REDACTED VERSION

Notes:

[1] EPA Primary MCLs (PMCLs) are the highest level of a contaminant allowed in drinking water. PMCL's are enforceable standards.

[2] EPA does not enforce Secondary Maximum Contaminant Levels (SMCLs). They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

[3] SMCL analytes include: Aluminum, Copper (not shown, 1 mg/L) Iron, Manganese, Silver, Zinc, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids

EPA MCL - Combined Radium 226/228 of 5 pCi/L

NMWQCC - Combined Radium 226/228 of 30 pCi/L

FS - Field sample

DUP - Field Duplicate

NA - Not analyzed / Not applicable

NP - Not Published

mg/L - milligrams per Liter.

pCi/L - picocuries per Liter

B - The analyte detected in sample may be attributable to blank contamination

D- The concentration reported was determined in the re-analysis of the sample at a secondary dilution.

H - High bias

J - The identification of the analyte is acceptable; the reported value is an estimate

K - Unknown bias

L - Low bias

LT - Result is less than requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

Q - Detected below the quantitation limit

R - Quality control parameters indicate the data are unusable for all purposes

U - Analyte not detected

Value exceeds the minimum of the MCL or NMWQCC

Value exceeds the detection limit for specific sample analyte

Wet/General Chemistry results for BG-03, BG-04, and BG-05 are represented by 12/16/15 sampling results

Wet/General Chemistry results for N-5A are represented by 12/15/15 sampling results

90124972

Analyte	CAS.NO	Units	EPA National Primary[1] & Secondary[2] Drinking Water Standard MCL	New Mexico Water Quality Control Commission (NMWQCC)	Well ID	(b) (9) [redacted]	928	928	(b) (9) [redacted]	NKD-06	(b) (9) [redacted]	SAG-01	(b) (9) [redacted]
					Sample ID		MW-928-20150209	928-20160126-21		NKD-06-20160129-21		SAG-01-20160127-21	
					Date		2/9/2015	1/26/2016		1/29/2016		1/27/2016	
					Type		FS	FS		FS		FS	
					--		--	--		--		--	
Metals, Dissolved													
Aluminum[3]	7429-90-5	mg/L	NP	5	--		0.45 UJK	0.019 UJ		**0.57**		**45**	
Antimony	7440-36-0	mg/L	NP	NP	--		0.075 UJK	0.00023 U		**0.00066 JQK**		0.00023 UJ	
Arsenic	7440-38-2	mg/L	NP	0.1	--		0.036 UJK	0.00036 U		**0.0011 JQ**		**0.0044**	
Barium	7440-39-3	mg/L	NP	1	--		0.042 UJK	**0.0098 JK**		**0.34**		**0.25**	
Beryllium	7440-41-7	mg/L	NP	NP	--		0.0057 UJK	0.00014 U		0.00014 U		**0.0042**	
Boron	7440-42-8	mg/L	NP	0.75	--		**0.55 JQK**	NA		NA		NA	
Cadmium	7440-43-9	mg/L	NP	0.01	--		0.0067 UJ	0.00013 U		0.00013 U		**0.00028 JQ**	
Calcium	7440-70-2	mg/L	NP	NP	--		**100 JK**	**93**		**160**		**57**	
Chromium	7440-47-3	mg/L	NP	0.05	--		0.067 UJK	**0.00088 JQ**		**0.0022 JQ**		**0.022**	
Cobalt	7440-48-4	mg/L	NP	0.05	--		0.054 UJK	0.00021 U		0.00021 U		**0.0073**	
Copper[3]	7440-50-8	mg/L	NP	1	--		0.042 UJK	0.002 U		**0.0092 JQ**		**0.03**	
Iron[3]	7439-89-6	mg/L	NP	1	--		0.26 UJK	0.013 U		**0.036 JQ**		**15**	
Lead	7439-92-1	mg/L	NP	0.05	--		**0.028 JQK**	0.0002 U		**0.00047 JQ**		**0.035**	
Magnesium	7439-95-4	mg/L	NP	NP	--		**22 JK**	**20**		**0.08 JQ**		**12**	
Manganese[3]	7439-96-5	mg/L	NP	0.2	--		**0.13 JQK**	**0.24**		**0.0012 JQ**		**0.35**	
Mercury	7439-97-6	mg/L	NP	NP	--		0.00006 UJK	0.00006 U		0.00006 U		0.00006 U	
Molybdenum	7439-98-7	mg/L	NP	1	--		0.038 UJK	NA		NA		NA	
Nickel	7440-02-0	mg/L	NP	0.2	--		0.051 UJK	0.0023 U		**0.004 JQ**		**0.016 JQ**	
Phosphorus	7723-14-0	mg/L	NP	NP	--		0.28 UJK	NA		NA		NA	
Potassium	7440-09-7	mg/L	NP	NP	--		9.1 UJK	**3.4**		**93**		**6.7**	
Selenium	7782-49-2	mg/L	NP	0.05	--		0.042 UJK	**0.012 JK**		**0.0036 JQK**		**0.015 JK**	
Silicon	7440-21-3	mg/L	NP	NP	--		**6 JQK**	NA		NA		NA	
Silver[3]	7440-22-4	mg/L	NP	0.05	--		0.02 UJK	0.000041 UJ		0.000041 UJ		0.000041 UJ	
Sodium	7440-23-5	mg/L	NP	NP	--		**430 JK**	**420**		**700**		**470**	
Thallium	7440-28-0	mg/L	NP	NP	--		0.048 UJK	0.000034 UJ		0.000034 UJ		**0.00052 JK**	
Tin	7440-31-5	mg/L	NP	NP	--		0.1 UJK	NA		NA		NA	
Titanium	7440-32-6	mg/L	NP	NP	--		0.025 UJK	NA		NA		NA	
Uranium	7440-61-1	mg/L	NP	0.03	--		**0.064 JK**	**0.064**		**0.0011**		**0.044**	
Vanadium	7440-62-2	mg/L	NP	NP	--		0.088 UJK	**0.0018 JQ**		**0.002 JQ**		**0.035**	
Zinc[3]	7440-66-6	mg/L	NP	10	--		0.17 UJK	**0.069 JQK**		**0.19 JK**		**0.12 JK**	

