Current Conditions Supplemental Information

Prepared by Thompson Aquatic Consulting*

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1 Preamble

2 Sediment - Athabasca River

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Conventional Variables	Acid Neutralization Potential as %CaCO3	%	all sites	0.0	3	n < 10	ATR-ER	Unknown
Conventional Variables	Grain size, clay (<2 um)	%	all sites	6.9	29	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	Unknown
Conventional Variables	Grain size, sand (>=63 um to 2000 um)	%	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	Unknown
Conventional Variables	Grain size, silt (>=2 to 63 um)	%	all sites	13.8	29	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	10042, Unknown
Conventional Variables	Inorganic carbon	%	all sites	0.0	3	n < 10	ATR-ER	50303
Conventional Variables	Loss on Ignition @ 375 C	%	all sites	30.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA0062	Unknown

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA0800	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3008	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3009	Unknown
Conventional Variables	Moisture content	%	single	0.0	2	n < 10	AB07DA3015	Unknown
Conventional Variables	Moisture content	%	single	0.0	2	n < 10	AB07DA3016	Unknown
Conventional Variables	Moisture content	%	single	0.0	2	n < 10	AB07DA3017	Unknown
Conventional Variables	Moisture content	%	single	0.0	2	n < 10	AB07DA3018	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3020	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3021	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3022	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3023	Unknown
Conventional Variables	Moisture content	%	single	0.0	4	n < 10	AB07DA3024	Unknown
Conventional Variables	Moisture content	%	single	0.0	6	n < 10	ATR-ER	Unknown
Conventional Variables	Organic Matter	%	all sites	26.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Conventional Variables	Organic carbon	%	all sites	33.3	3	n < 10	ATR-ER	6078
Conventional Variables	Total carbon	%	all sites	0.0	3	n < 10	ATR-ER	6075
Extractable Metals	Methylmercury(1+), Extractable	ng/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5008
General Organics	BTEX, Total	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Benzene	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C10-C16 Hydrocarbons	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C10H16O2	%	all sites	53.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5753
General Organics	C10H18O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5754
General Organics	C10H20O2	%	all sites	30.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5755
General Organics	C11H14O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5756
General Organics	C11H16O2	%	all sites	76.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5757

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C11H18O2	%	all sites	30.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5758
General Organics	C11H20O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5759
General Organics	C11H22O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5760
General Organics	C12H16O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5761
General Organics	C12H18O2	%	all sites	61.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5762

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C12H20O2	%	all sites	34.6	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5763
General Organics	C12H22O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5764
General Organics	C12H24O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5765
General Organics	C13H16O2	%	all sites	69.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5766
General Organics	C13H18O2	%	all sites	61.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5767

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C13H20O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5767
General Organics	C13H22O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5769
General Organics	C13H24O2	%	all sites	19.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5770
General Organics	C13H26O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5771
General Organics	C14H16O2	%	all sites	100.0	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5772

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C14H18O2	%	all sites	57.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5773
General Organics	C14H20O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5774
General Organics	C14H22O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5775
General Organics	C14H24O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5776
General Organics	C14H26O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5777
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA0062	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA0800	5778

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3008	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3009	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3015	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3016	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3017	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3018	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3020	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3021	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3022	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3023	5778
General Organics	C14H28O2	%	single	0.0	2	n < 10	AB07DA3024	5778
General Organics	C15H14O2	%	all sites	76.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5779
General Organics	C15H16O2	%	all sites	65.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5780
General Organics	C15H18O2	%	all sites	76.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5781

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C15H20O2	%	all sites	30.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5782
General Organics	C15H22O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5783
General Organics	C15H24O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5784
General Organics	C15H26O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5785
General Organics	C15H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5786

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C15H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5787
General Organics	C16-C34 Hydrocarbons	ug/g	all sites	33.3	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C16H14O2	%	all sites	61.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5788
General Organics	C16H16O2	%	all sites	96.2	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5789
General Organics	C16H18O2	%	all sites	53.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5790
General Organics	C16H20O2	%	all sites	30.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5791

