Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
Summary of Data Qualification Anomalies for FGD and Ash Pond Samples

Sample Description/ Element	Method	Processing	Source Table RL (1)	Anal. DF (2)	RL (ppb) (3)	Est. MDL (ppb) (4)	J-Flag Data (ppb) (5)	Source Table J -Flag (6)	Comment
FGD Pond Influent Original Sample									
Ag	EPA 200.7	Total Recoverable	Missing				9.82 J		Biphasic but no RL given
Ag	EPA 1638	Total Recoverable	Missing				5.10 J		Biphasic but no RL given
Cd	EPA 200.7	Dissolved	4-5	1	5	1.6	0.991 J	A-1	Anomalous J-Flag (note 7)
Fe	EPA 200.7	Dissolved	4-5	1	100	32	17.9	A-1	Anomalous J-Flag (note 7)
FGD Pond Effluent Original Sample									
Cd	EPA 200.7	Total Recoverable	4-5	1	5	1.6	0.525 J	A-2	Anomalous J-Flag (note 7)
Cr	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.65 J	A-2	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Total Recoverable	4-5	1	10	3.2	2.98 J	A-2	Anomalous J-Flag (note 7)
Ti	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.48 J	A-2	Anomalous J-Flag (note 7)
Tl	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.45 J	A-2	Anomalous J-Flag (note 7)
Zn	EPA 200.7	Total Recoverable	4-5	1	10	3.2	0.335 J	A-2	Anomalous J-Flag (note 7)
Ag	EPA 1638	Total Recoverable	App. A-2	20	2	0.58	0.0449 J	A-2	Anomalous J-Flag (note 7)
Pb	EPA 1638	Total Recoverable	4-5	20	1.0	0.32	0.0828 J	A-2	Anomalous J-Flag (note 7)
Cd	EPA 200.7	Dissolved	4-5	1	5	1.6	.272 J	A-2	Anomalous J-Flag (note 7)
Cr	EPA 200.7	Dissolved	4-5	1	10	3.2	1.10 J	A-2	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Dissolved	4-5	1	10	3.2	2.43 J	A-2	Anomalous J-Flag (note 7)
Fe	EPA 200.7	Dissolved	4-5	1	100	32	21.1 J	A-2	Anomalous J-Flag (note 7)
Tl	EPA 200.7	Dissolved	4-5	1	10	3.2	1.61 J	A-2	Anomalous J-Flag (note 7)
Cu	EPA 1638	Dissolved	4-5	20	4	1.74	0.842 J	A-2	Anomalous J-Flag (note 7)
FGD Pond Effluent FDUP Sample									
Cd	EPA 200.7	Total Recoverable	4-5	1	5	1.6	0.479 J	A-5	Anomalous J-Flag (note 7)
Cr	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.54 J	A-5	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Total Recoverable	4-5	1	10	3.2	2.82 J	A-5	Anomalous J-Flag (note 7)
Ti	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.21 J	A-5	Anomalous J-Flag (note 7)
Tl	EPA 200.7	Total Recoverable	4-5	1	10	3.2	1.67 J	A-5	Anomalous J-Flag (note 7)
Zn	EPA 200.7	Total Recoverable	4-5	1	10	3.2	0.702 J	A-5	Anomalous J-Flag (note 7)
Pb	EPA 1638	Total Recoverable	4-5	20	1	0.32	0.129 J	A-5	Anomalous J-Flag (note 7)
Cd	EPA 200.7	Dissolved	4-5	1	5	1.6	0.292 J	A-5	Anomalous J-Flag (note 7)
Cr	EPA 200.7	Dissolved	4-5	1	10	3.2	1.01 J	A-5	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Dissolved	4-5	1	10	3.2	2.12 J	A-5	Anomalous J-Flag (note 7)
Fe	EPA 200.7	Dissolved	4-5	1	100	32	19.7 J	A-5	Anomalous J-Flag (note 7)

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
Summary of Data Qualification Anomalies for FGD and Ash Pond Samples