Metals, Total														
Aluminum[3]	7429-90-5	mg/L	0.05	NP	--	(b) (9) [redacted]	0.45 U	0.019 UJ	(b) (9) [redacted]	**0.74**	(b) (9) [redacted]	**32**	(b) (9) [redacted]
Antimony	7440-36-0	mg/L	0.006	NP	--	[redacted]	0.075 U	0.00023 U	[redacted]	**0.002 JK**	[redacted]	0.00023 UJ	[redacted]
Arsenic	7440-38-2	mg/L	0.01	NP	--	[redacted]	0.036 U	**0.00041 JQ**	[redacted]	**0.0013 JQ**	[redacted]	**0.0056**	[redacted]
Barium	7440-39-3	mg/L	2	NP	--	[redacted]	0.042 U	**0.0099 JK**	[redacted]	**0.47**	[redacted]	**0.24**	[redacted]
Beryllium	7440-41-7	mg/L	0.004	NP	--	[redacted]	0.0057 U	0.00014 U	[redacted]	0.00014 U	[redacted]	**0.0039**	[redacted]
Boron	7440-42-8	mg/L	NP	NP	--	[redacted]	**0.52 JQ**	NA	[redacted]	NA	[redacted]	NA	[redacted]
Cadmium	7440-43-9	mg/L	0.005	NP	--	[redacted]	0.0067 U	0.00013 U	[redacted]	0.00013 U	[redacted]	**0.00024 JQ**	[redacted]
Calcium	7440-70-2	mg/L	NP	NP	--	[redacted]	**110**	**95**	[redacted]	**180**	[redacted]	**66**	[redacted]
Chromium	7440-47-3	mg/L	0.1	NP	--	[redacted]	0.067 U	**0.00085 JQ**	[redacted]	**0.0066 JQ**	[redacted]	**0.016**	[redacted]
Cobalt	7440-48-4	mg/L	NP	NP	--	[redacted]	0.054 U	0.00021 U	[redacted]	**0.00029 JQ**	[redacted]	**0.0059**	[redacted]
Copper[3]	7440-50-8	mg/L	1.3	NP	--	[redacted]	0.042 U	**0.011 JQH**	[redacted]	**0.012 JQ**	[redacted]	**0.056**	[redacted]
Iron[3]	7439-89-6	mg/L	0.3	NP	--	[redacted]	**6.2**	**0.39**	[redacted]	**0.45**	[redacted]	**9.9**	[redacted]
Lead	7439-92-1	mg/L	0.015	NP	--	[redacted]	**0.026 JQ**	**0.00022 JQ**	[redacted]	**0.00098 JQ**	[redacted]	**0.036**	[redacted]
Magnesium	7439-95-4	mg/L	NP	NP	--	[redacted]	**22**	**21**	[redacted]	**2.5**	[redacted]	**8.8**	[redacted]
Manganese[3]	7439-96-5	mg/L	0.05	NP	--	[redacted]	**3.6**	**0.62**	[redacted]	**0.027**	[redacted]	**0.4**	[redacted]
Mercury	7439-97-6	mg/L	0.002	0.002	--	[redacted]	0.00006 U	0.00006 U	[redacted]	0.00006 U	[redacted]	0.00006 U	[redacted]
Molybdenum	7439-98-7	mg/L	NP	NP	--	[redacted]	0.038 U	NA	[redacted]	NA	[redacted]	NA	[redacted]
Nickel	7440-02-0	mg/L	NP	NP	--	[redacted]	0.051 U	0.0023 U	[redacted]	**0.0058 JQ**	[redacted]	**0.016 JQ**	[redacted]
Phosphorus	7723-14-0	mg/L	NP	NP	--	[redacted]	0.28 U	NA	[redacted]	NA	[redacted]	NA	[redacted]
Potassium	7440-09-7	mg/L	NP	NP	--	[redacted]	9.1 U	**3.2**	[redacted]	**98**	[redacted]	**5.2**	[redacted]
Selenium	7782-49-2	mg/L	0.05	NP	--	[redacted]	0.042 U	**0.015 JK**	[redacted]	**0.00099 JQK**	[redacted]	**0.013 JK**	[redacted]
Silicon	7440-21-3	mg/L	NP	NP	--	[redacted]	**7.2 JQ**	NA	[redacted]	NA	[redacted]	NA	[redacted]
Silver[3]	7440-22-4	mg/L	0.1	NP	--	[redacted]	0.02 U	0.000041 UJ	[redacted]	0.000041 UJ	[redacted]	0.000041 UJ	[redacted]
Sodium	7440-23-5	mg/L	NP	NP	--	[redacted]	**420**	**460**	[redacted]	**730**	[redacted]	**470**	[redacted]
Thallium	7440-28-0	mg/L	0.002	NP	--	[redacted]	0.048 U	0.000034 UJ	[redacted]	**0.00004 JQK**	[redacted]	**0.00043 JK**	[redacted]
Tin	7440-31-5	mg/L	NP	NP	--	[redacted]	0.1 U	NA	[redacted]	NA	[redacted]	NA	[redacted]
Titanium	7440-32-6	mg/L	NP	NP	--	[redacted]	0.025 U	NA	[redacted]	NA	[redacted]	NA	[redacted]
Uranium	7440-61-1	mg/L	0.03	NP	--	[redacted]	**0.056**	**0.067**	[redacted]	**0.00022**	[redacted]	**0.043**	[redacted]
Vanadium	7440-62-2	mg/L	NP	NP	--	[redacted]	0.088 U	**0.0026 JQ**	[redacted]	**0.0023 JQ**	[redacted]	**0.028**	[redacted]
Zinc[3]	7440-66-6	mg/L	5	NP	--	[redacted]	0.17 U	**0.098 JQK**	[redacted]	**0.057 JQK**	[redacted]	**0.13 JK**	[redacted]

Radiological													
Adj Gross Alpha-elem	12587-46-1 ADJ	pCi/L	NP	NP	--	[redacted]	NA	**-0.16**	[redacted]	-1.35 U	[redacted]	**71.8**	[redacted]
Gross Alpha	12587-46-1	pCi/L	15	NP	--	[redacted]	**60.7 (+/- 13.5) G**	**45.4 (+/- 8.8)**	[redacted]	-1.2 (+/- 7.4) U	[redacted]	**101 (+/- 21)**	[redacted]
Gross Beta	12587-47-2	pCi/L	NP	NP	--	[redacted]	**4.76 (+/- 3.38) G**	**9.2 (+/- 4)**	[redacted]	**64 (+/- 17)**	[redacted]	**50 (+/- 16)**	[redacted]
Radium-226	13982-63-3	pCi/L	5	30	--	[redacted]	**2.42 (+/- 0.293)**	**0.79 (+/- 0.33)**	[redacted]	**0.83 (+/- 0.36)**	[redacted]	**1.43 (+/- 0.49)**	[redacted]
Radium-228	15262-20-1	pCi/L	5	30	--	[redacted]	**0.66 (+/- 0.266)**	0.36 (+/- 0.26) U	[redacted]	**0.91 (+/- 0.36)**	[redacted]	**1.47 (+/- 0.47)**	[redacted]
Thorium-227	15623-47-9	pCi/L	NP	NP	--	[redacted]	0.11 (+/- 0.114) U	NA	[redacted]	NA	[redacted]	NA	[redacted]
Thorium-228	14274-82-9	pCi/L	NP	NP	--	[redacted]	**0.51 (+/- 0.242)**	**0.071 (+/- 0.027)**	[redacted]	**0.028 (+/- 0.019)**	[redacted]	**1.38 (+/- 0.24)**	[redacted]
Thorium-230	14269-63-7	pCi/L	NP	NP	--	[redacted]	0.0944 (+/- 0.094) U	0.074 (+/- 0.052) U	[redacted]	0.074 (+/- 0.058) U	[redacted]	**1.62 (+/- 0.28)**	[redacted]
Thorium-232	7440-29-1	pCi/L	NP	NP	--	[redacted]	0.0205 (+/- 0.041) U	0.002 (+/- 0.01) U	[redacted]	0.03 (+/- 0.021) UB	[redacted]	**0.61 (+/- 0.12)**	[redacted]
Uranium-233/234	11-08-5	pCi/L	NP	NP	--	[redacted]	**25.9 (+/- 2.69)**	**31.2 (+/- 5.2)**	[redacted]	**0.131 (+/- 0.088)**	[redacted]	**26 (+/- 4.4)**	[redacted]
Uranium-235/236	15117-96-1	pCi/L	NP	NP	--	[redacted]	**0.556 (+/- 0.266)**	**1.1 (+/- 0.27)**	[redacted]	0.014 (+/- 0.041) U	[redacted]	**0.61 (+/- 0.19)**	[redacted]
Uranium-238	7440-61-1	pCi/L	NP	NP	--	[redacted]	**18.7 (+/- 2.07)**	**22.6 (+/- 3.8)**	[redacted]	-0.009 (+/- 0.041) U	[redacted]	**12.9 (+/- 2.2)**	[redacted]
Stable Isotopes						[redacted]			[redacted]		[redacted]		[redacted]
D 34s So42-	δ34SSO42-	‰	NP	NP	--	[redacted]	NA	**-26.6**	[redacted]	**-12.4**	[redacted]	**-15.7**	[redacted]
D13c Dic	δ13CDIC	‰	NP	NP	--	[redacted]	NA	**-7.5**	[redacted]	NA	[redacted]	**-8.5**	[redacted]
D18o H2o	δ18OH2O	‰	NP	NP	--	[redacted]	NA	**-8.89**	[redacted]	**-8.27**	[redacted]	**-9.14**	[redacted]
Dd H2o	δDH2O	‰	NP	NP	--	[redacted]	NA	**-70**	[redacted]	**-70.5**	[redacted]	**-70.7**	[redacted]
Wet/General Chemistry						[redacted]			[redacted]		[redacted]		[redacted]
Alkalinity, Total As Caco3	ALK	mg/L	NP	NP	--	[redacted]	**240**	**240 JK**	[redacted]	**3100**	[redacted]	**320**	[redacted]
Bicarbonate Alkalinity As Caco3	471-34-1	mg/L	NP	NP	--	[redacted]	**240**	**240 JK**	[redacted]	5 U	[redacted]	**200**	[redacted]
Bromide	24959-67-9	mg/L	NP	NP	--	[redacted]	**0.27**	**0.58 JQD**	[redacted]	**0.11 JQ**	[redacted]	**0.38 JQD**	[redacted]
Carbonate Alkalinity As Caco3	3812-32-6	mg/L	NP	NP	--	[redacted]	0.54 U	20 UJ	[redacted]	**90**	[redacted]	**120**	[redacted]
Chloride[3]	16887-00-6	mg/L	250	250	--	[redacted]	**54**	**51 D**	[redacted]	**15 JL**	[redacted]	**50 D**	[redacted]
Fluoride[3]	16984-48-8	mg/L	2	1.6	--	[redacted]	**0.24**	**0.48 JQD**	[redacted]	**0.25 JL**	[redacted]	**0.68 D**	[redacted]
Nitrate As N	14797-55-8	mg/L	10	10	--	[redacted]	**0.13 JK**	**0.41 JQD**	[redacted]	**0.97 JQ**	[redacted]	**0.44 JQD**	[redacted]
Nitrite As N	14797-65-0	mg/L	1	NP	--	[redacted]	0.06 UJL	0.5 UD	[redacted]	**0.41 JQ**	[redacted]	0.4 UD	[redacted]
Orthophosphate	14265-44-2	mg/L	NP	NP	--	[redacted]	0.078 UJL	2.5 UD	[redacted]	2.8 UB	[redacted]	2 UD	[redacted]
pH[3]	C-006	pH Units	>6.5 and <8.5	NP	--	[redacted]	**7.5 JK**	**7.84**	[redacted]	**12.43 JK**	[redacted]	**9.38 JK**	[redacted]
Sulfate[3]	14808-79-8	mg/L	250	600	--	[redacted]	**870**	**940 D**	[redacted]	**100**	[redacted]	**610 D**	[redacted]
Total Dissolved Solids[3]	TDS	mg/L	500	1000	--	[redacted]	**1600**	**1700**	[redacted]	**2600**	[redacted]	**2100**	[redacted]

