0.04
iron-total (mg/l)	0.03	11	11	0.083636	0.086634	0.0425	0.06	0.0775	0.04	0.34
lead 210-dissolved (pci/l)	1	11	1	0.6	0.331662	-2	0.5	0.575	0.5	1.6
lead 210-suspended (pci/l)	1	13	4	1.284615	1.238848	-2.2	0.5	2.825	0.5	3.6
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	11	11	17.31818	0.46004	17	17.4	17.65	16.4	18
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	11	11	0.054545	0.005222	0.05	0.05	0.06	0.05	0.06
manganese-total (mg/l)	0.01	13	13	0.055385	0.005189	0.05	0.06	0.06	0.05	0.06
mercury-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.0002	0.0005	0.001	0.0005	0.0005

Well #697										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	11	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	11	0	0.025	3.64E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	11	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	11	11	216.3636	58.52738	170	210	265	140	320
ph	0.01	13	13	7.986923	0.158713	7.8825	7.98	8.09	7.73	8.25
ph (field)	N/A	11	11	7.738182	0.137537	7.725	7.76	7.8	7.44	7.97
polonium 210-dissolved (pci/l)	1	11	1	0.554545	0.180907	0.01175	0.5	1	0.5	1.1
polonium 210-suspended (pci/l)	1	13	1	0.553846	0.194145	0.00558	0.5	0.925	0.5	1.2
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	11	11	8.527273	0.293567	8.4	8.5	8.6	8.1	9.2
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	13	13	1.469231	1.286069	0.9	1.1	1.55	0.6	5.6
radium 226-suspended (pci/l)	0.2	11	2	0.481818	1.110692	-0.35	0.1	0.1625	0.1	3.8
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	13	13	330.1538	94.7979	278.25	313	378.25	200	570
selenium-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	11	1	0.001364	0.001206	0.001	0.001	0.001	0.001	0.005
selenium-vi-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	11	11	7.027273	2.242361	4.6	7.9	9.125	4	9.5
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #697										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	13	0	0.0025	4.51E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	11	11	6.463636	0.162928	6.4	6.5	6.6	6.2	6.7
sodium-dissolved (mg/l)	0.8	13	13	211.3077	7.509823	205.75	210	218.25	197	221
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	13	13	870.2308	37.98498	851	863	876.5	829	983
solids-total dissolved tds @ 180 c (mg/l)	5	11	11	830	57.79273	810	810	820	790	1000
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	13	13	1.146154	0.066023	1.1	1.1	1.2	1.1	1.3
sulfate (mg/l)	36	11	11	449.6364	38.91599	431.25	442	452	409	560
tds balance (0.80 - 1.20) (dec.%)	N/A	13	13	0.954615	0.03017	0.93	0.95	0.97	0.91	1.03
thallium-total (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	12	1	0.125	0.086603	0.15	0.1	0.2	0.1	0.4
thorium 230-suspended (pci/l)	0.2	13	1	0.115385	0.05547	-0.1	0.1	0.2	0.1	0.3
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	6	6	2.633333	2.150039	0.1	3.55	3.9	-0.2	4.9
uranium-dissolved (mg/l)	0.003	12	0	0.0015	2.26E-19	0.0003	0.0015	0.0003	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	12	3	0.000296	0.000272	0.0003	0.00015	0.00045	0.00015	0.0009
uranium-total (mg/l)	0.0003	12	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
vanadium-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	12	12	81.87408	7.946161	79.35	79.58	80.38	78.42	107.03
water temperature (field, deg c)	N/A	11	11	13.95455	0.769654	13.8025	13.9	14.3	12.4	15.5

Well #697										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	12	2	0.008333	0.008072	0.01	0.005	0.01	0.005	0.03

[illegible]

Well #698										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	11	11	2433.273	187.8463	2345.25	2475	2500	2024	2800
conductivity @ 25 c (umhos/cm)	5	11	11	2438.182	160.2385	2305	2410	2517.5	2290	2840
copper-dissolved (mg/l)	0.01	14	0	0.005	9E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	13	0	0.005	9.03E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	6	6	0.243333	0.13201	0.18	0.22	0.27	0.09	0.48
do meter charge	N/A	1	1	40	0	40	40	40	40	40
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	13	13	0.330769	0.103155	0.2	0.4	0.4	0.2	0.5
gross alpha-dissolved (pci/l)	1	10	10	1555.63	576.0084	1560	1705	1790	36.3	2110
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	15	15	497.4533	173.7006	384.75	547	624.25	19.8	664
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	12	930.8333	559.1301	520	735	1450	170	1700
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	12	12	2.415	1.153969	1.58	2.515	3.185	0.22	4.36
iron-total (mg/l)	0.03	14	14	4.715	0.447622	4.42	4.6	4.86	4.06	5.66
lead 210-dissolved (pci/l)	1	13	8	2.184615	1.987815	-0.725	1.5	3.35	0.5	6.8
lead 210-suspended (pci/l)	1	12	8	3.15	2.843014	0.95	2.9	4.55	0.5	9
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	13	13	134.7692	5.946341	128.75	135	139.5	125	143
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	16	16	2.39875	0.136473	2.28	2.4	2.5	2.18	2.63
manganese-total (mg/l)	0.01	12	12	2.469167	0.110244	2.385	2.485	2.54	2.29	2.66
mercury-dissolved (mg/l)	0.001	11	0	0.0005	1.14E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	15	0	0.0005	2.24E-19	0.0004	0.0005	0.001	0.0005	0.0005

Well #698

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	13	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	10	0	0.05	7.31E-18	0.1	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	15	0	0.025	3.59E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	14	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	14	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	14	14	156.4786	105.5193	64	175	220	-38.3	300
ph	0.01	13	13	7.067692	0.301611	6.81	7.02	7.2875	6.74	7.72
ph (field)	N/A	11	11	6.739091	0.114931	6.6725	6.76	6.8175	6.49	6.88
polonium 210-dissolved (pci/l)	1	14	3	0.685714	0.382013	0.3	0.5	1	0.5	1.6
polonium 210-suspended (pci/l)	1	12	6	1.008333	0.561586	0.65	0.85	1.45	0.5	2
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	13	13	15.90769	1.985137	14.975	15.5	16	14.4	22.2
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	14	14	389.1429	28.55186	370	392.5	412	335	429
radium 226-suspended (pci/l)	0.2	15	14	9.42	5.515329	6.325	9	12.475	0.1	21.6
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	15	15	33500	6302.721	28275	36700	38200	22400	42600
selenium-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	12	3	0.001833	0.001586	0.001	0.001	0.0025	0.001	0.005
selenium-vi-dissolved (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	13	13	8.346154	3.203544	5.075	10	11.15	2.6	11.5
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #698										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	15	1	0.003667	0.004518	0.005	0.0025	0.005	0.0025	0.02
sodium adsorption ratio (sar) (meq/l)	0.1	14	14	0.983571	0.039342	0.95	0.985	0.99	0.94	1.1
sodium-dissolved (mg/l)	0.8	13	13	86.9	2.852484	84	87	89	83	92.1
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	14	14	2087.857	77.67571	2030	2085	2140	1970	2220
solids-total dissolved tds @ 180 c (mg/l)	5	15	15	2180	147.3577	2200	2200	2275	1700	2300
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	12	12	4.816667	0.2329	4.65	4.8	4.9	4.4	5.2
sulfate (mg/l)	36	15	15	1372.667	83.10636	1310	1360	1445	1240	1530
tds balance (0.80 - 1.20) (dec.%)	N/A	14	14	1.045	0.077534	1.03	1.055	1.09	0.82	1.13
thallium-total (mg/l)	0.001	14	0	0.0005	2.25E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	13	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	10	5	0.48	0.576965	0.2	0.2	0.7	0.1	1.9
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	7	7	13.14286	6.294139	7.9	9.8	18.275	7.3	23.2
uranium-dissolved (mg/l)	0.003	15	15	0.105627	0.005901	0.1015	0.104	0.109	0.0956	0.119
uranium-suspended (mg/l)	0.0003	15	15	0.00328	0.001588	0.002325	0.0032	0.0046	0.0006	0.0055
uranium-total (mg/l)	0.0003	12	12	0.113167	0.0096	0.105	0.1125	0.1205	0.101	0.132
vanadium-dissolved (mg/l)	0.1	11	0	0.05	7.28E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	12	12	-34.6517	0.112155	-34.74	34.645	-34.595	-34.82	-34.46
water temperature (field, deg c)	N/A	11	11	11.69091	0.388161	11.53	11.69	11.8825	10.9	12.4

Well #698										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	14	0	0.005	9E-19	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005