Sample Description/ Element	Method	Processing	Source Table RL (1)	Anal. DF (2)	RL (ppb) (3)	Est. MDL (ppb) (4)	J-Flag Data (ppb) (5)	Source Table J -Flag (6)	Comment
Tl	EPA 200.7	Dissolved	4-5	1	10	3.2	1.61 J	A-5	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	App. A-2	20	2	0.58	0.0372 J	A-5	Anomalous J-Flag (note 7)
Cu	EPA 1638	Dissolved	4-5	20	4	1.7	1.05 J	A-5	Anomalous J-Flag (note 7)
Ash Pond Influent Original Sample									
Ag	EPA 200.7	Total Recoverable					9.82 J		Biphasic but no RL given
Sb	EPA 200.7	Total Recoverable	4-7	Biphasic	38	12	6.15 J	A-3	Anomalous J-Flag (note 7)
Cd	EPA 1638	Total Recoverable	4-7	200	20	6.3	3.19 J	A-3	Anomalous J-Flag (note 7)
Ni	EPA 1638	Total Recoverable	4-7	200	200	63	25.6 J	A-3	Anomalous J-Flag (note 7)
Cr	EPA 200.7	Dissolved	4-7	1	10	3.2	3.09 J	A-3	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Dissolved	4-7	1	10	3.2	0.233 J	A-3	Anomalous J-Flag (note 7)
Fe	EPA 200.7	Dissolved	4-7	1	100	32	0.731 J	A-3	Anomalous J-Flag (note 7)
Mn	EPA 200.7	Dissolved	4-7	1	15	4.7	2.07 J	A-3	Anomalous J-Flag (note 7)
Ni	EPA 200.7	Dissolved	4-7	1	50	16	0.220 J	A-3	Anomalous J-Flag (note 7)
Cd	EPA 1638	Dissolved	4-7	20	2	0.5	0.136 J	A-3	Anomalous J-Flag (note 7)
Cu	EPA 1638	Dissolved	4-7	20	4	1.7	0.623 J	A-3	Anomalous J-Flag (note 7)
Ash Pond Effluent Original Sample									
Cu	EPA 200.7	Total Recoverable	4-7	1	10	3.2	1.58 J	A-4	Anomalous J-Flag (note 7)
Ni	EPA 200.7	Total Recoverable	4-7	1	50	16	0.865 J	A-4	Anomalous J-Flag (note 7)
Pb	EPA 200.7	Total Recoverable	4-7	1	50	16	0.575 J	A-4	Anomalous J-Flag (note 7)
Sb	EPA 200.7	Total Recoverable	4-7	1	20	6.3	3.40 J	A-4	Anomalous J-Flag (note 7)
Tl	EPA 200.7	Total Recoverable	4-7	1	10	3.2	0.806 J	A-4	Anomalous J-Flag (note 7)
Zn	EPA 200.7	Total Recoverable	4-7	1	10	3.2	1.20 J	A-4	Anomalous J-Flag (note 7)
Ag	EPA 1638	Total Recoverable	Missing	5	0.5	0.16	0.0252 J	A-4	Anomalous J-Flag (note 7)
Cu	EPA 200.7	Dissolved	4-7	1	10	3.2	0.795 J	A-4	Anomalous J-Flag (note 7)
Mn	EPA 200.7	Dissolved	4-7	1	15	4.7	2.84 J	A-4	Anomalous J-Flag (note 7)
Ni	EPA 200.7	Dissolved	4-7	1	50	16	0.384 J	A-4	Anomalous J-Flag (note 7)
Pb	EPA 200.7	Dissolved	4-7	1	50	16	0.263 J	A-4	Anomalous J-Flag (note 7)
Sb	EPA 200.7	Dissolved	4-7	1	20	6.3	3.30 J	A-4	Anomalous J-Flag (note 7)
Tl	EPA 200.7	Dissolved	4-7	1	10	3.2	0.270 J	A-4	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	Missing	5	0.5	0.16	0.0132 J	A-4	Anomalous J-Flag (note 7)

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
Summary of Data Qualification Anomalies for FGD and Ash Pond Samples