Analyte	CAS.NO	Units	EPA National Primary[1] & Secondary[1] Drinking Water Standard MCL	New Mexico Water Quality Control Commission (NMWQCC)	Well ID	BG-03	BG-03	BG-03	BG-03	BG-04	BG-04	BG-04	BG-04	BG-05	BG-05	BG-05	BG-05	C-3	C-3	C-3	MW-35-8	MW-35-8	MW-35-9	MW-35-9	N-11	N-15	N-16	N-17	N-3A	N-3A	N-5A	N-5A
					Sample ID	BG03-20141114-21	BG03-20150717-21	BG-03-20151210-21	BG-03-20151216-21	BG04-20141114-21	BG04-20150717-21	BG-04-20151210-21	BG-04-20151216-21	BG05-20141114-21	BG05-20150717-21	BG-05-20151210-21	BG-05-20151216-21	C-3-20141117-21	C3-20150721-21	C-3-20151211-21	MW358-20141113-21	MW35-8-20151112-21	MW359-20141113-21	MW35-9-20151112-21	N-11-20151216-21	N-15-20151211-21	N-16-20151211-21	N-17-20151211-21	MWN3-20150127	N-3A-20151112-21	N-5A-20151210-21	N-5A-20151215-21
					Date	11/14/2014	7/17/2015	12/10/2015	12/16/2015	11/14/2014	7/17/2015	12/10/2015	12/16/2015	11/14/2014	7/17/2015	12/10/2015	12/16/2015	11/17/2014	7/21/2015	12/11/2015	11/13/2014	11/12/2015	11/13/2014	11/12/2015	12/16/2015	12/11/2015	12/11/2015	12/11/2015	1/27/2015	11/12/2015	12/10/2015	12/15/2015
					Type	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals, Dissolved																																
Aluminum[2]	7429-90-5	mg/L	NP	5	--	**5.1 JK**	**0.031 JKQ**	**0.028 JQH**	NA	**0.37 JKQ**	**3.9**	**0.33 JH**	NA	**0.7 JKQ**	**0.15 JK**	**0.022 JQH**	NA	0.22 UJK	**0.082 JK**	**0.66 JH**	0.22 UJK	**0.21 JH**	0.22 UJK	**0.13 JH**	0.019 UJ	0.019 UJ	0.019 UJ	**4.3 JH**	**0.23 JKQ**	0.022 UJB	**0.02 JQH**	NA
Antimony	7440-36-0	mg/L	NP	NP	--	0.037 UJK	0.00023 UJ	0.00023 UJ	NA	0.037 UJK	0.00023 UJ	0.00023 UJ	NA	0.037 UJK	0.00023 UJ	0.00023 UJ	NA	0.037 UJK	0.00023 UJ	0.00023 UJ	0.037 UJK	0.00023 UJ	0.037 UJK	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.037 UJK	0.00023 UJ	0.00023 UJ	NA
Arsenic	7440-38-2	mg/L	NP	0.1	--	0.018 UJK	**0.00071 JLQ**	**0.00084 JQH**	NA	0.018 UJK	**0.0013 JLQ**	**0.0012 JQH**	NA	0.018 UJK	**0.001 JL**	**0.0011 JQH**	NA	0.018 UJK	0.00036 UJ	**0.00083 JQH**	0.02 UJB	0.00056 UJB	0.024 UJB	0.00036 U	0.00036 U	**0.00045 JQH**	0.00036 U	**0.0079 JH**	0.018 UJK	0.00056 UJB	**0.00098 JQH**	NA
Barium	7440-39-3	mg/L	NP	1	--	**0.32 JKQ**	**0.32**	**0.29 JH**	NA	**0.17 JKQ**	**0.3**	**0.27 JH**	NA	**0.083 JKQ**	**0.092 JH**	**0.085 JH**	NA	**0.052 JKQ**	**0.03 JH**	**0.043 JH**	0.021 UJK	**0.0095 JH**	0.021 UJK	**0.01 JH**	**0.023 JH**	**0.014 JH**	**0.011 JH**	**0.054 JH**	**0.022 JKQ**	**0.0082 JH**	**0.028 JH**	NA
Beryllium	7440-41-7	mg/L	NP	NP	--	0.0028 UJK	0.00014 U	0.00014 U	NA	0.0028 UJK	0.00014 U	0.00014 U	NA	0.0028 UJK	0.00014 UJ	0.00014 U	NA	0.0028 UJK	0.00014 UJ	0.00014 U	0.0028 UJK	0.00014 U	0.0028 UJK	0.00014 U	0.00014 U	0.00014 U	0.00014 U	**0.0013**	0.0028 UJK	0.00014 U	0.00014 U	NA
Boron	7440-42-8	mg/L	NP	0.75	--	0.083 UJB	NA	NA	NA	0.072 UJK	NA	NA	NA	0.12 UJB	NA	NA	NA	0.21 UJB	NA	NA	0.32 UJB	NA	0.3 UJB	NA	NA	NA	NA	**0.48 JKQ**	NA	NA	NA	NA
Cadmium	7440-43-9	mg/L	NP	0.01	--	0.0034 UJK	0.00013 UJ	0.00013 UJ	NA	0.0034 UJK	0.00013 UJ	0.00013 UJ	NA	0.0034 UJK	0.00013 UJ	0.00013 UJ	NA	0.0034 UJK	0.00013 UJ	0.00013 U	0.0034 UJK	0.00013 UJ	0.0034 UJK	0.00013 U	0.00013 U	0.00013 U	0.00013 U	**0.00019 JQH**	0.0034 UJK	0.00013 UJ	0.00013 UJ	NA
Calcium	7440-70-2	mg/L	NP	NP	--	**58 JK**	**44**	**50 JH**	NA	**59 JK**	**58**	**66 JH**	NA	**56 JK**	**51 JK**	**61 JH**	NA	**390 JK**	**320 JK**	**390 JH**	**520 JK**	**460 JH**	**470 JK**	**490 JH**	**350 JH**	**420 JH**	**280 JH**	**190 JH**	**460 JK**	**400 JH**	**110 JH**	NA
Chromium	7440-47-3	mg/L	NP	0.05	--	0.034 UJK	0.00074 U	0.00074 U	NA	0.034 UJK	0.00074 UJ	**0.0009 JQH**	NA	0.034 UJK	0.00074 UJ	0.00074 U	NA	0.034 UJK	**0.0066 JKQ**	**0.017 JH**	0.034 UJK	**0.0017 JQH**	0.034 UJK	0.00074 U	0.00074 U	0.00074 U	0.00075 UB	**0.033 JH**	0.034 UJK	0.00074 U	0.00074 U	NA
Cobalt	7440-48-4	mg/L	NP	0.05	--	0.027 UJK	0.00021 U	0.00021 U	NA	0.027 UJK	0.00021 UJ	**0.00047 JQH**	NA	0.027 UJK	0.00021 UJ	0.00021 U	NA	0.027 UJK	**0.00083 JKQ**	**0.0017 JQH**	0.027 U	**0.00039 JQ**	0.027 UJK	**0.0013 JQ**	**0.00087 JQH**	**0.00039 JQH**	0.00021 U	**0.0066 JH**	0.027 UJK	0.00021 U	0.00021 U	NA
Copper[1]	7440-50-8	mg/L	NP	1	--	0.029 UJB	0.002 UJ	0.002 UJ	NA	0.021 UJK	0.002 UJ	0.002 UJ	NA	0.021 UJK	0.002 UJ	0.002 UJ	NA	0.021 UJK	0.002 UJ	**0.0023 JQK**	0.021 UJK	0.002 UJ	0.021 UJK	**0.0021 JQL**	**0.0035 JQK**	0.0046 U	0.002 UJ	**0.026 JH**	0.021 UJK	0.002 UJ	0.002 UJ	NA
Iron[1]	7439-89-6	mg/L	NP	1	--	**4.5 JK**	0.013 U	0.013 UJ	NA	**0.4 JKQ**	**0.31 JH**	**0.52 JH**	NA	**0.65 JKQ**	**0.13 JH**	0.017 UJB	NA	0.13 UJK	**0.098 JHQ**	**0.85 JH**	0.13 UJK	**0.21 JH**	**0.13 JQK**	**0.13 JH**	0.095 UJB	**1.2 JH**	**0.015 JQH**	**22 JH**	**0.29 JKQ**	0.021 UJB	0.027 UJB	NA