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C16H22O2	%	all sites	19.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5792
General Organics	C16H24O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5793
General Organics	C16H26O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5794
General Organics	C16H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5795
General Organics	C16H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5796

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C16H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5797
General Organics	C17H18O2	%	all sites	69.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5798
General Organics	C17H20O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5799
General Organics	C17H22O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5800
General Organics	C17H24O2	%	all sites	11.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5801

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C17H26O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5802
General Organics	C17H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5803
General Organics	C17H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5804
General Organics	C17H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5805
General Organics	C17H34O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5806

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C18H20O2	%	all sites	34.6	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5807
General Organics	C18H22O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5808
General Organics	C18H24O2	%	all sites	42.3	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5809
General Organics	C18H26O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5810
General Organics	C18H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5811

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C18H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5812
General Organics	C18H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5813
General Organics	C18H34O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5814
General Organics	C18H36O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5815
General Organics	C19H20O2	%	all sites	53.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5816

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C19H22O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5817
General Organics	C19H24O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5818
General Organics	C19H26O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5819
General Organics	C19H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5820
General Organics	C19H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5821

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C19H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5822
General Organics	C19H34O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5823
General Organics	C19H36O2	%	all sites	46.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5824
General Organics	C19H38O2	%	all sites	50.0	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5825
General Organics	C20H22O2	%	all sites	46.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5826

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C20H24O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5827
General Organics	C20H26O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5828
General Organics	C20H28O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5829
General Organics	C20H30O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5830
General Organics	C20H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5831

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C20H34O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5832
General Organics	C20H36O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5833
General Organics	C20H38O2	%	all sites	46.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5834
General Organics	C20H40O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5835
General Organics	C21H24O2	%	all sites	34.6	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5836

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C21H26O2	%	all sites	57.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5837
General Organics	C21H28O2	%	all sites	42.3	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5838
General Organics	C21H30O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5839
General Organics	C21H32O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5840
General Organics	C21H34O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5841

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C21H36O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5842
General Organics	C21H38O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5843
General Organics	C21H40O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5844
General Organics	C21H42O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5845
General Organics	C22H32O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5846

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C22H34O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5847
General Organics	C22H36O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5848
General Organics	C22H38O2	%	all sites	19.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5849
General Organics	C22H40O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5850
General Organics	C22H42O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5851

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C22H44O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5852
General Organics	C23H32O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5853
General Organics	C23H34O2	%	all sites	26.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5854
General Organics	C23H36O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5855
General Organics	C23H38O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5856

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C23H40O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5857
General Organics	C23H42O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5858
General Organics	C23H44O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5859
General Organics	C23H46O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5860
General Organics	C24H36O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5861

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C24H38O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5862
General Organics	C24H40O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5863
General Organics	C24H42O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5864
General Organics	C24H44O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5865
General Organics	C24H46O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5866

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C24H48O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5867
General Organics	C25H38O2	%	all sites	57.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5868
General Organics	C25H40O2	%	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5869
General Organics	C25H42O2	%	all sites	19.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5870
General Organics	C25H44O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5871

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C25H46O2	%	all sites	3.8	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5872
General Organics	C25H48O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5873
General Organics	C25H50O2	%	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5874
General Organics	C34-C50 Hydrocarbons	ug/g	all sites	0.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C5H10O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5875
General Organics	C6H12O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5876

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C7H12O2	%	all sites	34.6	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5877
General Organics	C7H14O2	%	all sites	38.5	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5878
General Organics	C8H14O2	%	all sites	26.9	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5879
General Organics	C8H16O2	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5880
General Organics	C9H14O2	%	all sites	65.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5881

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
General Organics	C9H16O2	%	all sites	34.6	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5882
General Organics	C9H18O2	%	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5883
General Organics	Ethylbenzene	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Hydrocarbons	ug/g	all sites	0.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Naphthenic acids	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	5752
General Organics	Toluene	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Total xylenes	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	m,p-Xylene	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	o-Xylene	ug/g	all sites	100.0	3	n < 10	ATR-ER	CCME CWS-PHC Dec-2000 - Pub# 1310