Sample Description/ Element	Method	Processing	Source Table RL (1)	Anal. DF (2)	RL (ppb) (3)	Est. MDL (ppb) (4)	J-Flag Data (ppb) (5)	Source Table J -Flag (6)	Comment
FGD Pond Influent Field Blank									
B	EPA 200.7	Total Recoverable	NA	1	100	32	14.1 J	A-7	Anomalous J-Flag (note 7)
Ca	EPA 200.7	Total Recoverable	NA	1	50	16	9.62 J	A-7	Anomalous J-Flag (note 7)
Mg	EPA 200.7	Total Recoverable	NA	1	200	63	7.11 J	A-7	Anomalous J-Flag (note 7)
Mn	EPA 200.7	Total Recoverable	NA	1	15	4.7	0.0374 J	A-7	Anomalous J-Flag (note 7)
Mo	EPA 200.7	Total Recoverable	NA	1	10	3.2	0.457 J	A-7	Anomalous J-Flag (note 7)
Na	EPA 200.7	Total Recoverable	NA	1	500	158	20 J	A-7	Anomalous J-Flag (note 7)
Zn	EPA 200.7	Total Recoverable	NA	1	10	3.2	0.0163 J	A-7	Anomalous J-Flag (note 7)
Cu	EPA 1638	Total Recoverable	NA	1	0.2	0.087	0.0055 J	A-7	Anomalous J-Flag (note 7)
Pb	EPA 1638	Total Recoverable	NA	1	0.05	0.015	0.0022 J	A-7	Anomalous J-Flag (note 7)
As	EPA 200.7	Dissolved	NA	1	10	3.2	0.307 J	A-7	Anomalous J-Flag (note 7)
B	EPA 200.7	Dissolved	NA	1	100	32	14.3 J	A-7	Anomalous J-Flag (note 7)
Pb	EPA 200.7	Dissolved	NA	1	50	15.8	0.307 J	A-7	Anomalous J-Flag (note 7)
Mo	EPA 200.7	Dissolved	NA	1	10	3.2	0.312 J	A-7	Anomalous J-Flag (note 7)
Na	EPA 200.7	Dissolved	NA	1	500	158	18.4 J	A-7	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	NA	1	0.10	0.029	0.0027 J	A-7	Anomalous J-Flag (note 7)
Cd	EPA 1638	Dissolved	NA	1	0.10	0.025	0.0012 J	A-7	Anomalous J-Flag (note 7)
Pb	EPA 1638	Dissolved	NA	1	0.050	0.015	0.0013 J	A-7	Anomalous J-Flag (note 7)
Tl	EPA 1638	Dissolved	NA	1	0.020	0.0079	0.0006 J	A-7	Anomalous J-Flag (note 7)
FGD Pond Effluent Field Blank									
Ag	EPA 200.7	Total Recoverable	NA	1	0.1	0.029	0.0025 J	A-8	Anomalous J-Flag (note 7)
B	EPA 200.7	Total Recoverable	NA	1	100	32	9.01 J	A-8	Anomalous J-Flag (note 7)
B	EPA 200.7	Dissolved	NA	1	100	32	9.23 J	A-8	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	NA	1	0.10	0.029	0.0029 J	A-8	Anomalous J-Flag (note 7)
Pb	EPA 1638	Total Recoverable	NA	1	0.050	0.015	0.0054 J	A-8	Anomalous J-Flag (note 7)
Tl	EPA 1638	Total Recoverable	NA	1	0.020	0.0079	0.0004 J	A-8	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	NA	1	0.10	0.029	0.0025 J	A-8	Anomalous J-Flag (note 7)
Cd	EPA 1638	Dissolved	NA	1	0.10	0.025	0.0023 J	A-8	Anomalous J-Flag (note 7)
Se	EPA 1638	Dissolved	NA	1	1.00	0.45	0.0358 J	A-8	Anomalous J-Flag (note 7)
Tl	EPA 1638	Dissolved	NA	1	0.020	0.0079	0.0006 J	A-8	Anomalous J-Flag (note 7)

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
Summary of Data Qualification Anomalies for FGD and Ash Pond Samples