Lead	7439-92-1	mg/L	NP	0.05	--	0.017 UJB	0.0002 U	0.0002 UJ	NA	0.017 UJB	0.00028 UJB	0.0002 UJ	NA	0.015 UJB	0.0002 UJ	0.0002 UJ	NA	0.006 UJK	0.0007 UJ	**0.0013 JQH**	0.008 UJB	0.0002 UJ	0.006 UJK	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 U	**0.013 JH**	**0.009 JKQ**	0.0002 UJ	0.0002 UJ	NA
Magnesium	7439-95-4	mg/L	NP	NP	--	**8 JKQ**	**6.1**	**6.6**	NA	**6.9 JKQ**	**8.1**	**9.4**	NA	**11 JK**	**12 JH**	**13**	NA	**73 JK**	**64 JK**	**73 JK**	**130 JK**	**140 JH**	**220 JK**	**250 JH**	**48**	**69 JK**	**45 JK**	**37 JK**	**490 JK**	**510 JH**	**34**	NA
Manganese[1]	7439-96-5	mg/L	NP	0.2	--	**0.17 JK**	0.0018 UJB	**0.0023 JQH**	NA	**0.045 JKQ**	**0.032 JH**	**0.029 JH**	NA	**0.099 JKQ**	**0.017 JH**	**0.0076 JH**	NA	**1.1 JK**	**0.051 JH**	**0.17 JH**	**0.029 JQK**	**0.042 JH**	**0.11 JQK**	**0.19 JH**	**0.19 JH**	**0.68 JH**	**0.012 JH**	**0.61 JH**	**0.27 JK**	**0.0081 JH**	**0.013 JH**	NA
Mercury	7439-97-6	mg/L	NP	NP	--	0.00006 UJK	0.00006 U	0.00006 U	NA	0.00006 UJK	0.00006 U	0.00006 U	NA	0.00006 UJK	0.00006 U	0.00006 U	NA	0.00006 UJK	0.00006 U	0.00006 U	**0.00012 JQK**	0.00006 U	0.00006 UJK	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 UJK	0.00006 UJK	0.00006 U	NA
Molybdenum	7439-98-7	mg/L	NP	1	--	0.019 UJK	NA	NA	NA	0.019 UJK	NA	NA	NA	0.019 UJK	NA	NA	NA	0.019 UJK	NA	NA	0.019 UJK	NA	0.019 UJK	NA	NA	NA	NA	NA	0.019 UJK	NA	NA	NA
Nickel	7440-02-0	mg/L	NP	0.2	--	0.026 UJK	0.0023 U	0.0023 U	NA	0.026 UJK	**0.0057 JH**	0.0023 U	NA	0.026 UJK	0.003 UJB	**0.0031 JQH**	NA	0.026 UJK	**0.028 JK**	**0.016 JQH**	0.026 UJK	0.0023 UJ	0.026 UJK	0.0023 UJ	0.0023 U	0.0023 U	0.0023 U	**0.016 JQH**	0.026 UJK	0.0023 UJ	0.0023 U	NA
Phosphorus	7723-14-0	mg/L	NP	NP	--	0.14 UJK	NA	NA	NA	0.14 UJK	NA	NA	NA	0.14 UJK	NA	NA	NA	0.14 UJK	NA	NA	0.14 UJK	NA	0.14 UJK	NA	NA	NA	NA	NA	0.14 UJK	NA	NA	NA
Potassium	7440-09-7	mg/L	NP	NP	--	**4.9 JKQ**	**3.1**	**3.1 JH**	NA	4.6 UJK	**3**	**3 JH**	NA	4.6 UJK	**1.3 JK**	**1.2 JH**	NA	**13 JKQ**	**9.7 JK**	**11 JH**	4.6 UJK	0.65 UJB	**5.8 JQK**	**7.7**	**3.8 JH**	**7.7 JH**	**3.3 JH**	**2.4 JH**	**7.8 JKQ**	**4**	**5.1 JH**	NA
Selenium	7782-49-2	mg/L	NP	0.05	--	0.021 UJK	0.00053 UJB	**0.00078 JQK**	NA	0.021 UJK	**0.0012 JH**	**0.0009 JQK**	NA	0.021 UJK	**0.002**	**0.002 JQH**	NA	**0.31 JK**	**0.23**	**0.26 JK**	0.021 UJK	**0.006 JQL**	0.021 UJK	0.0029 UJB	**0.11 JH**	**0.31 JK**	**0.29 JK**	**0.31 JK**	**0.075 JKQ**	**0.094 JL**	**0.0041 JQH**	NA
Silicon	7440-21-3	mg/L	NP	NP	--	**29 JK**	NA	NA	NA	**17 JK**	NA	NA	NA	**14 JK**	NA	NA	NA	**7 JK**	NA	NA	**5.6 JK**	NA	**3.8 JQK**	NA	NA	NA	NA	NA	**5.6 JK**	NA	NA	NA
Silver[2]	7440-22-4	mg/L	NP	0.05	--	0.0099 UJK	0.00005 UJB	0.000041 U	NA	0.0099 UJK	**0.00012 JK**	0.000041 U	NA	0.0099 UJK	0.000041 UJ	0.00007 UB	NA	0.0099 UJK	0.00006 UJB	0.000041 U	0.0099 UJK	0.000041 UJ	0.0099 UJK	0.000041 UJ	0.000041 U	0.000041 U	0.000041 U	0.000041 U	0.0099 UJK	0.000041 UJ	**0.00007 JQH**	NA
Sodium	7440-23-5	mg/L	NP	NP	--	**21 JK**	**21**	**25**	NA	**22 JK**	**28**	**32**	NA	**110 JK**	**140 JK**	**160**	NA	**200 JK**	**230 JK**	**300 JH**	**250 JK**	**280**	**350 JK**	**420**	**340**	**320 JH**	**270 JH**	**360 JH**	**1900 JK**	**2200**	**250**	NA
Thallium	7440-28-0	mg/L	NP	NP	--	0.024 UJK	0.000034 UR	0.000034 UJ	NA	0.024 UJK	0.000034 UR	0.000034 UJ	NA	0.024 UJK	0.000034 UR	0.000034 UJ	NA	0.024 UJK	**0.00005 R**	**0.00009 JQK**	0.024 UJB	0.000034 UJ	0.028 UJB	0.000034 UJ	0.000034 UJ	0.000034 U	**0.00007 JQK**	**0.00009 JQK**	0.024 UJK	0.000034 U	**0.00004 JQL**	NA
Tin	7440-31-5	mg/L	NP	NP	--	0.05 UJK	NA	NA	NA	0.05 UJK	NA	NA	NA	0.05 UJK	NA	NA	NA	0.05 UJK	NA	NA	0.05 UJK	NA	0.05 UJK	NA	NA	NA	NA	NA	0.05 UJK	NA	NA	NA
Titanium	7440-32-6	mg/L	NP	NP	--	**0.059 JKQ**	NA	NA	NA	0.013 UJK	NA	NA	NA	**0.013 JKQ**	NA	NA	NA	**0.02 JKQ**	NA	NA	0.013 UJK	NA	**0.022 JQK**	NA	NA	NA	NA	NA	**0.022 JKQ**	NA	NA	NA
Uranium	7440-61-1	mg/L	NP	0.03	--	**0.0024 JQK**	**0.002**	**0.0021**	NA	**0.0038 JQK**	**0.0039**	**0.0045**	NA	**0.012 JK**	**0.012 J**	**0.015**	NA	**0.3 JK**	**0.12 JK**	**0.15 JK**	**0.016 JK**	**0.012**	**0.048 JK**	**0.049**	**0.038**	**0.3 JK**	**0.031 JK**	**0.11 JK**	**0.054 JK**	**0.027**	**0.25**	NA
Vanadium	7440-62-2	mg/L	NP	NP	--	0.044 UJK	**0.0018**	**0.0025 JQK**	NA	0.044 UJK	**0.0029**	**0.0032 JQK**	NA	0.044 UJK	**0.0025 JK**	**0.0033 JQK**	NA	0.044 UJK	0.00038 UJB	0.0014 UJB	0.044 UJK	0.0018 UJB	0.044 UJK	0.0017 UJB	**0.0015 JQH**	0.00033 UJB	0.0027 UJB	**0.035 JH**	0.062 UB	0.0018 UJB	**0.0016 JQK**	NA
Zinc[1]	7440-66-6	mg/L	NP	10	--	0.083 UJK	0.0071 UJ	0.0071 UJ	NA	0.083 UJK	0.0071 UJ	0.0071 UJ	NA	0.083 UJK	0.0071 UJ	0.0071 UJ	NA	0.083 UJK	0.0071 UJ	0.014 UJB	0.083 UJK	0.0071 UJ	0.083 UJK	0.0071 UJ	0.01 U	0.0071 UJ	0.016 UJB	**1.3 JH**	0.083 UJK	0.0071 UJ	0.0071 UJ	NA