Well #3026										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	10	10	2720.1	219.5032	2700	2750	2821	2250	3069
conductivity @ 25 c (umhos/cm)	5	13	13	2657.692	590.2281	2505	2660	2995	1040	3480
copper-dissolved (mg/l)	0.01	12	0	0.005	9.06E-19	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	11	0	0.005	9.1E-19	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	3	3	1.518333	2.031898	0.18875	0.71	3.05	0.015	3.83
do meter charge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	12	12	0.45	0.108711	0.4	0.4	0.55	0.3	0.6
gross alpha-dissolved (pci/l)	1	12	12	51.65833	33.00833	21.8	45.7	78.8	15.4	116
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	13	12	22.09231	10.22981	18.775	24.4	30.125	1	33.9
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	12	4	318.3333	457.301	20	10	870	10	1000
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	12	11	5.88875	7.884395	0.165	3.17	6.89	0.015	22.7
iron-total (mg/l)	0.03	12	12	13.82417	8.020324	8.24	14.8	19.4	0.16	25.8
lead 210-dissolved (pci/l)	1	11	3	0.990909	0.913734	-0.975	0.5	1.375	0.5	3.1
lead 210-suspended (pci/l)	1	11	5	2.290909	2.261616	-3	0.5	4	0.5	6.9
lead 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
lead-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	11	11	101.3636	34.38966	91.1	108	119.25	17.3	138
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	11	11	0.905455	0.449252	0.52	1.04	1.175	0.07	1.47
manganese-total (mg/l)	0.01	13	13	1.033077	0.528289	0.7675	1.08	1.4875	0.08	1.64
mercury-dissolved (mg/l)	0.001	13	0	0.0005	2.26E-19	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	15	0	0.0005	2.24E-19	0.0004	0.0005	0.001	0.0005	0.0005

Well #3026										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	12	1	0.0625	0.043301	0.1	0.05	0.1	0.05	0.2
molybdenum-total (mg/l)	0.1	11	1	0.072727	0.075378	0.1	0.05	0.1	0.05	0.3
nickel-dissolved (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	13	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	12	12	184.9583	89.87376	140	205	240	-15.5	310
ph	0.01	12	12	7.18	0.587908	6.745	7.015	7.535	6.57	8.49
ph (field)	N/A	10	10	7.348	1.421086	6.72	6.83	7.04	6.09	10.79
polonium 210-dissolved (pci/l)	1	12	0	0.5	0	0.2	0.5	1	0.5	0.5
polonium 210-suspended (pci/l)	1	13	1	0.607692	0.38829	0.06575	0.5	1	0.5	1.9
polonium 210-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
potassium-dissolved (mg/l)	0.5	12	12	20.73333	5.395509	19.15	20.95	23	7.6	30.6
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	11	11	4.836364	2.645476	3.05	3.6	5.6	2.7	10.1
radium 226-suspended (pci/l)	0.2	13	4	0.523077	0.9066	-0.225	0.1	0.65	0.1	3.3
radium 226-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radon 222-total (pci/l)	100	12	12	584.6667	449.6066	299.5	462	698	213	1820
selenium-dissolved (mg/l)	0.001	12	1	0.000958	0.001588	0.001	0.0005	0.001	0.0005	0.006
selenium-iv-dissolved (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	12	3	0.002	0.002	0.001	0.001	0.0025	0.001	0.007
selenium-vi-dissolved (mg/l)	0.001	13	1	0.000923	0.001525	0.001	0.0005	0.001	0.0005	0.006
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	12	11	5.0875	3.7284	2	4	8.8	0.25	9.9
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025

Well #3026										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	11	0	0.0025	4.55E-19	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	12	12	2.675	1.60744	1.8	1.95	3	1.8	7.3
sodium-dissolved (mg/l)	0.8	13	13	191.2308	43.78195	167	171	214	147	284
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	11	11	2172.818	459.536	2125	2210	2340	931	2710
solids-total dissolved tds @ 180 c (mg/l)	5	12	12	2240	525.9796	2200	2300	2550	880	2800
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	11	11	5.763636	1.814537	5.725	5.9	6.825	0.9	7.7
sulfate (mg/l)	36	12	12	1405.333	323.0754	1335	1430	1595	514	1790
tds balance (0.80 - 1.20) (dec.%)	N/A	12	12	1.005	0.079601	0.99	1.03	1.055	0.78	1.08
thallium-total (mg/l)	0.001	12	0	0.0005	1.13E-19	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	12	0	0.1	1.45E-17	0.1	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	12	3	0.208333	0.260971	-0.085	0.1	0.25	0.1	1
thorium 230-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-dissolved (mg/l)	0.005	12	0	0.0025	4.53E-19	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	5	5	10.54	8.000812	4.05	9.1	18.1	1.2	19.9
uranium-dissolved (mg/l)	0.003	12	10	0.010092	0.008122	0.0042	0.00795	0.01505	0.0015	0.0281
uranium-suspended (mg/l)	0.0003	12	5	0.000813	0.001128	0.0003	0.00015	0.00115	0.00015	0.004
uranium-total (mg/l)	0.0003	12	12	0.011175	0.009269	0.00455	0.0076	0.01735	0.0025	0.0322
vanadium-dissolved (mg/l)	0.1	12	0	0.05	7.25E-18	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	13	13	-138.698	0.321355	-138.903	-138.83	-138.458	-139.05	-138.15
water temperature (field, deg c)	N/A	10	10	12.03	0.839907	11.2	12.115	12.37	10.89	13.8

Well #3026										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	12	2	0.0075	0.005839	0.01	0.005	0.01	0.005	0.02
zinc-total (mg/l)	0.01	12	2	0.008333	0.008072	0.01	0.005	0.01	0.005	0.03

Well #4002

[illegible]

Well #4002

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	1094	232.0819	966	1199.5	1222	747	1230
conductivity @ 25 c (umhos/cm)	5	4	4	1227.5	86.55441	1170	1220	1285	1130	1340
copper-dissolved (mg/l)	0.01	5	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	0.91	0.678823	0.43	0.91	1.39	0.43	1.39
do meter charge	N/A	1	1	40	0	40	40	40	40	40
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	3	3	0.4	6.8E-17	0.4	0.4	0.4	0.4	0.4
gross alpha-dissolved (pci/l)	1	4	4	202.25	86.63092	134	184	270.5	127	314
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	5	5	62.82	30.13332	41.65	49.6	91.175	30.1	101
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	4	795	964.8661	165	430	1425	120	2200
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	0	0.015	0	0.03	0.015	0.03	0.015	0.015
iron-total (mg/l)	0.03	2	2	2.26	0.042426	2.23	2.26	2.29	2.23	2.29
lead 210-dissolved (pci/l)	1	3	1	2.4	3.290897	-1.7	0.5	4.9	0.5	6.2
lead 210-suspended (pci/l)	1	5	2	2.52	4.032617	1	0.5	3.475	0.5	9.7
lead 210-total (pci/l)	1	1	1	12	0	12	12	12	12	12
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	14.075	1.393736	13.15	14.05	15	12.4	15.8
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	5	5	0.078	0.004472	0.0775	0.08	0.08	0.07	0.08
manganese-total (mg/l)	0.01	2	2	0.08	0	0.08	0.08	0.08	0.08	0.08
mercury-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.000175	0.0005	0.001	0.0005	0.0005

Well #4002

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.01	0.05	0.05
nickel-dissolved (mg/l)	0.05	3	0	0.025	4.25E-18	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	3	0	0.05	8.5E-18	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	193.3333	55.07571	152.5	190	235	140	250
ph	0.01	4	4	7.8375	0.1513	7.74	7.84	7.935	7.65	8.02
ph (field)	N/A	4	4	8.06	0.225241	7.875	8.045	8.245	7.83	8.32
polonium 210-dissolved (pci/l)	1	4	1	0.9	0.8	0.5	0.5	1.55	0.5	2.1
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.55	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	7.25	0.129099	7.15	7.25	7.35	7.1	7.4
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	3	3	54.5	2.364318	52.775	54.2	56.3	52.3	57
radium 226-suspended (pci/l)	0.2	4	3	16.225	15.94707	4.3	13.9	28.2	0.1	37
radium 226-total (pci/l)	0.2	2	2	71.05	11.80868	62.7	71.05	79.4	62.7	79.4
radon 222-total (pci/l)	100	3	3	8893.333	945.1102	8202.5	8780	9612.5	8010	9890
selenium-dissolved (mg/l)	0.001	3	1	0.002	0.002598	0.001	0.0005	0.004	0.0005	0.005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.325	1.734695	5.2	6.95	7.45	3.8	7.6
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #4002