Sample Description/ Element	Method	Processing	Source Table RL (1)	Anal. DF (2)	RL (ppb) (3)	Est. MDL (ppb) (4)	J-Flag Data (ppb) (5)	Source Table J -Flag (6)	Comment
Ash Pond Influent Field Blank									
Cu	EPA 1638	Total Recoverable	NA	1	0.2	0.087	0.0067 J	A-9	Anomalous J-Flag (note 7)
Tl	EPA 1638	Total Recoverable	NA	1	0.020	0.0079	0.0004 J	A-9	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	NA	1	0.10	0.029	0.0028 J	A-9	Anomalous J-Flag (note 7)
Cd	EPA 1638	Dissolved	NA	1	0.10	0.025	0.0011 J	A-9	Anomalous J-Flag (note 7)
Cu	EPA 1638	Dissolved	NA	1	0.2	0.087	0.0619 J	A-9	Anomalous J-Flag (note 7)
Pb	EPA 1638	Dissolved	NA	1	0.050	0.015	0.0015 J	A-9	Anomalous J-Flag (note 7)
Se	EPA 1638	Dissolved	NA	1	1.00	0.45	0.0271 J	A-9	Anomalous J-Flag (note 7)
Ash Pond Effluent Field Blank									
Ag	EPA 1638	Total Recoverable	NA	1	0.10	0.029	0.0024 J	A-10	Anomalous J-Flag (note 7)
Cu	EPA 1638	Total Recoverable	NA	1	0.2	0.087	0.0301 J	A-10	Anomalous J-Flag (note 7)
Pb	EPA 1638	Total Recoverable	NA	1	0.050	0.015	0.0191 J	A-10	Anomalous J-Flag (note 7)
Tl	EPA 1638	Total Recoverable	NA	1	0.020	0.0079	0.0007 J	A-10	Anomalous J-Flag (note 7)
Ag	EPA 1638	Dissolved	NA	1	0.10	0.029	0.0023 J	A-10	Anomalous J-Flag (note 7)
Cd	EPA 1638	Dissolved	NA	1	0.10	0.025	0.0021 J	A-10	Anomalous J-Flag (note 7)
Cu	EPA 1638	Dissolved	NA	1	0.2	0.087	0.0234 J	A-10	Anomalous J-Flag (note 7)
Tl	EPA 1638	Dissolved	NA	1	0.020	0.0079	0.0005 J	A-10	Anomalous J-Flag (note 7)
Notes:									
1. Data table(s) from the text of the Sampling Episode Report (SER) from which the RL data in this row was found									
2. Dilution factor (DF) from original sample at which sample was analyzed for metals or mercury (Hg) determination. The actual analytical DF was not given in the SER. This value is calculated by dividing the RL given in the table by the undiluted RL for the appropriate method (see separate worksheets for EPA 200.7 and EPA 1638 MDL/RL data for EPA analytical laboratories).									
3. Reporting limit (RL) also referred to as minimum level (ML) from the data table indicated in the SER. The element/sample specific RL is calculated by multiplying the undiluted sample method RL times the analytical DF. The element/sample specific RL was taken from the SER data table indicated. Also see separate worksheets for EPA 200.7 and EPA 1638 undiluted (DF=1) MDL/RL data for EPA analytical laboratories.									
4. Method detection limit (MDL) either estimated [i.e. (RL/sqrt(10))] or taken from the EPA method document. See separate worksheets for EPA 200.7 and EPA 1638 undiluted (DF=1) MDL/RL data for EPA analytical laboratories.									
5. The J-Flagged qualified data given in the source table indicated									
6. Data table(s) from either the text of the SER or the Appendix to the SER from which the J-Flag data point in the row was found.									
7. J-Flag value given is less than the sample specific, analytical DF adjusted MDL. Consequently, the data point should have been U-Flagged not J-Flagged.									

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
EPA Method 200.7 (Prochem) Undiluted MDLs and RLs

Element	RL (ppb) (1)	MDL (ppb) (2)
		3.16
EPA Method 200.7 (Prochem)		
Aluminum	50	15.8
Antimony	20	6.3
Arsenic	10	3.2
Barium	2	0.63
Beryllium	5	1.6
Boron	100	31.6
Cadmium	5	1.6
Calcium	50	15.8
Chromium	10	3.2
Cobalt	50	15.8
Copper	10	3.2
Iron	100	31.6
Lead	50	15.8
Magnesium	200	63.2
Manganese	15	4.7
Mercury	0.2	0.06
Molybdenum	10	3.2
Nickel	50	15.8
Selenium	5	1.6
Silver	20	6.3
Sodium	500	158
Thallium	10	3.2
Tin	30	9.5
Titanium	10	3.2
Vanadium	20	6.3
Yttrium	5	1.6
Zinc	10	3.2
Notes:		
1. EPA 200.7 (Prochem) Reporting Limit (RL) in micrograms per liter (parts per billion, ppb) also referred to as minimum level (ML) the EPA Site Episode Report (SER) The EPA 200.7 RLs were taken from the SER field blank analytical data tables (A-7 and A-8) and based on the assumption that the field blanks were analyzed at a dilution factor of 1.		
2. EPA 200.7 (Prochem) Method Detection Limit (MDL) in micrograms per liter (parts per billion, ppb). The MDLs given here are estimated using the standard practice of dividing the RL by the square root of 10 (i.e. ~ 3.16).		