Metals, Total[1]																															
Aluminum[4]	7429-90-5	mg/L	0.05	NP	--	3.7 JK	0.37 JH	0.18 JH	NA	2.5 JK	0.98 JH	0.66 JH	NA	1.2 JKQ	0.41 JK	0.1 JH	NA	0.56 JQ	4	60 JH	0.22 U	1.6 JH	0.41 JQ	0.86 JH	0.58 JH	0.057 JQH	0.6 JH	10 JH	0.74 JQ	0.99 JH	0.39 JH	NA
Antimony	7440-36-0	mg/L	0.006	NP	--	0.037 U	0.00023 UJ	0.00023 UJ	NA	0.037 U	0.00023 UJ	0.00023 UJ	NA	0.037 U	0.00023 UJ	0.00023 UJ	NA	0.037 U	0.00023 UJ	0.00041 JQH	0.037 U	0.00043 JQH	0.037 U	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.00023 UJ	0.00038 JQH	0.037 U	0.00024 JQH	0.00023 UJ	NA
Arsenic	7440-38-2	mg/L	0.01	NP	--	0.018 U	0.001 JQ	0.0009 JQH	NA	0.018 U	0.0013 JQ	0.0015 JQH	NA	0.018 U	0.0012 JL	0.0013 JQH	NA	0.018 U	0.0016 JLQ	0.03 JH	0.018 U	0.00076 UB	0.018 U	0.00098 UB	0.00073 JQH	0.00036 JQH	0.00073 JQH	0.0051 JH	0.018 U	0.00064 UB	0.00097 JQH	NA
Barium	7440-39-3	mg/L	2	NP	--	0.64	0.35	0.3 JH	NA	0.4 JQ	0.42	0.28 JH	NA	0.12 JQ	0.12	0.09 JH	NA	0.072 JQ	0.32	1.3 JH	0.021 U	0.019 JH	0.021 U	0.016 JH	0.028 JH	0.017 JH	0.023 JH	0.22 JH	0.024 JQ	0.03 JH	0.038 JH	NA
Beryllium	7440-41-7	mg/L	0.004	NP	--	0.0028 U	0.00014 U	0.00014 U	NA	0.0028 U	0.00025 JQ	0.00014 U	NA	0.0028 U	0.00014 UJ	0.00014 U	NA	0.0028 U	0.00048 JQ	0.0052	0.0028 U	0.00014 U	0.0028 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00069	0.0028 U	0.00014 U	0.00014 U	NA
Boron	7440-42-8	mg/L	NP	NP	--	0.072 U	NA	NA	NA	0.072 U	NA	NA	NA	0.1 UB	NA	NA	NA	0.19 UB	NA	NA	0.35 UB	NA	0.26 UB	NA	NA	NA	NA	NA	0.5	NA	NA	NA
Cadmium	7440-43-9	mg/L	0.005	NP	--	0.0034 U	0.00013 UJ	0.00013 UJ	NA	0.0034 U	0.00013 UJ	0.00013 UJ	NA	0.0034 U	0.00013 UJ	0.00013 UJ	NA	0.0034 U	0.00014 JKQ	0.00093 JQH	0.0034 U	0.00013 UJ	0.0034 U	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 U	0.0034 U	0.00013 UJ	0.00013 UJ	NA
Calcium	7440-70-2	mg/L	NP	NP	--	64 JH	46	53 JH	NA	73 JH	62	68 JH	NA	56 JH	55 JK	61 JH	NA	370	350	750 JH	550	490 JH	460	440 JH	310 JH	410 JH	310 JH	150 JH	470	400 JH	110 JH	NA
Chromium	7440-47-3	mg/L	0.1	NP	--	0.034 U	0.00076 JQ	0.001 JQH	NA	0.034 U	0.0013 JLQ	0.0016 JQH	NA	0.034 U	0.00074 UJ	0.00089 JQH	NA	0.66	0.29	4.5 JH	0.034 U	0.0049 JQH	0.034 U	0.0016 JQH	0.0038 JQH	0.00074 U	0.0017 UB	0.027 JH	0.05 JQ	0.0052 JQH	0.0024 JQH	NA
Cobalt	7440-48-4	mg/L	NP	NP	--	0.027 U	0.0005 JQ	0.00021 U	NA	0.027 U	0.0028	0.00062 JQH	NA	0.027 U	0.00072 JK	0.00021 U	NA	0.027 U	0.011	0.11 JH	0.027 UJK	0.00074 JQ	0.027 U	0.0023 JQ	0.0012 JQH	0.00052 JQH	0.00028 JQH	0.005 JH	0.027 U	0.00056 JQ	0.00051 JQH	NA
Copper[1]	7440-50-8	mg/L	1.3	NP	--	0.025 UB	0.002 UJ	0.0032 UJB	NA	0.036 UB	0.002 UJ	0.002 UJ	NA	0.021 U	0.002 UJ	0.002 UJ	NA	0.021 U	0.016 JL	0.28 JH	0.021 U	0.0034 JQL	0.028 UB	0.002 UJ	0.002 UJ	0.003 UJ	0.002 UJ	0.015 JQK	0.021 U	0.002 UJ	0.002 UJ	NA
Iron[4]	7439-89-6	mg/L	0.3	NP	--	5.1 JK	0.17 JH	0.24 JH	NA	3.9 JK	1.4 JH	0.98 JH	NA	1.5 JK	0.63 JH	0.14 JH	NA	3.3	6.1	99 JH	0.26 JQ	1.6 JH	0.46 JQ	0.83 JH	1.1 JH	1.4 JH	0.57 JH	15 JH	0.64 JQ	1.2 JH	0.99 JH	NA
Lead	7439-92-1	mg/L	0.015	NP	--	0.015 JHQ	0.00084	0.0002 UJ	NA	0.008 JHQ	0.0021	0.00051 JQK	NA	0.006 U	0.0011	0.0002 UJ	NA	0.006 U	0.0041	0.064 JH	0.012 UB	0.0012 UJB	0.016 UB	0.00053 UJB	0.0002 UJ	0.0002 U	0.0003 JQH	0.0067 JH	0.008 UB	0.00062 UJB	0.00057 JQK	NA
Magnesium	7439-95-4	mg/L	NP	NP	--	8.8 JQ	6.4	7.6	NA	10	8.4	9.3	NA	11	12 JK	13	NA	69	64	97 JK	160	150 JH	210	230 JH	42	67 JK	50 JK	39 JK	500	500 JH	33	NA