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	6.733333	0.057735	6.7	6.7	6.775	6.7	6.8
sodium-dissolved (mg/l)	0.8	4	4	194	17.22401	183.5	197.5	204.5	170	211
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	5	5	781.6	61.58977	716.75	799	836	716	842
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	817.5	27.53785	795	815	840	790	850
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	0.85	0.070711	0.8	0.85	0.9	0.8	0.9
sulfate (mg/l)	36	5	5	455	8.717798	449.5	453	458	448	470
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.0325	0.092871	0.96	1.02	1.105	0.94	1.15
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	1	0.225	0.25	0.1	0.1	0.4	0.1	0.6
thorium 230-suspended (pci/l)	0.2	3	0	0.1	1.7E-17	0.125	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	1.4	1.571623	0.4	0.7	2.575	0.3	3.2
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.00245	0.0015	0.0026	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	5	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	2	0.0025	0	0.0025	0.0025	0.0025	0.0025	0.0025
vanadium-dissolved (mg/l)	0.1	5	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	3	3	10.54333	1.957098	9.0575	11.21	11.8625	8.34	12.08

Well #4002

Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005

[illegible]

Well #7002										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
conductivity (field, umhos/cm)	N/A	4	4	2115.25	212.9575	1964	2185.5	2266.5	1815	2275
conductivity @ 25 c (umhos/cm)	5	4	4	2327.5	143.6141	2205	2315	2450	2200	2480
copper-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
copper-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005
dissolved oxygen (field, mg/l)	N/A	2	2	1.16	0.070711	1.11	1.16	1.21	1.11	1.21
do meter charge	N/A	2	2	37.45	16.61701	25.7	37.45	49.2	25.7	49.2
flow/discharge (cfs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
fluoride (mg/l)	0.1	4	4	0.3	0.141421	0.2	0.25	0.4	0.2	0.5
gross alpha-dissolved (pci/l)	1	4	4	51.575	27.37205	34.65	42.7	68.5	29.5	91.4
gross alpha-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross beta-dissolved (pci/l)	2	4	4	33.4	5.864583	29.05	31.9	37.75	28.4	41.4
gross beta-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gross gamma-dissolved (pci/l)	20	4	3	795	732.3251	185	785	1400	10	1600
gross gamma-total (pci/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iron-dissolved (mg/l)	0.03	4	3	0.15125	0.13319	0.045	0.155	0.265	0.015	0.28
iron-total (mg/l)	0.03	2	2	1.285	0.049497	1.25	1.285	1.32	1.25	1.32
lead 210-dissolved (pci/l)	1	4	1	3.625	6.25	0.2	0.5	7	0.5	13
lead 210-suspended (pci/l)	1	4	1	2.35	3.7	-0.05	0.5	4.45	0.5	7.9
lead 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
lead-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
lead-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
magnesium-dissolved (mg/l)	0.5	4	4	88.2	11.20089	79.7	86.05	96.7	77.7	103
magnesium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
manganese-dissolved (mg/l)	0.01	4	4	0.3875	0.017078	0.375	0.385	0.4	0.37	0.41
manganese-total (mg/l)	0.01	2	2	0.385	0.021213	0.37	0.385	0.4	0.37	0.4
mercury-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
mercury-total (mg/l)	0.001	5	0	0.0005	0	0.0001	0.0005	0.001	0.0005	0.0005

Well #7002										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
molybdenum-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
molybdenum-total (mg/l)	0.1	2	0	0.05	0	0.01	0.05	0.1	0.05	0.05
nickel-dissolved (mg/l)	0.05	4	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nickel-total (mg/l)	0.05	2	0	0.025	0	0.05	0.025	0.05	0.025	0.025
nitrogen, nitrate as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
nitrogen, nitrite as n (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
oxidation-reduction potential (mv)	N/A	3	3	196.6667	30.5505	175	190	220	170	230
ph	0.01	4	4	7.3575	0.1466	7.255	7.325	7.46	7.22	7.56
ph (field)	N/A	4	4	7.3925	0.39246	7.09	7.345	7.695	6.99	7.89
polonium 210-dissolved (pci/l)	1	4	2	1.6	1.708801	0.55	0.9	2.7	0.5	4.1
polonium 210-suspended (pci/l)	1	4	0	0.5	0	0.6	0.5	1	0.5	0.5
polonium 210-total (pci/l)	1	1	0	0.5	0	1	0.5	1	0.5	0.5
potassium-dissolved (mg/l)	0.5	4	4	21.2	0.996661	20.45	21.35	21.95	19.9	22.2
potassium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
radium 226-dissolved (pci/l)	0.2	4	4	8.35	0.369685	8.05	8.3	8.65	8	8.8
radium 226-suspended (pci/l)	0.2	4	1	0.3	0.4	0.1	0.1	0.55	0.1	0.9
radium 226-total (pci/l)	0.2	1	1	6.3	0	6.3	6.3	6.3	6.3	6.3
radon 222-total (pci/l)	100	3	3	986.6667	262.4068	798.5	938	1187	752	1270
selenium-dissolved (mg/l)	0.001	4	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-iv-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
selenium-total (mg/l)	0.002	2	0	0.001	0	0.001	0.001	0.001	0.001	0.001
selenium-vi-dissolved (mg/l)	0.001	3	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
selenium-vi-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silica-dissolved (mg/l)	0.5	4	4	6.675	2.214159	5.35	7.55	8	3.4	8.2
silica-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
silver-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025

Well #7002										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
silver-total (mg/l)	0.005	2	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
sodium adsorption ratio (sar) (meq/l)	0.1	3	3	2.566667	0.152753	2.45	2.6	2.675	2.4	2.7
sodium-dissolved (mg/l)	0.8	4	4	175.75	22.12653	157	177	194.5	152	197
sodium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-suspended sediment ssc @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
solids-total dissolved calculated (mg/l)	5	4	4	1725	71.41428	1685	1750	1765	1620	1780
solids-total dissolved tds @ 180 c (mg/l)	5	4	4	1875	50	1850	1900	1900	1800	1900
solids-total suspended tss @ 105 c (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
staff gages (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
strontium-total (mg/l)	0.1	2	2	7.15	0.777817	6.6	7.15	7.7	6.6	7.7
sulfate (mg/l)	36	4	4	1075	61.91392	1030	1060	1120	1020	1160
tds balance (0.80 - 1.20) (dec.%)	N/A	4	4	1.095	0.068069	1.05	1.08	1.14	1.03	1.19
thallium-total (mg/l)	0.001	2	0	0.0005	0	0.001	0.0005	0.001	0.0005	0.0005
thorium 230-dissolved (pci/l)	0.2	4	0	0.1	0	0.15	0.1	0.2	0.1	0.1
thorium 230-suspended (pci/l)	0.2	4	0	0.1	0	0.1	0.1	0.2	0.1	0.1
thorium 230-total (pci/l)	0.2	1	0	0.1	0	0.2	0.1	0.2	0.1	0.1
thorium 232-dissolved (mg/l)	0.005	4	0	0.0025	0	0.005	0.0025	0.005	0.0025	0.0025
thorium 232-suspended (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
thorium 232-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
turbidity (ntu)	N/A	3	3	1.6	0.793725	1	1.9	2.125	0.7	2.2
uranium-dissolved (mg/l)	0.003	4	0	0.0015	0	0.00055	0.0015	0.00065	0.0015	0.0015
uranium-suspended (mg/l)	0.0003	4	0	0.00015	0	0.0003	0.00015	0.0003	0.00015	0.00015
uranium-total (mg/l)	0.0003	2	2	0.00055	7.07E-05	0.0005	0.00055	0.0006	0.0005	0.0006
vanadium-dissolved (mg/l)	0.1	4	0	0.05	0	0.1	0.05	0.1	0.05	0.05
vanadium-total (mg/l)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water level (feet)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
water temperature (field, deg c)	N/A	4	4	11.6025	0.492028	11.195	11.68	12.01	11.02	12.03

Well #7002										
Constituent	PQL	n Analyzed	n Detected	Mean	StDev	Q1	Median	Q3	Minimum	Maximum
zinc-dissolved (mg/l)	0.01	4	0	0.005	0	0.01	0.005	0.01	0.005	0.005
zinc-total (mg/l)	0.01	2	0	0.005	0	0.01	0.005	0.01	0.005	0.005



POWERTECH (USA) INC.

Response: TR RAI-2.7-18

Clarification Text for TR Section 2.7.3.1 Surface Water Quality

Subimpoundment Data



POWERTECH (USA) INC.