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Nutrients and BOD	Ammonium, Available as N	ng/g	all sites	7.7	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	109037
Nutrients and BOD	Kjeldahl nitrogen, Total	%	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	109071
PAHs	1,2,6-Trimethylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1550
PAHs	1,2-Dimethylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1523
PAHs	1,4,6,7-Tetramethylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1527
PAHs	1,6,7-Trimethylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1525

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	1,7-Dimethylfluorene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1568
PAHs	1,7-Dimethylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1547
PAHs	1,8-Dimethylphenanthrene	ng/g	all sites	0.0	12	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1548
PAHs	1-Methylchrysene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1584
PAHs	1-Methylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1519
PAHs	1-Methylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1541
PAHs	2,3,6-Trimethylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1524

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	2,4-Dimethyldibenzothiop	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1521
PAHs	2,6-Dimethylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1546
PAHs	2,6-Dimethylphenanthren	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1572
PAHs	2-Methylanthracene	ng/g	all sites	0.0	11	quantile type 6	AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023	1539
PAHs	2-Methyldibenzothiophe Methyldibenzothiophe	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1574
PAHs	2-Methylfluorene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1532
PAHs	2-Methylnaphthalene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1518
PAHs	2-Methylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1538

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	3,6-Dimethylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1545
PAHs	3-Methylfluoranthene/Benzo[a]fluorene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1578
PAHs	3-Methylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1537
PAHs	4,6-Dimethyldibenzothiophene	ng/g	all sites	0.0	9	n < 10	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
PAHs	5,9-Dimethylchrysene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1583
PAHs	5-Methylchrysene/6-Methylchrysene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1586
PAHs	7-Methylbenzo[a]pyrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1590

(continued)

Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	9-Methylphenanthrene/4-Methylphenanthrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1540
PAHs	Acenaphthene	ng/g	all sites	5.0	20	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1531
PAHs	Acenaphthylene	ng/g	all sites	100.0	7	n < 10	AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, ATR-ER	1530
PAHs	Anthracene	ng/g	all sites	10.0	20	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1535
PAHs	Benz[a]anthracene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1554, Unknown
PAHs	Benzo(b)fluoranthene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1556
PAHs	Benzo(j+k)fluoranthene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1557

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	Benzo[a]pyrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1559
PAHs	Benzo[b,j,k]fluoranthene	ng/g	all sites	0.0	3	n < 10	ATR-ER	MLA021
PAHs	Benzo[e]pyrene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1558
PAHs	Benzo[ghi]perylene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1563
PAHs	Biphenyl	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1529
PAHs	C1-Acenaphthenes	ng/g	all sites	0.0	17	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
PAHs	C1-Benzo[a]anthracenes/c	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1582
PAHs	C1-Benzofluoranthenes/benzopyrenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1589, MLA021

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	C1-Biphenyls	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	MLA021, Unknown
PAHs	C1-Dibenzothiophenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1571
PAHs	C1-Fluoranthenes/pyrene:	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1577
PAHs	C1-Fluorenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1567
PAHs	C1-Naphthalenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1520
PAHs	C1-Phenanthrenes/anthracenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1542
PAHs	C2-Benzo[a]anthracenes/c	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1585

(continued)

Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	C2-Benzofluoranthenes/benzopyrenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1591
PAHs	C2-Biphenyls	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	MLA021, Unknown
PAHs	C2-Dibenzothiophenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1573
PAHs	C2-Fluoranthenes/pyrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1579
PAHs	C2-Fluorenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1569
PAHs	C2-Naphthalenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1522

(continued)

Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
PAHs	C2-Phenanthrenes/anthracenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1549
PAHs	C3-Benzo[a]anthracenes/c	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1587
PAHs	C3-Dibenzothiophenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1575
PAHs	C3-Fluoranthenes/pyrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1580
PAHs	C3-Fluorenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1570
PAHs	C3-Naphthalenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1526
PAHs	C3-Phenanthrenes/anthracenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1551