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)
EPA Method 1638 (Battelle) Undiluted MDLs and RLs

Element	RL (ppb) (1)	MDL (ppb) (2)	Estimated MDL (ppb) (3)
			3.16
EPA Method 1638 (Battelle)			
Antimony	0.02	0.0097	0.0063
Arsenic	0.15	Not in Method	0.0474
Cadmium	0.10	0.025	0.0316
Chromium	0.80	Not in Method	0.253
Copper	0.20	0.087	0.0632
Lead	0.050	0.015	0.0158
Mercury	0.0005	0.0002	0.000158
Nickel	1.00	0.33	0.316
Selenium	1.00	0.45	0.316
Silver	0.10	0.029	0.0316
Thallium	0.020	0.0079	0.0063
Zinc	0.50	0.14	0.158
Notes:			

1. EPA 1638 (Battelle) Reporting Limit (RL) in micrograms per liter (parts per billion, ppb) also referred to as minimum level (ML) in the EPA Site Episode Report (SER). The EPA 1638 RLs were taken from the SER field blank analytical data tables (A-7 and A-8) and based on the assumption that the field blanks were analyzed at a dilution factor of 1. The EPA 1638 RLs given here are also consistent with those given in the EPA 1638 method document published in 1996.
2. The EPA 1638 method detection limits (MDL) given here are from the EPA 1638 method document published in 1996.
3. EPA 1638 (Battelle) estimated Method Detection Limit (MDL, in micrograms per liter= parts per billion, ppb) given here are estimated using the standard practice of dividing the RL by the square root of 10 (i.e. ~ 3.16).

Appendix A to TVA Comments on
EPA Sampling Episode Report for Widows Creek Facility (Episode 6549)

Routine Metals – Total				
Aluminum	200.7	UG/L	ND(50.0)	U
Antimony	200.7	UG/L	ND(20.0)	U
Arsenic	200.7	UG/L	ND(10.0)	U
Barium	200.7	UG/L	ND(2.00)	U
Beryllium	200.7	UG/L	ND(5.00)	U
Boron	200.7	UG/L	9.01	J
Cadmium	200.7	UG/L	ND(5.00)	U
Calcium	200.7	UG/L	ND(50.0)	U
Chromium	200.7	UG/L	ND(10.0)	U
Cobalt	200.7	UG/L	ND(50.0)	U
Copper	200.7	UG/L	ND(10.0)	U
Iron	200.7	UG/L	ND(100)	U
Lead	200.7	UG/L	ND(50.0)	U
Magnesium	200.7	UG/L	ND(200)	U
Manganese	200.7	UG/L	ND(15.0)	U
Mercury	245.1	UG/L	ND(0.200)	U
Molybdenum	200.7	UG/L	ND(10.0)	U
Nickel	200.7	UG/L	ND(50.0)	U
Selenium	200.7	UG/L	ND(5.00)	U
Silver	200.7	UG/L	0.0025	J
Sodium	200.7	UG/L	ND(500)	U
Thallium	200.7	UG/L	ND(10.0)	U
Tin	200.7	UG/L	ND(30.0)	U
Titanium	200.7	UG/L	ND(10.0)	U
Vanadium	200.7	UG/L	ND(20.0)	U
Yttrium	200.7	UG/L	ND(5.00)	U
Zinc	200.7	UG/L	ND(10.0)	U

Aluminum	50
Antimony	20
Arsenic	10
Barium	2
Beryllium	5
Boron	100
Cadmium	5
Calcium	50
Chromium	10
Cobalt	50
Copper	10
Iron	100
Lead	50
Magnesium	200
Manganese	15
Mercury	0.2
Molybdenum	10
Nickel	50
Selenium	5
Silver	20
Sodium	500
Thallium	10
Tin	30
Titanium	10
Vanadium	20
Yttrium	5
Zinc	10