Manganese[4]	7439-96-5	mg/L	0.05	NP	--	0.58	0.036 JH	0.0078 JH	NA	0.48	0.3	0.05 JH	NA	0.16	0.088 JH	0.01 JH	NA	1	0.64	6.5 JH	0.043 JQ	0.085 JH	0.15	0.2 JH	0.19 JH	0.71 JH	0.027 JH	0.35 JH	0.28	0.061 JH	0.025 JH	NA
Mercury	7439-97-6	mg/L	0.002	0.002	--	0.00026 JK	0.00006 U	0.00006 U	NA	0.00033 JH	0.00006 U	0.00006 U	NA	0.00035 JH	0.00006 U	0.00006 U	NA	0.00006 U	0.00006 U	0.000077 JQ	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	NA
Molybdenum	7439-98-7	mg/L	NP	NP	--	0.019 U	NA	NA	NA	0.019 U	NA	NA	NA	0.019 U	NA	NA	NA	0.024 JQ	NA	NA	0.019 U	NA	0.019 U	NA	NA	NA	NA	NA	0.019 U	NA	NA	NA
Nickel	7440-02-0	mg/L	NP	NP	--	0.026 U	0.0023 U	0.0042 JQH	NA	0.026 U	0.0076 JH	0.0027 JQH	NA	0.026 U	0.0023 UJ	0.0042 JQH	NA	0.33 JQ	0.29	2.5 JH	0.026 U	0.0052 UJB	0.026 U	0.0023 UJ	0.0023 U	0.0023 U	0.0023 U	0.011 JQH	0.026 U	0.0023 UJ	0.0038 JQH	NA
Phosphorus	7723-14-0	mg/L	NP	NP	--	0.21 JQ	NA	NA	NA	0.28 JQ	NA	NA	NA	0.14 U	NA	NA	NA	0.14 U	NA	NA	0.14 U	NA	0.14 U	NA	NA	NA	NA	NA	0.14 U	NA	NA	NA
Potassium	7440-09-7	mg/L	NP	NP	--	4.6 UJK	2.9	3.8 JH	NA	4.6 UJK	3.1	3.3 JH	NA	4.5 UJK	1.2 JK	1.3 JH	NA	12 JQ	10	21 JH	4.6 U	1.1	6.2 JQ	7.2	3.3 JH	7.3 JH	3.8 JH	3.5 JH	8 JQ	3.9	5.4 JH	NA
Selenium	7782-49-2	mg/L	0.05	NP	--	0.021 U	0.00042 U	0.001 JQK	NA	0.023 JQ	0.0011 JH	0.00042 UJ	NA	0.021 U	0.0012 JH	0.0019 JQH	NA	0.29	0.21	0.28 JK	0.021 U	0.0078 JQL	0.021 U	0.0065 JQL	0.093 JH	0.31 JK	0.34 JK	0.34 JK	0.088 JQ	0.089 JL	0.0058 JQH	NA
Silicon	7440-21-3	mg/L	NP	NP	--	27 JK	NA	NA	NA	28 JK	NA	NA	NA	17 JK	NA	NA	NA	7.9 JH	NA	NA	6.9	NA	4.5	NA	NA	NA	NA	NA	7	NA	NA	NA
Silver[7]	7440-22-4	mg/L	0.1	NP	--	0.0099 U	0.000041 UJ	0.000041 U	NA	0.0099 U	0.000041 UJ	0.000041 U	NA	0.0099 U	0.000041 UJ	0.000041 U	NA	0.0099 U	0.000041 UJ	0.0003 JQH	0.0099 U	0.000041 UJ	0.0099 U	0.000041 UJ	0.000041 U	0.00005 JQH	0.000041 U	0.000041 U	0.0099 U	0.000041 UJ	0.000041 U	NA
Sodium	7440-23-5	mg/L	NP	NP	--	22	22	26	NA	31	28	33	NA	120	140 JK	160	NA	190	240	310 JH	270	290	330	380	290	310 JH	300 JH	360 JH	1900	2100	250	NA
Thallium	7440-28-0	mg/L	0.002	NP	--	0.027 UB	0.00006 R	0.000034 UJ	NA	0.03 UB	0.000034 UR	0.000034 UJ	NA	0.024 U	0.000034 UR	0.000034 UJ	NA	0.024 U	0.00014 R	0.0012 JK	0.024 U	0.00004 JQK	0.024 U	0.00005 JQK	0.000034 UJ	0.000034 UJ	0.000034 UJ	0.00011 JQK	0.024 U	0.00006 JQK	0.000034 UJ	NA
Tin	7440-31-5	mg/L	NP	NP	--	0.05 U	NA	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U	NA	NA	NA	NA	NA	0.05 U	NA	NA	NA
Titanium	7440-32-6	mg/L	NP	NP	--	0.013 U	NA	NA	NA	0.032 JQ	NA	NA	NA	0.013 U	NA	NA	NA	0.031 JQ	NA	NA	0.018 JQ	NA	0.018 JQ	NA	NA	NA	NA	NA	0.032 JQ	NA	NA	NA
Uranium	7440-61-1	mg/L	0.03	NP	--	0.0027 JQ	0.002	0.0024	NA	0.004 JQ	0.004	0.0047	NA	0.016	0.012	0.014	NA	0.11	0.12	0.18 JK	0.015	0.014	0.046	0.042	0.032	0.29 JK	0.034 JK	0.096 JK	0.039	0.027	0.25	NA
Vanadium	7440-62-2	mg/L	NP	NP	--	0.044 U	0.0028	0.003 JQK	NA	0.044 U	0.0049	0.0034 JQK	NA	0.044 U	0.0036 JK	0.0033 JQK	NA	0.044 U	0.0063	0.097 JH	0.044 U	0.0044 UJB	0.044 U	0.0029 UJB	0.0027 JQH	0.0044 UJB	0.0053 JH	0.026 JH	0.044 U	0.0035 UJB	0.0022 JQK	NA
Zinc[4]	7440-66-6	mg/L	5	NP	--	0.094 UB	0.0094 UJB	0.0071 UJ	NA	0.083 U	0.012 UJB	0.0071 UJ	NA	0.083 U	0.0071 UJ	0.0071 UJ	NA	0.083 U	0.017 UJB	0.22 JH	0.083 U	0.0071 UJ	0.083 U	0.0071 UJ	0.011 U	0.0087 UJB	0.015 UJB	0.32 JH	0.097 JQ	0.0071 UJ	0.0071 UJ	NA