Response: TR_RAI-2.7-21

**Appendix 2.7-I
Attachment A**

TR_RAI Table 2.7-21

Water Quality Results for Nine Pump Test Wells 2008: Parameter, Date of Event

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 49		
Analyte	Result	Date
Water Level (feet)	21.7	9/25/2007
Water Level (feet)	23.1	11/9/2007
Water Level (feet)	22.662	2/21/2008
Water Level (feet)	20.83	6/30/2008
pH (field)	7.77	7/1/2008
Turbidity (NTU)	0.5	7/1/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/1/2008
A/C Balance (± 5) (%)	6.51	7/1/2008
Chromium-Total (mg/L)	0.05	7/1/2008
Cations (meq/L)	15.3	7/1/2008
Oxidation-Reduction Potential (mV)	160	7/1/2008
Lead 210-Dissolved (pCi/L)	1.6	7/1/2008
Thorium 232-Dissolved (mg/L)	0.005	7/1/2008
Uranium-Total (mg/L)	0.0011	7/1/2008
Nickel-Total (mg/L)	0.05	7/1/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/1/2008
Silver-Total (mg/L)	0.005	7/1/2008
Barium-Total (mg/L)	0.1	7/1/2008
Uranium-Dissolved (mg/L)	0.0011	7/1/2008
Solids-Total Dissolved Calculated (mg/L)	915	7/1/2008
Lead-Dissolved (mg/L)	0.001	7/1/2008
Silver-Dissolved (mg/L)	0.005	7/1/2008
Sodium Adsorption Ratio (SAR) (meq/L)	6.1	7/1/2008
Strontium-Total (mg/L)	1.1	7/1/2008
Potassium-Dissolved (mg/L)	10.4	7/1/2008
Manganese-Dissolved (mg/L)	0.14	7/1/2008
Lead 210-Suspended (pCi/L)	1.3	7/1/2008
Chloride (mg/L)	12	7/1/2008
Magnesium-Dissolved (mg/L)	25.2	7/1/2008
Polonium 210-Dissolved (pCi/L)	0	7/1/2008
Zinc-Dissolved (mg/L)	0.01	7/1/2008
Alkalinity-Total as CaCO ₃ (mg/L)	168	7/1/2008
Mercury-Total (mg/L)	0.0002	7/1/2008
Nickel-Dissolved (mg/L)	0.05	7/1/2008
Mercury-Dissolved (mg/L)	0.001	7/1/2008
Thorium 230-Suspended (pCi/L)	0.2	7/1/2008
Selenium-Total (mg/L)	0.003	7/1/2008
Boron-Total (mg/L)	0.1	7/1/2008
Gross Beta-Dissolved (pCi/L)	7.1	7/1/2008
Calcium-Dissolved (mg/L)	62.2	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 49		
Analyte	Result	Date
Anions (meq/L)	13.4	7/1/2008
pH	7.91	7/1/2008
Arsenic-Dissolved (mg/L)	0.001	7/1/2008
Mercury-Total (mg/L)	0.0001	7/1/2008
Antimony-Total (mg/L)	0.003	7/1/2008
Arsenic-Total (mg/L)	0.002	7/1/2008
Thorium 230-Dissolved (pCi/L)	0	7/1/2008
Radium 226-Suspended (pCi/L)	0.2	7/1/2008
Beryllium-Total (mg/L)	0.001	7/1/2008
Copper-Dissolved (mg/L)	0.01	7/1/2008
Sodium-Dissolved (mg/L)	226	7/1/2008
TDS Balance (0.80 - 1.20) (dec.%)	1.02	7/1/2008
Silica-Dissolved (mg/L)	4.6	7/1/2008
Bicarbonate as HCO ₃ (mg/L)	205	7/1/2008
Polonium 210-Suspended (pCi/L)	-0.1	7/1/2008
Molybdenum-Dissolved (mg/L)	0.1	7/1/2008
Carbonate as CO ₃ (mg/L)	5	7/1/2008
Conductivity @ 25 C (umhos/cm)	1200	7/1/2008
Vanadium-Dissolved (mg/L)	0.1	7/1/2008
Sulfate (mg/L)	465	7/1/2008
Radon 222-Total (pCi/L)	477	7/1/2008
Lead-Total (mg/L)	0.003	7/1/2008
Uranium-Suspended (mg/L)	0.0003	7/1/2008
Chromium-Dissolved (mg/L)	0.05	7/1/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/1/2008
Ammonia (mg/L)	0.2	7/1/2008
Fluoride (mg/L)	0.4	7/1/2008
Iron-Dissolved (mg/L)	0.03	7/1/2008
Thallium-Total (mg/L)	0.001	7/1/2008
Barium-Dissolved (mg/L)	0.1	7/1/2008
Manganese-Total (mg/L)	0.12	7/1/2008
Boron-Dissolved (mg/L)	0.1	7/1/2008
Molybdenum-Total (mg/L)	0.1	7/1/2008
Zinc-Total (mg/L)	0.01	7/1/2008
Gross Gamma-Dissolved (pCi/L)	920	7/1/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	930	7/1/2008
Gross Alpha-Dissolved (pCi/L)	8.2	7/1/2008
Radium 226-Dissolved (pCi/L)	2.2	7/1/2008
Iron-Total (mg/L)	0.14	7/1/2008
Cadmium-Dissolved (mg/L)	0.005	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 49		
Analyte	Result	Date
Conductivity (field, umhos/cm)	1381	7/1/2008
Water Temperature (field, deg C)	14	7/1/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/1/2008
Copper-Total (mg/L)	0.01	7/1/2008
Selenium-Dissolved (mg/L)	0.001	7/1/2008
Cadmium-Total (mg/L)	0.005	7/1/2008
Aluminum-Dissolved (mg/L)	0.1	7/1/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 682		
Analyte	Result	Date
Water Level (feet)	-54.18	3/6/2008
Water Level (feet)	-53.42	5/28/2008
Conductivity (field, umhos/cm)	1264	7/7/2008
pH (field)	7.44	7/7/2008
Water Temperature (field, deg C)	12.62	7/7/2008
Conductivity (field, umhos/cm)	2531	7/7/2008
pH (field)	6.93	7/7/2008
Strontium-Total (mg/L)	6.6	7/7/2008
Silica-Dissolved (mg/L)	2.1	7/7/2008
Radium 226-Suspended (pCi/L)	-0.3	7/7/2008
Copper-Dissolved (mg/L)	0.01	7/7/2008
Mercury-Total (mg/L)	0.0002	7/7/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/7/2008
TDS Balance (0.80 - 1.20) (dec.%)	0.94	7/7/2008
Bicarbonate as HCO ₃ (mg/L)	295	7/7/2008
Sodium-Dissolved (mg/L)	113	7/7/2008
Alkalinity-Total as CaCO ₃ (mg/L)	242	7/7/2008
A/C Balance (± 5) (%)	5.13	7/7/2008
Potassium-Dissolved (mg/L)	22.9	7/7/2008
Lead-Dissolved (mg/L)	0.001	7/7/2008
Gross Beta-Dissolved (pCi/L)	14	7/7/2008
Barium-Dissolved (mg/L)	0.1	7/7/2008
Selenium-Dissolved (mg/L)	0.001	7/7/2008
Magnesium-Dissolved (mg/L)	109	7/7/2008
Fluoride (mg/L)	0.4	7/7/2008
Oxidation-Reduction Potential (mV)	290	7/7/2008
pH	7.3	7/7/2008
Nickel-Total (mg/L)	0.05	7/7/2008
Silver-Total (mg/L)	0.005	7/7/2008
Thorium 232-Dissolved (mg/L)	0.005	7/7/2008
Conductivity @ 25 C (umhos/cm)	2360	7/7/2008
Iron-Total (mg/L)	1.15	7/7/2008
Mercury-Dissolved (mg/L)	0.001	7/7/2008
Aluminum-Dissolved (mg/L)	0.1	7/7/2008
Sulfate (mg/L)	1170	7/7/2008
Beryllium-Total (mg/L)	0.001	7/7/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/7/2008
Barium-Total (mg/L)	0.1	7/7/2008
Selenium-Total (mg/L)	0.002	7/7/2008
Ammonia (mg/L)	0.1	7/7/2008
Molybdenum-Total (mg/L)	0.1	7/7/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 682		
Analyte	Result	Date
Radon 222-Total (pCi/L)	1380	7/7/2008
Vanadium-Dissolved (mg/L)	0.1	7/7/2008
Calcium-Dissolved (mg/L)	365	7/7/2008
Polonium 210-Dissolved (pCi/L)	-0.1	7/7/2008
Lead 210-Suspended (pCi/L)	-9.2	7/7/2008
Silver-Dissolved (mg/L)	0.005	7/7/2008
Uranium-Total (mg/L)	0.0227	7/7/2008
Anions (meq/L)	29.5	7/7/2008
Nickel-Dissolved (mg/L)	0.05	7/7/2008
Carbonate as CO3 (mg/L)	5	7/7/2008
Boron-Total (mg/L)	0.1	7/7/2008
Solids-Total Dissolved Calculated (mg/L)	1940	7/7/2008
Arsenic-Total (mg/L)	0.01	7/7/2008
Antimony-Total (mg/L)	0.003	7/7/2008
Boron-Dissolved (mg/L)	0.2	7/7/2008
Gross Alpha-Dissolved (pCi/L)	50.3	7/7/2008
Chromium-Dissolved (mg/L)	0.05	7/7/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	1800	7/7/2008
Iron-Dissolved (mg/L)	0.03	7/7/2008
Lead 210-Dissolved (pCi/L)	2.4	7/7/2008
Chromium-Total (mg/L)	0.05	7/7/2008
Uranium-Dissolved (mg/L)	0.0198	7/7/2008
Gross Gamma-Dissolved (pCi/L)	790	7/7/2008
Manganese-Dissolved (mg/L)	0.51	7/7/2008
Cadmium-Dissolved (mg/L)	0.005	7/7/2008
Cations (meq/L)	32.7	7/7/2008
Arsenic-Dissolved (mg/L)	0.002	7/7/2008
Mercury-Total (mg/L)	0.0001	7/7/2008
Zinc-Dissolved (mg/L)	0.01	7/7/2008
Thallium-Total (mg/L)	0.001	7/7/2008
Chloride (mg/L)	12	7/7/2008
Radium 226-Dissolved (pCi/L)	3.4	7/7/2008
Manganese-Total (mg/L)	0.55	7/7/2008
Thorium 230-Dissolved (pCi/L)	0	7/7/2008
Thorium 230-Suspended (pCi/L)	0.3	7/7/2008
Turbidity (NTU)	32	7/7/2008
Polonium 210-Suspended (pCi/L)	0.3	7/7/2008
Copper-Total (mg/L)	0.01	7/7/2008
Sodium Adsorption Ratio (SAR) (meq/L)	1.3	7/7/2008
Lead-Total (mg/L)	0.001	7/7/2008
Cadmium-Total (mg/L)	0.005	7/7/2008