Aluminum	ND(50.0)
Antimony	ND(20.0)
Arsenic	ND(10.0)
Barium	ND(2.00)
Beryllium	ND(5.00)
Boron	9.23
Cadmium	ND(5.00)
Calcium	ND(50.0)
Chromium	ND(10.0)
Cobalt	ND(50.0)
Copper	ND(10.0)
Iron	ND(100)
Lead	ND(50.0)
Magnesium	ND(200)
Manganese	ND(15.0)
Mercury	ND(0.200)
Molybdenum	ND(10.0)
Nickel	ND(50.0)
Selenium	ND(5.00)
Silver	ND(20.0)
Sodium	ND(500)
Thallium	ND(10.0)
Tin	ND(30.0)
Titanium	ND(10.0)
Vanadium	ND(20.0)
Yttrium	ND(5.00)
Zinc	ND(10.0)

Aluminum	200.7	UG/L	ND (50.0)
Antimony	200.7	UG/L	ND (20.0)
Arsenic	200.7	UG/L	0.312
Barium	200.7	UG/L	ND (2.00)
Beryllium	200.7	UG/L	ND (5.00)
Boron	200.7	UG/L	ND (100)
Cadmium	200.7	UG/L	ND (5.00)
Calcium	200.7	UG/L	ND (50.0)
Chromium	200.7	UG/L	ND (10.0)
Cobalt	200.7	UG/L	ND (50.0)
Copper	200.7	UG/L	0.0234
Iron	200.7	UG/L	ND (100)
Lead	200.7	UG/L	ND (50.0)
Magnesium	200.7	UG/L	ND (200)
Manganese	200.7	UG/L	ND (15.0)
Mercury	245.1	UG/L	0.019
Molybdenum	200.7	UG/L	ND (10.0)
Nickel	200.7	UG/L	ND (50.0)
Selenium	200.7	UG/L	ND (5.00)
Silver	200.7	UG/L	0.035
Sodium	200.7	UG/L	ND (500)
Thallium	200.7	UG/L	ND (10.0)
Tin	200.7	UG/L	ND (30.0)
Titanium	200.7	UG/L	ND (10.0)
Vanadium	200.7	UG/L	ND (20.0)
Yttrium	200.7	UG/L	ND (5.00)
Zinc	200.7	UG/L	0.464

Routine Metals – Dissolved				
Aluminum	200.7	UG/L	ND(50.0)	U
Antimony	200.7	UG/L	ND(20.0)	U
Arsenic	200.7	UG/L	ND(10.0)	U
Barium	200.7	UG/L	ND(2.00)	U
Beryllium	200.7	UG/L	ND(5.00)	U
Boron	200.7	UG/L	9.23	J
Cadmium	200.7	UG/L	ND(5.00)	U
Calcium	200.7	UG/L	ND(50.0)	U
Chromium	200.7	UG/L	ND(10.0)	U
Hexavalent	D1687-92	UG/L	ND(2.00)	U
Cobalt	200.7	UG/L	ND(50.0)	U
Copper	200.7	UG/L	ND(10.0)	U
Iron	200.7	UG/L	ND(100)	U
Lead	200.7	UG/L	ND(50.0)	U
Magnesium	200.7	UG/L	ND(200)	U
Manganese	200.7	UG/L	ND(15.0)	U
Mercury	245.1	UG/L	ND(0.200)	U
Molybdenu	200.7	UG/L	ND(10.0)	U
Nickel	200.7	UG/L	ND(50.0)	U
Selenium	200.7	UG/L	ND(5.00)	U
Silver	200.7	UG/L	ND(20.0)	U
Sodium	200.7	UG/L	ND(500)	U
Thallium	200.7	UG/L	ND(10.0)	U
Tin	200.7	UG/L	ND(30.0)	U
Titanium	200.7	UG/L	ND(10.0)	U
Vanadium	200.7	UG/L	ND(20.0)	U
Yttrium	200.7	UG/L	ND(5.00)	U
Zinc	200.7	UG/L	ND(10.0)	U