Radiological																																	
Gross Alpha	12587-46-1	pCi/L	15	NP	--	**51 (+/- 14.8) G**	**3.2 (+/- 1.1)**	**2.7 (+/- 1.5)**	NA	**18.2 (+/- 5.93) G**	**5.4 (+/- 1.6)**	**3.6 (+/- 1.7)**	NA	**13.5 (+/- 4.66) G**	**14.6 (+/- 3)**	**11.8 (+/- 2.4)**	NA	**141 (+/- 26.7) G**	**95 (+/- 17)**	**223 (+/- 41)**	17.6 (+/- 12.7) U G	**20.4 (+/- 7.2)**	**49.6 (+/- 22.2) G**	**48 (+/- 12)**	**35.6 (+/- 7.4)**	**207 (+/- 35)**	**29 (+/- 6.2)**	**269 (+/- 49)**	52.9 (+/- 44.1) U G	11 (+/- 17) U	**142 (+/- 23)**	NA
Gross Beta	12587-47-2	pCi/L	NP	NP	--	**41.5 (+/- 7.7) G**	**4.9 (+/- 1.4)**	**7.8 (+/- 2.1)**	NA	**17.1 (+/- 3.33)**	**5.2 (+/- 1.7)**	**8.2 (+/- 2.1)**	NA	**4.36 (+/- 1.97)**	**7.8 (+/- 2)**	**4.8 (+/- 1.3)**	NA	**19.9 (+/- 7.03) G**	**50.1 (+/- 9.5)**	**210 (+/- 37)**	-1.35 (+/- 5.42) U G	**13.1 (+/- 6.7)**	12.1 (+/- 8.62) U G	**27.6 (+/- 8.5)**	**10.9 (+/- 4)**	**62 (+/- 11)**	**10.9 (+/- 4)**	**287 (+/- 49)**	3.48 (+/- 17.4) U G	19 (+/- 13) U	**47 (+/- 7.9)**	NA
Radium-226	13982-63-3	pCi/L	5	30	--	**1.96 (+/- 0.465)**	**0.53 (+/- 0.25)**	0.16 (+/- 0.14) U	NA	**2.14 (+/- 0.483)**	**0.47 (+/- 0.23)**	**0.31 (+/- 0.18)**	NA	**0.49 (+/- 0.273)**	**0.31 (+/- 0.18)**	0.2 (+/- 0.15) U	NA	**0.348 (+/- 0.141)**	**0.45 (+/- 0.21)**	**0.51 (+/- 0.25)**	**0.196 (+/- 0.111)**	0.24 (+/- 0.17) U	**0.306 (+/- 0.134)**	**0.59 (+/- 0.26)**	**0.3 (+/- 0.19)**	**0.49 (+/- 0.25)**	0.2 (+/- 0.16) U	**1.33 (+/- 0.47)**	**0.192 (+/- 0.0693)**	0.16 (+/- 0.15) U	**0.26 (+/- 0.17)**	NA
Radium-228	15262-20-1	pCi/L	5	30	--	**2.78 (+/- 0.729)**	**1.14 (+/- 0.45)**	0.68 (+/- 0.33) UB	NA	**2.84 (+/- 0.705)**	**1.14 (+/- 0.43)**	0.66 (+/- 0.32) UB	NA	0.77 (+/- 0.575) U	**0.72 (+/- 0.37)**	0.73 (+/- 0.34) UB	NA	**0.379 (+/- 0.232)**	0.44 (+/- 0.29) U	0.55 (+/- 0.34) U	0.0594 (+/- 0.182) U	0.19 (+/- 0.26) U	**0.382 (+/- 0.224)**	**0.57 (+/- 0.31)**	0.66 (+/- 0.38) U	**0.61 (+/- 0.32)**	0.27 (+/- 0.26) U	**0.69 (+/- 0.36)**	0.0725 (+/- 0.214) U	0.34 (+/- 0.28) U	0.57 (+/- 0.32) U	NA
Thorium-227	15623-47-9	pCi/L	NP	NP	--	0.632 (+/- 0.764) U G	NA	NA	NA	0.0953 (+/- 0.542) U G	NA	NA	NA	0.0605 (+/- 0.319) U	NA	NA	NA	0.0619 (+/- 0.0896) U	NA	NA	0.15 (+/- 0.322) U	NA	-0.00818 (+/- 0.235) U	NA	NA	NA	NA	NA	0.248 (+/- 0.212) U	NA	NA	NA
Thorium-228	14274-82-9	pCi/L	NP	NP	--	0.809 (+/- 0.934) U G	**0.132 (+/- 0.054)**	0.037 (+/- 0.044) U	NA	**1.4 (+/- 0.849)**	**0.154 (+/- 0.055)**	0.027 (+/- 0.035) U	NA	0.429 (+/- 0.474) U	**0.133 (+/- 0.081)**	0.029 (+/- 0.033) U	NA	0.134 (+/- 0.127) U	**1.69 (+/- 0.29)**	**1.47 (+/- 0.26)**	0.147 (+/- 0.36) U	**0.049 (+/- 0.033)**	**0.591 (+/- 0.433)**	**0.087 (+/- 0.035)**	**0.089 (+/- 0.044)**	0.036 (+/- 0.03) U	0.02 (+/- 0.036) U	**1.99 (+/- 0.33)**	0.207 (+/- 0.186) U	**0.07 (+/- 0.035)**	0.039 (+/- 0.041) U	NA
Thorium-230	14269-63-7	pCi/L	NP	NP	--	**1.35 (+/- 0.813)**	0.022 (+/- 0.046) U	0.082 (+/- 0.062) U	NA	**2.01 (+/- 0.892)**	0.01 (+/- 0.045) U	0.073 (+/- 0.05) U	NA	**1.85 (+/- 0.645)**	0.048 (+/- 0.063) U	0.03 (+/- 0.049) U	NA	**0.21 (+/- 0.155)**	**0.85 (+/- 0.16)**	**1.23 (+/- 0.22)**	**0.79 (+/- 0.401)**	0.004 (+/- 0.041) U	**1 (+/- 0.477)**	0.038 (+/- 0.044) U	**0.102 (+/- 0.056)**	0.021 (+/- 0.047) U	0.057 (+/- 0.052) U	**2.54 (+/- 0.42)**	**0.518 (+/- 0.242)**	0.05 (+/- 0.047) U	**0.198 (+/- 0.07)**	NA
Thorium-232	7440-29-1	pCi/L	NP	NP	--	**0.587 (+/- 0.525)**	**0.074 (+/- 0.03) JH**	0.014 (+/- 0.02) U	NA	0.111 (+/- 0.292) U	**0.133 (+/- 0.04)**	0.025 (+/- 0.037) UB	NA	**0.155 (+/- 0.18)**	0.08 (+/- 0.036) UB	0.007 (+/- 0.013) U	NA	0.00613 (+/- 0.0541) U	**0.56 (+/- 0.11)**	**0.54 (+/- 0.11)**	0.0949 (+/- 0.134) U	**0.037 (+/- 0.017)**	0.127 (+/- 0.175) U	**0.03 (+/- 0.017)**	**0.042 (+/- 0.022)**	0.006 (+/- 0.014) U	0.022 (+/- 0.015) UB	**0.64 (+/- 0.12)**	0.0825 (+/- 0.101) U	**0.047 (+/- 0.022)**	0.038 (+/- 0.022) UB	NA
Uranium-233/234	11-08-5	pCi/L	NP	NP	--	**1.91 (+/- 0.966)**	**1.37 (+/- 0.33)**	**1.34 (+/- 0.34)**	NA	**2.57 (+/- 1.14)**	**2.68 (+/- 0.56)**	**2.26 (+/- 0.48)**	NA	**6.71 (+/- 1.31)**	**7.9 (+/- 1.4)**	**8.3 (+/- 1.5)**	NA	**49.9 (+/- 4.83)**	**62 (+/- 10)**	**62 (+/- 10)**	**9.01 (+/- 1.58)**	**7.1 (+/- 1.3)**	**27.1 (+/- 3.32)**	**28.7 (+/- 4.7)**	**16.3 (+/- 2.8) JL**	**120 (+/- 20)**	**14.3 (+/- 2.5)**	**46.2 (+/- 7.5)**	**19.2 (+/- 2.25)**	**12.6 (+/- 2.2)**	**94 (+/- 16)**	NA
Uranium-235/236	15117-96-1	pCi/L	NP	NP	--	0.429 (+/- 0.119) U	**0.067 (+/- 0.055)**	0.058 (+/- 0.063) U	NA	0.141 (+/- 0.282) U	0.035 (+/- 0.052) U	0.042 (+/- 0.053) U	NA	**0.325 (+/- 0.292)**	**0.225 (+/- 0.099)**	**0.22 (+/- 0.11)**	NA	**1.61 (+/- 0.504)**	**2.77 (+/- 0.55)**	**2.99 (+/- 0.6)**	**0.265 (+/- 0.266)**	**0.3 (+/- 0.12)**	**1.54 (+/- 0.654)**	**0.98 (+/- 0.25)**	**0.6 (+/- 0.18) JL**	**4.22 (+/- 0.85)**	**0.57 (+/- 0.18)**	**2.14 (+/- 0.46)**	**0.865 (+/- 0.379)**	**0.44 (+/- 0.15)**	**4.43 (+/- 0.84)**	NA