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TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 682		
Analyte	Result	Date
Water Temperature (field, deg C)	13.11	7/7/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/7/2008
Zinc-Total (mg/L)	0.01	7/7/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/7/2008
Molybdenum-Dissolved (mg/L)	0.1	7/7/2008
Uranium-Suspended (mg/L)	0.0004	7/7/2008



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TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 683		
Analyte	Result	Date
Water Level (feet)	-81.91	3/6/2008
Water Level (feet)	-4.89	6/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 684		
Analyte	Result	Date
Water Level (feet)	-28.81	3/6/2008
Water Level (feet)	-27.97	5/28/2008
Conductivity (field, umhos/cm)	2696	7/7/2008
pH (field)	6.98	7/7/2008
Cadmium-Total (mg/L)	0.005	7/7/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/7/2008
Silver-Total (mg/L)	0.005	7/7/2008
Gross Gamma-Dissolved (pCi/L)	1800	7/7/2008
Mercury-Dissolved (mg/L)	0.001	7/7/2008
Antimony-Total (mg/L)	0.003	7/7/2008
Molybdenum-Dissolved (mg/L)	0.1	7/7/2008
Molybdenum-Total (mg/L)	0.1	7/7/2008
Selenium-Total (mg/L)	0.005	7/7/2008
Anions (meq/L)	32.6	7/7/2008
Alkalinity-Total as CaCO ₃ (mg/L)	274	7/7/2008
Gross Alpha-Dissolved (pCi/L)	1890	7/7/2008
Strontium-Total (mg/L)	7.6	7/7/2008
Thallium-Total (mg/L)	0.001	7/7/2008
Polonium 210-Dissolved (pCi/L)	5.1	7/7/2008
Polonium 210-Suspended (pCi/L)	56	7/7/2008
Iron-Dissolved (mg/L)	0.47	7/7/2008
Mercury-Total (mg/L)	0.0002	7/7/2008
Silica-Dissolved (mg/L)	2.7	7/7/2008
Boron-Dissolved (mg/L)	0.2	7/7/2008
Arsenic-Total (mg/L)	0.04	7/7/2008
Calcium-Dissolved (mg/L)	375	7/7/2008
Uranium-Suspended (mg/L)	0.177	7/7/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/7/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	2200	7/7/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/7/2008
Radium 226-Suspended (pCi/L)	44.1	7/7/2008
Conductivity @ 25 C (umhos/cm)	2510	7/7/2008
Uranium-Dissolved (mg/L)	0.0667	7/7/2008
pH	7.43	7/7/2008
Iron-Total (mg/L)	1.68	7/7/2008
Lead-Dissolved (mg/L)	0.001	7/7/2008
Lead 210-Suspended (pCi/L)	94.6	7/7/2008
Magnesium-Dissolved (mg/L)	119	7/7/2008
Barium-Total (mg/L)	0.1	7/7/2008
Mercury-Total (mg/L)	0.0001	7/7/2008
Boron-Total (mg/L)	0.1	7/7/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 684		
Analyte	Result	Date
Manganese-Dissolved (mg/L)	0.54	7/7/2008
Beryllium-Total (mg/L)	0.001	7/7/2008
Thorium 230-Suspended (pCi/L)	65.9	7/7/2008
Cadmium-Dissolved (mg/L)	0.005	7/7/2008
Copper-Total (mg/L)	0.01	7/7/2008
Thorium 230-Dissolved (pCi/L)	0.8	7/7/2008
Chromium-Total (mg/L)	0.05	7/7/2008
Barium-Dissolved (mg/L)	0.1	7/7/2008
Bicarbonate as HCO ₃ (mg/L)	334	7/7/2008
Solids-Total Dissolved Calculated (mg/L)	2110	7/7/2008
Gross Beta-Dissolved (pCi/L)	556	7/7/2008
Oxidation-Reduction Potential (mV)	300	7/7/2008
Radon 222-Total (pCi/L)	234000	7/7/2008
Silver-Dissolved (mg/L)	0.005	7/7/2008
Sodium Adsorption Ratio (SAR) (meq/L)	1.5	7/7/2008
Cations (meq/L)	34.7	7/7/2008
Zinc-Dissolved (mg/L)	0.01	7/7/2008
Sulfate (mg/L)	1280	7/7/2008
Lead-Total (mg/L)	0.001	7/7/2008
A/C Balance (± 5) (%)	3.15	7/7/2008
TDS Balance (0.80 - 1.20) (dec.%)	1.07	7/7/2008
Radium 226-Dissolved (pCi/L)	543	7/7/2008
Fluoride (mg/L)	0.4	7/7/2008
Sodium-Dissolved (mg/L)	127	7/7/2008
Uranium-Total (mg/L)	0.336	7/7/2008
Nickel-Total (mg/L)	0.05	7/7/2008
Vanadium-Dissolved (mg/L)	0.1	7/7/2008
Chromium-Dissolved (mg/L)	0.05	7/7/2008
Lead 210-Dissolved (pCi/L)	29	7/7/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/7/2008
Arsenic-Dissolved (mg/L)	0.03	7/7/2008
Zinc-Total (mg/L)	0.01	7/7/2008
Nickel-Dissolved (mg/L)	0.05	7/7/2008
Turbidity (NTU)	34.2	7/7/2008
Thorium 232-Dissolved (mg/L)	0.005	7/7/2008
Ammonia (mg/L)	0.1	7/7/2008
Copper-Dissolved (mg/L)	0.01	7/7/2008
Selenium-Dissolved (mg/L)	0.001	7/7/2008
Water Temperature (field, deg C)	13.02	7/7/2008
Manganese-Total (mg/L)	0.63	7/7/2008
Potassium-Dissolved (mg/L)	24.5	7/7/2008



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TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 684		
Analyte	Result	Date
Chloride (mg/L)	11	7/7/2008
Aluminum-Dissolved (mg/L)	0.1	7/7/2008
Carbonate as CO ₃ (mg/L)	5	7/7/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 685		
Analyte	Result	Date
Conductivity (field, umhos/cm)	1349	7/1/2008
pH (field)	7.61	7/1/2008
Dissolved Oxygen (field, mg/L)	0.09	7/1/2008
Selenium-IV-Dissolved (mg/L)	0.003	7/1/2008
Polonium 210-Suspended (pCi/L)	0.5	7/1/2008
pH	7.91	7/1/2008
Zinc-Dissolved (mg/L)	0.01	7/1/2008
Sodium Adsorption Ratio (SAR) (meq/L)	5.3	7/1/2008
Silver-Dissolved (mg/L)	0.005	7/1/2008
Manganese-Dissolved (mg/L)	0.09	7/1/2008
Arsenic-Dissolved (mg/L)	0.003	7/1/2008
Arsenic-Total (mg/L)	0.005	7/1/2008
Uranium-Total (mg/L)	0.0056	7/1/2008
Cadmium-Dissolved (mg/L)	0.005	7/1/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/1/2008
Mercury-Dissolved (mg/L)	0.001	7/1/2008
Uranium-Suspended (mg/L)	0.0003	7/1/2008
Antimony-Total (mg/L)	0.003	7/1/2008
Barium-Dissolved (mg/L)	0.1	7/1/2008
Anions (meq/L)	13.2	7/1/2008
Iron-Total (mg/L)	0.03	7/1/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	930	7/1/2008
Solids-Total Dissolved Calculated (mg/L)	896	7/1/2008
Zinc-Total (mg/L)	0.01	7/1/2008
Chloride (mg/L)	11	7/1/2008
Lead-Dissolved (mg/L)	0.001	7/1/2008
Fluoride (mg/L)	0.5	7/1/2008
Thorium 230-Suspended (pCi/L)	0.1	7/1/2008
Boron-Total (mg/L)	0.1	7/1/2008
Nickel-Total (mg/L)	0.05	7/1/2008
Thorium 232-Dissolved (mg/L)	0.005	7/1/2008
Boron-Dissolved (mg/L)	0.1	7/1/2008
Ammonia (mg/L)	0.1	7/1/2008
Lead 210-Dissolved (pCi/L)	5.9	7/1/2008
Gross Gamma-Dissolved (pCi/L)	940	7/1/2008
Sulfate (mg/L)	460	7/1/2008
Mercury-Total (mg/L)	0.0002	7/1/2008
Sodium-Dissolved (mg/L)	206	7/1/2008
Mercury-Total (mg/L)	0.0001	7/1/2008
TDS Balance (0.80 - 1.20) (dec.%)	1.04	7/1/2008
Radon 222-Total (pCi/L)	9460	7/1/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 685		
Analyte	Result	Date
Calcium-Dissolved (mg/L)	71.9	7/1/2008
Lead-Total (mg/L)	0.003	7/1/2008
Copper-Total (mg/L)	0.01	7/1/2008
Conductivity @ 25 C (umhos/cm)	1150	7/1/2008
Radium 226-Dissolved (pCi/L)	2.3	7/1/2008
Aluminum-Dissolved (mg/L)	0.1	7/1/2008
Thallium-Total (mg/L)	0.001	7/1/2008
Oxidation-Reduction Potential (mV)	240	7/1/2008
Chromium-Total (mg/L)	0.05	7/1/2008
A/C Balance (± 5) (%)	6.47	7/1/2008
Gross Alpha-Dissolved (pCi/L)	23.8	7/1/2008
Selenium-Total (mg/L)	0.005	7/1/2008
Chromium-Dissolved (mg/L)	0.05	7/1/2008
Copper-Dissolved (mg/L)	0.01	7/1/2008
Bicarbonate as HCO ₃ (mg/L)	197	7/1/2008
Nickel-Dissolved (mg/L)	0.05	7/1/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/1/2008
Uranium-Dissolved (mg/L)	0.0057	7/1/2008
Potassium-Dissolved (mg/L)	9.9	7/1/2008
Molybdenum-Dissolved (mg/L)	0.1	7/1/2008
Radium 226-Suspended (pCi/L)	0.3	7/1/2008
Molybdenum-Total (mg/L)	0.1	7/1/2008
Iron-Dissolved (mg/L)	0.03	7/1/2008
Alkalinity-Total as CaCO ₃ (mg/L)	162	7/1/2008
Strontium-Total (mg/L)	1.2	7/1/2008
Barium-Total (mg/L)	0.1	7/1/2008
Cadmium-Total (mg/L)	0.005	7/1/2008
Selenium-Dissolved (mg/L)	0.003	7/1/2008
Gross Beta-Dissolved (pCi/L)	12	7/1/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/1/2008
Beryllium-Total (mg/L)	0.001	7/1/2008
Silica-Dissolved (mg/L)	4.5	7/1/2008
Turbidity (NTU)	-0.4	7/1/2008
Vanadium-Dissolved (mg/L)	0.1	7/1/2008
Lead 210-Suspended (pCi/L)	-1.1	7/1/2008
Polonium 210-Dissolved (pCi/L)	0.1	7/1/2008
Silver-Total (mg/L)	0.005	7/1/2008
Water Temperature (field, deg C)	14.93	7/1/2008
Carbonate as CO ₃ (mg/L)	5	7/1/2008
Cations (meq/L)	15	7/1/2008
Thorium 230-Dissolved (pCi/L)	0	7/1/2008



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TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 685		
Analyte	Result	Date
Magnesium-Dissolved (mg/L)	26.2	7/1/2008
Manganese-Total (mg/L)	0.08	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 686		
Analyte	Result	Date
Water Level (feet)	-32.63	3/6/2008
Water Level (feet)	-31.9	5/28/2008
Conductivity (field, umhos/cm)	1774	7/7/2008
pH (field)	9.03	7/7/2008
Sodium Adsorption Ratio (SAR) (meq/L)	3.2	7/7/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/7/2008
Uranium-Total (mg/L)	0.0072	7/7/2008
Polonium 210-Dissolved (pCi/L)	0.3	7/7/2008
Selenium-Dissolved (mg/L)	0.002	7/7/2008
Lead 210-Dissolved (pCi/L)	6.1	7/7/2008
Uranium-Suspended (mg/L)	0.0004	7/7/2008
Cations (meq/L)	20	7/7/2008
Radium 226-Dissolved (pCi/L)	3.3	7/7/2008
Silica-Dissolved (mg/L)	1.7	7/7/2008
Selenium-Total (mg/L)	0.008	7/7/2008
Bicarbonate as HCO ₃ (mg/L)	51	7/7/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/7/2008
Mercury-Total (mg/L)	0.0001	7/7/2008
Sodium-Dissolved (mg/L)	176	7/7/2008
Iron-Total (mg/L)	0.07	7/7/2008
pH	8.68	7/7/2008
Silver-Total (mg/L)	0.005	7/7/2008
Lead-Total (mg/L)	0.001	7/7/2008
Conductivity @ 25 C (umhos/cm)	1720	7/7/2008
Oxidation-Reduction Potential (mV)	210	7/7/2008
A/C Balance (± 5) (%)	4.8	7/7/2008
Vanadium-Dissolved (mg/L)	0.1	7/7/2008
Copper-Dissolved (mg/L)	0.01	7/7/2008
Zinc-Total (mg/L)	0.01	7/7/2008
Silver-Dissolved (mg/L)	0.005	7/7/2008
Uranium-Dissolved (mg/L)	0.0012	7/7/2008
Strontium-Total (mg/L)	4.4	7/7/2008
Mercury-Dissolved (mg/L)	0.001	7/7/2008
Selenium-VI-Dissolved (mg/L)	0.002	7/7/2008
Chromium-Dissolved (mg/L)	0.05	7/7/2008
Iron-Dissolved (mg/L)	0.03	7/7/2008
Lead-Dissolved (mg/L)	0.001	7/7/2008
Thorium 230-Suspended (pCi/L)	0	7/7/2008
Fluoride (mg/L)	0.3	7/7/2008
TDS Balance (0.80 - 1.20) (dec.%)	1	7/7/2008
Sulfate (mg/L)	812	7/7/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 686		
Analyte	Result	Date
Boron-Total (mg/L)	0.1	7/7/2008
Calcium-Dissolved (mg/L)	150	7/7/2008
Arsenic-Total (mg/L)	0.001	7/7/2008
Potassium-Dissolved (mg/L)	27.7	7/7/2008
Gross Alpha-Dissolved (pCi/L)	11.3	7/7/2008
Cadmium-Dissolved (mg/L)	0.005	7/7/2008
Barium-Total (mg/L)	0.1	7/7/2008
Nickel-Dissolved (mg/L)	0.05	7/7/2008
Molybdenum-Total (mg/L)	0.1	7/7/2008
Mercury-Total (mg/L)	0.0002	7/7/2008
Copper-Total (mg/L)	0.01	7/7/2008
Antimony-Total (mg/L)	0.003	7/7/2008
Gross Beta-Dissolved (pCi/L)	16.4	7/7/2008
Arsenic-Dissolved (mg/L)	0.002	7/7/2008
Carbonate as CO3 (mg/L)	5	7/7/2008
Gross Gamma-Dissolved (pCi/L)	1000	7/7/2008
Ammonia (mg/L)	0.6	7/7/2008
Molybdenum-Dissolved (mg/L)	0.1	7/7/2008
Boron-Dissolved (mg/L)	0.1	7/7/2008
Lead 210-Suspended (pCi/L)	-2.3	7/7/2008
Thorium 230-Dissolved (pCi/L)	0	7/7/2008
Nickel-Total (mg/L)	0.05	7/7/2008
Chromium-Total (mg/L)	0.05	7/7/2008
Barium-Dissolved (mg/L)	0.1	7/7/2008
Cadmium-Total (mg/L)	0.005	7/7/2008
Radon 222-Total (pCi/L)	467	7/7/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	1300	7/7/2008
Polonium 210-Suspended (pCi/L)	0.4	7/7/2008
Thallium-Total (mg/L)	0.001	7/7/2008
Chloride (mg/L)	13	7/7/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/7/2008
Manganese-Total (mg/L)	0.06	7/7/2008
Turbidity (NTU)	6.6	7/7/2008
Magnesium-Dissolved (mg/L)	49.5	7/7/2008
Water Temperature (field, deg C)	13.15	7/7/2008
Aluminum-Dissolved (mg/L)	0.1	7/7/2008
Thorium 232-Dissolved (mg/L)	0.005	7/7/2008
Zinc-Dissolved (mg/L)	0.01	7/7/2008
Radium 226-Suspended (pCi/L)	-0.4	7/7/2008
Anions (meq/L)	18.1	7/7/2008
Solids-Total Dissolved Calculated (mg/L)	1260	7/7/2008