Uranium-238	7440-61-1	pCi/L	NP	NP	--	**1.05 (+/- 0.743)**	**0.7 (+/- 0.2)**	**0.67 (+/- 0.21)**	NA	0.649 (+/- 0.622) U	**1.37 (+/- 0.34)**	**1.37 (+/- 0.33)**	NA	**4.51 (+/- 1.04)**	**4.01 (+/- 0.76)**	**4.52 (+/- 0.87)**	NA	**39 (+/- 3.91)**	**48.4 (+/- 8)**	**48.3 (+/- 8)**	**5.35 (+/- 1.16)**	**5.18 (+/- 0.95)**	**16.5 (+/- 2.34)**	**16 (+/- 2.7)**	**10.5 (+/- 1.8) JL**	**96 (+/- 16)**	**10.1 (+/- 1.8)**	**39.5 (+/- 6.6)**	**13.7 (+/- 1.75)**	**9.1 (+/- 1.6)**	**68 (+/- 11)**	NA
Stable Isotopes																																	
D 34s SO42-	δ34SSO42-	‰	NP	NP	--	NA	**4.6**	**4.8**	NA	NA	**3.5**	**3.3**	NA	NA	**3.9**	**3.7**	NA	NA	**-22**	**-23.9**	NA	**-8.9**	NA	**-11.9**	**-7.8**	**-21.9**	**-11.6**	**-13.6**	NA	**-15.3**	**-4.3**	NA
D13c Dic	δ13CDIC	‰	NP	NP	--	NA	**-13.1**	**-10.6**	NA	NA	**-12.2**	**-10.5**	NA	NA	**-10.2**	**-10.1**	NA	NA	**-8.9**	**-9.3**	NA	**-8.2**	NA	**-4.5**	**-3.2**	**-6.9**	**-4.6**	**-6**	NA	**-9**	**-8.5**	NA
D18o H2o	δ18OH2O	‰	NP	NP	--	NA	**-12.21**	**-12.22**	NA	NA	**-12.21**	**-12.1**	NA	NA	**-11.44**	**-11.47**	NA	NA	**-10.2**	**-10.37**	NA	**-9.93**	NA	**-9.38**	**-9.53**	**-9.76**	**-9.36**	**-8.94**	NA	**-10.19**	**-10.71**	NA
Dd H2o	δDH2O	‰	NP	NP	--	NA	**-87.6**	**-87.1**	NA	NA	**-87.2**	**-86.1**	NA	NA	**-83**	**-83.6**	NA	NA	**-79.9**	**-80.6**	NA	**-76.2**	NA	**-73.2**	**-75.3**	**-77**	**-73.8**	**-70.2**	NA	**-78.4**	**-79.2**	NA
Wet/General Chemistry																																	
Alkalinity, Total As Caco3	ALK	mg/L	NP	NP	--	**380**	**190**	**190 JK**	**190 JK**	**230**	**240**	**250 JK**	**250 JK**	**140**	**400**	**400 JK**	**400 JK**	**150**	**210 D**	**210 JK**	**160**	**220**	**200**	**200**	**140 JK**	**190 JK**	**170 JK**	**220 JK**	**280 B**	**280**	**340 JK**	**350**
Bicarbonate Alkalinity As Caco3	471-34-1	mg/L	NP	NP	--	**380**	**190**	**190 JK**	**190 JK**	**230**	**240**	**250 JK**	**250 JK**	**140**	**400**	**400 JK**	**400 JK**	**150**	**210 D**	**210 JK**	**160**	**220**	**200**	**200**	**140 JK**	**190 JK**	**170 JK**	**220 JK**	**280 B**	**280**	**340 JK**	**350**
Bromide	24959-67-9	mg/L	NP	NP	--	**0.13 JQ**	0.2 U	NA	0.2 U	**0.047 JQ**	**0.073 JQ**	NA	0.2 U	0.025 U	**0.12 JQ**	NA	0.4 U	**0.2 JQ**	**0.27 JQD**	1 U	**0.52**	1.6 U	**0.96**	2 U	**0.39 JQ**	**0.5 JQ**	**0.48 JQ**	**0.56 JQ**	**1.3**	10 U	NA	**0.34 JQ**
Carbonate Alkalinity As Caco3	3812-32-6	mg/L	NP	NP	--	1.1 U	20 U	20 UJ	20 UJ	1.1 U	20 U	20 UJ	20 UJ	1.1 U	20 U	20 UJ	20 UJ	1.1 U	20 U	20 UJ	1.1 U	20 U	1.1 U	20 U	20 UJ	20 UJ	20 UJ	20 UJ	0.54 U	20 U	20 UJ	20 U
Chloride[1]	16887-00-6	mg/L	250	250	--	**13**	**4.1**	NA	**4.5**	**11**	**8.3**	NA	**8.9**	**5**	**13**	NA	**13**	**88 JH**	**100 D**	**160**	**48**	**52**	**61**	**64**	**74**	**75**	**82**	**81**	**170**	**190**	NA	**24**
Fluoride[1]	16984-48-8	mg/L	2	1.6	--	**0.97**	**0.33**	NA	**0.31**	**0.34**	**0.31**	NA	**0.27**	**0.38**	**0.91**	NA	**0.87**	**0.24 JL**	**0.34 D**	**0.33 JQ**	**0.69**	**1**	**0.42**	**0.71 JQ**	**0.64**	**0.33 JQ**	**0.41 JQ**	**0.46 JQ**	0.02 U	**1.8 JQ**	NA	**0.83**
Nitrate As N	14797-55-8	mg/L	10	10	--	**0.059**	**0.11 JLQ**	NA	**0.08 JQ**	**0.028**	**0.12 JQ**	NA	**0.091 JQ**	**0.017 JQ**	**0.3**	NA	**0.18 JQ**	**4**	**4.9 D**	**4.9**	**4 JK**	**4.5**	**1.2 JK**	**1.5 JQ**	**6.7**	**12**	**12**	**4.4**	**39**	**39**	NA	**1.6**
Nitrite As N	14797-65-0	mg/L	1	NP	--	0.003 U	0.1 UJ	NA	0.1 U	0.003 U	0.1 U	NA	0.1 U	0.003 U	0.1 U	NA	0.2 U	**0.27 JKQ**	0.2 U	0.5 U	0.003 U	0.8 U	**0.61 JK**	**0.38 JQ**	0.5 U	0.5 U	0.5 U	0.5 U	0.006 U	5 U	NA	0.5 U
Orthophosphate	14265-44-2	mg/L	NP	NP	--	0.078 U	0.26 UJB	NA	**0.12 JQL**	0.078 U	0.45 UB	NA	**0.093 JQL**	0.078 U	0.27 UB	NA	1 UJ	0.078 UJL	1 U	2.5 UJ	0.078 U	4 U	0.078 U	5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	1.6 U	25 U	NA	2.5 UJB
pH[1]	C-006	pH Units	8.5	NP	--	**7.54 HF**	**7.35 JK**	**7.43 JK**	**7.24 JK**	**7.22 JK**	**7.44 JK**	**7.24 JK**	**7.34 JK**	**7.41 HF**	**7.79 JK**	**7.65 JK**	**7.72 JK**	**7.48 JK**	**7.65 JK**	**7.37 JK**	**7.24 JK**	**7.52 JK**	**7.2 JK**	**7.6 JK**	**7.02 JK**	**7.59 JK**	**7.95 JK**	**7.76 JK**	**7.42 JK**	**7.81 JK**	**7.52 JK**	**7.62 JK**
Sulfate[1]	14808-79-8	mg/L	250	600	--	**76**	**13**	NA	**12**	**22**	**22**	NA	**22**	**13**	**98**	NA	**97**	**1200 JH**	**1300 D**	**1800**	**2100**	**2100**	**2800**	**2900**	**1600**	**2200**	**1600**	**1200**	**6300**	**8300**	NA	**420**
Total Dissolved Solids[1]	TDS	mg/L	500	1000	--	**620**	**300**	**260**	**240**	**350**	**380**	**340**	**340**	**310**	**640**	**590**	**620**	**2200**	**2400 D**	**2400**	**3600**	**3500**	**4600**	**4600**	**2200**	**2900**	**2000**	**1600**	**10000**	**12000**	**1100**	**980**