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TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 686		
Analyte	Result	Date
Alkalinity-Total as CaCO ₃ (mg/L)	42	7/7/2008
Manganese-Dissolved (mg/L)	0.03	7/7/2008
Beryllium-Total (mg/L)	0.001	7/7/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 687		
Analyte	Result	Date
Water Level (feet)	18.82	5/8/2008
Water Level (feet)	16.66	7/1/2008
Conductivity (field, umhos/cm)	1295	7/1/2008
pH (field)	7.81	7/1/2008
Dissolved Oxygen (field, mg/L)	0.21	7/1/2008
Selenium-Dissolved (mg/L)	0.001	7/1/2008
Sulfate (mg/L)	458	7/1/2008
Fluoride (mg/L)	0.4	7/1/2008
Thorium 230-Dissolved (pCi/L)	0	7/1/2008
Zinc-Total (mg/L)	0.01	7/1/2008
Molybdenum-Total (mg/L)	0.1	7/1/2008
Nickel-Total (mg/L)	0.05	7/1/2008
Molybdenum-Dissolved (mg/L)	0.1	7/1/2008
Sodium-Dissolved (mg/L)	208	7/1/2008
Strontium-Total (mg/L)	1.4	7/1/2008
Sodium Adsorption Ratio (SAR) (meq/L)	5.1	7/1/2008
Carbonate as CO ₃ (mg/L)	5	7/1/2008
Beryllium-Total (mg/L)	0.001	7/1/2008
Cations (meq/L)	15.6	7/1/2008
Solids-Total Dissolved Calculated (mg/L)	918	7/1/2008
Uranium-Dissolved (mg/L)	0.004	7/1/2008
Thorium 230-Suspended (pCi/L)	0	7/1/2008
Boron-Total (mg/L)	0.1	7/1/2008
Chromium-Total (mg/L)	0.05	7/1/2008
Barium-Dissolved (mg/L)	0.1	7/1/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/1/2008
Lead 210-Suspended (pCi/L)	-4	7/1/2008
Radium 226-Suspended (pCi/L)	0.3	7/1/2008
Lead 210-Dissolved (pCi/L)	3.9	7/1/2008
Silver-Total (mg/L)	0.005	7/1/2008
Gross Beta-Dissolved (pCi/L)	33.5	7/1/2008
Uranium-Suspended (mg/L)	0.0003	7/1/2008
Gross Gamma-Dissolved (pCi/L)	1100	7/1/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/1/2008
Silica-Dissolved (mg/L)	4.4	7/1/2008
Silver-Dissolved (mg/L)	0.005	7/1/2008
Oxidation-Reduction Potential (mV)	220	7/1/2008
Thallium-Total (mg/L)	0.001	7/1/2008
Calcium-Dissolved (mg/L)	76.7	7/1/2008
Antimony-Total (mg/L)	0.003	7/1/2008
Gross Alpha-Dissolved (pCi/L)	114	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 687		
Analyte	Result	Date
Chromium-Dissolved (mg/L)	0.05	7/1/2008
Cadmium-Dissolved (mg/L)	0.005	7/1/2008
Thorium 232-Dissolved (mg/L)	0.005	7/1/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	940	7/1/2008
Nickel-Dissolved (mg/L)	0.05	7/1/2008
Vanadium-Dissolved (mg/L)	0.1	7/1/2008
Aluminum-Dissolved (mg/L)	0.1	7/1/2008
Mercury-Dissolved (mg/L)	0.001	7/1/2008
TDS Balance (0.80 - 1.20) (dec.%)	1.02	7/1/2008
pH	7.77	7/1/2008
Bicarbonate as HCO ₃ (mg/L)	224	7/1/2008
Barium-Total (mg/L)	0.1	7/1/2008
Copper-Dissolved (mg/L)	0.01	7/1/2008
Lead-Total (mg/L)	0.003	7/1/2008
Chloride (mg/L)	11	7/1/2008
Polonium 210-Suspended (pCi/L)	0	7/1/2008
A/C Balance (± 5) (%)	7.13	7/1/2008
Mercury-Total (mg/L)	0.0001	7/1/2008
Alkalinity-Total as CaCO ₃ (mg/L)	184	7/1/2008
Lead-Dissolved (mg/L)	0.001	7/1/2008
Radium 226-Dissolved (pCi/L)	25.7	7/1/2008
Manganese-Dissolved (mg/L)	0.11	7/1/2008
Polonium 210-Dissolved (pCi/L)	0.6	7/1/2008
Ammonia (mg/L)	0.1	7/1/2008
Conductivity @ 25 C (umhos/cm)	1230	7/1/2008
Magnesium-Dissolved (mg/L)	29.9	7/1/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/1/2008
Boron-Dissolved (mg/L)	0.1	7/1/2008
Arsenic-Total (mg/L)	0.002	7/1/2008
Anions (meq/L)	13.6	7/1/2008
Cadmium-Total (mg/L)	0.005	7/1/2008
Copper-Total (mg/L)	0.01	7/1/2008
Mercury-Total (mg/L)	0.0002	7/1/2008
Manganese-Total (mg/L)	0.1	7/1/2008
Arsenic-Dissolved (mg/L)	0.001	7/1/2008
Water Temperature (field, deg C)	14.08	7/1/2008
Selenium-Total (mg/L)	0.002	7/1/2008
Zinc-Dissolved (mg/L)	0.01	7/1/2008
Uranium-Total (mg/L)	0.0042	7/1/2008
Potassium-Dissolved (mg/L)	10.7	7/1/2008
Radon 222-Total (pCi/L)	3380	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 687		
Analyte	Result	Date
Iron-Total (mg/L)	0.11	7/1/2008
Iron-Dissolved (mg/L)	0.03	7/1/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/1/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 691		
Analyte	Result	Date
Water Level (feet)	0.43	5/8/2008
Conductivity (field, umhos/cm)	5454	7/1/2008
Calcium-Dissolved (mg/L)	251	7/1/2008
Solids-Total Dissolved Calculated (mg/L)	1610	7/1/2008
Zinc-Total (mg/L)	0.01	7/1/2008
Aluminum-Dissolved (mg/L)	0.1	7/1/2008
Cadmium-Dissolved (mg/L)	0.005	7/1/2008
Thorium 230-Suspended (pCi/L)	0	7/1/2008
Lead-Total (mg/L)	0.035	7/1/2008
Uranium-Suspended (mg/L)	0.0003	7/1/2008
Thallium-Total (mg/L)	0.001	7/1/2008
Selenium-VI-Dissolved (mg/L)	0.001	7/1/2008
Anions (meq/L)	29.6	7/1/2008
Manganese-Dissolved (mg/L)	0.01	7/1/2008
Iron-Dissolved (mg/L)	0.03	7/1/2008
Oxidation-Reduction Potential (mV)	24	7/1/2008
Selenium-Total (mg/L)	0.003	7/1/2008
Lead-Dissolved (mg/L)	0.011	7/1/2008
pH (field)	12.67	7/1/2008
Potassium-Dissolved (mg/L)	16.7	7/1/2008
Radium 226-Suspended (pCi/L)	0.2	7/1/2008
Uranium-Dissolved (mg/L)	0.0003	7/1/2008
Cadmium-Total (mg/L)	0.005	7/1/2008
Strontium-Total (mg/L)	5.3	7/1/2008
A/C Balance (± 5) (%)	-0.59	7/1/2008
TDS Balance (0.80 - 1.20) (dec.%)	0.95	7/1/2008
Silver-Dissolved (mg/L)	0.005	7/1/2008
Beryllium-Total (mg/L)	0.001	7/1/2008
Ammonia (mg/L)	1.2	7/1/2008
Iron-Total (mg/L)	0.1	7/1/2008
Gross Gamma-Dissolved (pCi/L)	0	7/1/2008
Arsenic-Total (mg/L)	0.002	7/1/2008
Cations (meq/L)	29.3	7/1/2008
Alkalinity-Total as CaCO ₃ (mg/L)	1160	7/1/2008
Magnesium-Dissolved (mg/L)	0.5	7/1/2008
Nickel-Total (mg/L)	0.05	7/1/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/1/2008
Zinc-Dissolved (mg/L)	0.01	7/1/2008
Chromium-Total (mg/L)	0.05	7/1/2008
Arsenic-Dissolved (mg/L)	0.001	7/1/2008
Barium-Dissolved (mg/L)	0.5	7/1/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 691		
Analyte	Result	Date
Carbonate as CO ₃ (mg/L)	19	7/1/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/1/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	1500	7/1/2008
Manganese-Total (mg/L)	0.01	7/1/2008
Copper-Total (mg/L)	0.01	7/1/2008
Nickel-Dissolved (mg/L)	0.05	7/1/2008
Molybdenum-Dissolved (mg/L)	0.1	7/1/2008
Gross Beta-Dissolved (pCi/L)	15.4	7/1/2008
Chloride (mg/L)	113	7/1/2008
Mercury-Total (mg/L)	0.0002	7/1/2008
Thorium 230-Dissolved (pCi/L)	0	7/1/2008
Copper-Dissolved (mg/L)	0.01	7/1/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/1/2008
Radon 222-Total (pCi/L)	119	7/1/2008
Boron-Dissolved (mg/L)	0.1	7/1/2008
Conductivity @ 25 C (umhos/cm)	5360	7/1/2008
A/C Balance (□ 5) (%)	0.8	7/1/2008
Sodium-Dissolved (mg/L)	373	7/1/2008
Antimony-Total (mg/L)	0.003	7/1/2008
Uranium-Total (mg/L)	0.0003	7/1/2008
Mercury-Dissolved (mg/L)	0.001	7/1/2008
Molybdenum-Total (mg/L)	0.1	7/1/2008
Fluoride (mg/L)	0.3	7/1/2008
Chromium-Dissolved (mg/L)	0.05	7/1/2008
Silver-Total (mg/L)	0.005	7/1/2008
Bicarbonate as HCO ₃ (mg/L)	5	7/1/2008
Lead 210-Dissolved (pCi/L)	0.5	7/1/2008
Polonium 210-Suspended (pCi/L)	-0.1	7/1/2008
Vanadium-Dissolved (mg/L)	0.1	7/1/2008
Selenium-Dissolved (mg/L)	0.001	7/1/2008
Polonium 210-Dissolved (pCi/L)	-0.1	7/1/2008
Sulfate (mg/L)	159	7/1/2008
Gross Alpha-Dissolved (pCi/L)	2.9	7/1/2008
Boron-Total (mg/L)	0.1	7/1/2008
Barium-Total (mg/L)	0.5	7/1/2008
Lead 210-Suspended (pCi/L)	2.2	7/1/2008
Water Temperature (field, deg C)	12.93	7/1/2008
Turbidity (NTU)	1.1	7/1/2008
Sodium Adsorption Ratio (SAR) (meq/L)	6.5	7/1/2008
pH	12.4	7/1/2008
Thorium 232-Dissolved (mg/L)	0.005	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 691		
Analyte	Result	Date
Mercury-Total (mg/L)	0.0001	7/1/2008
Radium 226-Dissolved (pCi/L)	1.2	7/1/2008

TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 692		
Analyte	Result	Date
Water Level (feet)	-40.1	6/1/2008
Sodium Adsorption Ratio (SAR) (meq/L)	2	7/7/2008
Thorium 230-Dissolved (pCi/L)	0	7/7/2008
Radium 226-Dissolved (pCi/L)	484	7/7/2008
Iron-Dissolved (mg/L)	0.03	7/7/2008
Lead 210-Suspended (pCi/L)	125	7/7/2008
Thallium-Total (mg/L)	0.001	7/7/2008
Magnesium-Dissolved (mg/L)	46.5	7/7/2008
Nickel-Dissolved (mg/L)	0.05	7/7/2008
Bicarbonate as HCO ₃ (mg/L)	227	7/7/2008
Antimony-Total (mg/L)	0.003	7/7/2008
Solids-Total Dissolved Calculated (mg/L)	914	7/7/2008
Manganese-Dissolved (mg/L)	0.14	7/7/2008
Conductivity @ 25 C (umhos/cm)	1260	7/7/2008
Gross Beta-Dissolved (pCi/L)	447	7/7/2008
Iron-Total (mg/L)	7.24	7/7/2008
Mercury-Dissolved (mg/L)	0.001	7/7/2008
A/C Balance (± 5) (%)	4.52	7/7/2008
TDS Balance (0.80 - 1.20) (dec.%)	1.02	7/7/2008
Lead 210-Dissolved (pCi/L)	22.5	7/7/2008
Nitrogen, Nitrate as N (mg/L)	0.1	7/7/2008
pH	7.6	7/7/2008
Molybdenum-Total (mg/L)	0.1	7/7/2008
Copper-Dissolved (mg/L)	0.01	7/7/2008
Lead-Total (mg/L)	0.006	7/7/2008
Arsenic-Dissolved (mg/L)	0.002	7/7/2008
Selenium-Total (mg/L)	0.001	7/7/2008
Molybdenum-Dissolved (mg/L)	0.1	7/7/2008
Polonium 210-Suspended (pCi/L)	12	7/7/2008
Barium-Total (mg/L)	0.1	7/7/2008
Thorium 230-Suspended (pCi/L)	2.6	7/7/2008
Uranium-Dissolved (mg/L)	0.0135	7/7/2008
Selenium-IV-Dissolved (mg/L)	0.001	7/7/2008
Uranium-Suspended (mg/L)	0.0067	7/7/2008
Cadmium-Dissolved (mg/L)	0.005	7/7/2008
Chromium-Dissolved (mg/L)	0.05	7/7/2008
Radon 222-Total (pCi/L)	590000	7/7/2008
Gross Gamma-Dissolved (pCi/L)	2400	7/7/2008
Chloride (mg/L)	8	7/7/2008
Mercury-Total (mg/L)	0.0001	7/7/2008
Mercury-Total (mg/L)	0.0002	7/7/2008



TR_RAI Table 2.7-21 - Pump Test Well Sampling Data

Well 692		
Analyte	Result	Date
Barium-Dissolved (mg/L)	0.1	7/7/2008
Arsenic-Total (mg/L)	0.005	7/7/2008
Ammonia (mg/L)	0.2	7/7/2008
Boron-Dissolved (mg/L)	0.1	7/7/2008
Selenium-Dissolved (mg/L)	0.002	7/7/2008
Uranium-Total (mg/L)	0.0202	7/7/2008
Sodium-Dissolved (mg/L)	105	7/7/2008
Silica-Dissolved (mg/L)	4.8	7/7/2008
Boron-Total (mg/L)	0.1	7/7/2008
Zinc-Total (mg/L)	0.03	7/7/2008
Polonium 210-Dissolved (pCi/L)	3.5	7/7/2008
Calcium-Dissolved (mg/L)	131	7/7/2008
Copper-Total (mg/L)	0.01	7/7/2008
Aluminum-Dissolved (mg/L)	0.1	7/7/2008
Fluoride (mg/L)	0.4	7/7/2008
Zinc-Dissolved (mg/L)	0.01	7/7/2008
A/C Balance (□ 5) (%)	483	7/7/2008
Chromium-Total (mg/L)	0.05	7/7/2008
Silver-Dissolved (mg/L)	0.005	7/7/2008
Cadmium-Total (mg/L)	0.005	7/7/2008
Anions (meq/L)	14	7/7/2008
Solids-Total Dissolved TDS @ 180 C (mg/L)	940	7/7/2008
Alkalinity-Total as CaCO3 (mg/L)	186	7/7/2008
Manganese-Total (mg/L)	0.24	7/7/2008
Potassium-Dissolved (mg/L)	14.7	7/7/2008
Strontium-Total (mg/L)	3.2	7/7/2008
Nitrogen, Nitrite as N (mg/L)	0.1	7/7/2008
Radium 226-Suspended (pCi/L)	96.1	7/7/2008
Cations (meq/L)	15.4	7/7/2008
Carbonate as CO3 (mg/L)	5	7/7/2008
Gross Alpha-Dissolved (pCi/L)	1450	7/7/2008
Vanadium-Dissolved (mg/L)	0.1	7/7/2008
Thorium 232-Dissolved (mg/L)	0.005	7/7/2008
Silver-Total (mg/L)	0.005	7/7/2008
Selenium-VI-Dissolved (mg/L)	0.002	7/7/2008
Nickel-Total (mg/L)	0.05	7/7/2008
Beryllium-Total (mg/L)	0.001	7/7/2008
Oxidation-Reduction Potential (mV)	180	7/7/2008
Lead-Dissolved (mg/L)	0.001	7/7/2008