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	C4-Benzo[a]anthracenes/c	ng/g	all sites	0.0	16	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1588
PAHs	C4-Dibenzothiophenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1576
PAHs	C4-Fluoranthenes/pyrene:	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1581
PAHs	C4-Naphthalenes	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1528
PAHs	C4-Phenanthrenes/anthra	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1553
PAHs	Chrysene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1555
PAHs	Dibenz[a,h]anthracene	ng/g	all sites	5.0	20	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1561

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	Dibenzothiophene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1536
PAHs	Fluoranthene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1543
PAHs	Fluorene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1533
PAHs	Indeno[1,2,3-cd]pyrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1562
PAHs	Naphthalene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1517
PAHs	Perylene	ng/g	all sites	0.0	18	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1560
PAHs	Phenanthrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1534

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	Pyrene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1544
PAHs	Retene	ng/g	all sites	0.0	21	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	1552
Phenolics	Phenols, Extractable	ng/g	all sites	92.3	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Total Metals	Aluminum	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103475, 200.2/6020A
Total Metals	Antimony	ug/g	all sites	19.2	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103501

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Arsenic	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103476, 200.2/6020A
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA0062	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA0800	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3008	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3009	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3015	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3016	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3017	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3018	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3020	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3021	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3022	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3023	103478
Total Metals	Barium	ug/g	single	0.0	2	n < 10	AB07DA3024	103478
Total Metals	Barium	ug/g	single	0.0	3	n < 10	ATR-ER	200.2/6020A
Total Metals	Beryllium	ug/g	all sites	23.1	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103479
Total Metals	Bismuth	ug/g	all sites	84.6	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103480
Total Metals	Boron	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103477

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Cadmium	ug/g	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103482
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA0062	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA0800	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3008	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3009	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3015	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3016	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3017	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3018	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3020	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3021	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3022	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3023	Unknown
Total Metals	Calcium	ug/g	single	0.0	2	n < 10	AB07DA3024	Unknown
Total Metals	Chromium	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103485, 200.2/6020A
Total Metals	Cobalt	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103484, 200.2/6020A
Total Metals	Copper	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103486, 200.2/6020A

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Total Metals	Iron	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103487, 200.2/6020A
Total Metals	Lead	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103498, 200.2/6020A
Total Metals	Lithium	ug/g	all sites	31.0	29	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103489, 200.2/6020A
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA0062	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA0800	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3008	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3009	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3015	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3016	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3017	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3018	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3020	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3021	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3022	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3023	Unknown
Total Metals	Magnesium	ug/g	single	0.0	2	n < 10	AB07DA3024	Unknown
Total Metals	Magnesium	ug/g	single	0.0	3	n < 10	ATR-ER	200.2/6020A

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Manganese	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103491, 200.2/6020A
Total Metals	Mercury	ug/g	all sites	96.2	52	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	1620, 2092
Total Metals	Molybdenum	ug/g	all sites	3.4	29	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103492, 200.2/245.1
Total Metals	Nickel	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103494, 200.2/6020A
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA0062	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA0800	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3008	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3009	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3015	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3016	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3017	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3018	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3020	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3021	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3022	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3023	Unknown
Total Metals	Phosphorus	ug/g	single	0.0	2	n < 10	AB07DA3024	Unknown

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Potassium	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Total Metals	Silver	ug/g	all sites	50.0	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103474
Total Metals	Sodium	ug/g	all sites	80.8	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Total Metals	Strontium	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103505, 200.2/6020A
Total Metals	Thallium	ug/g	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103508

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Thorium	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103506
Total Metals	Tin	ug/g	all sites	15.4	26	robust ROS	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103504
Total Metals	Titanium	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	103507
Total Metals	Tungsten	ug/g	all sites	100.0	26	censored > 80%	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown
Total Metals	Uranium	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103509, 200.2/6020A

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Grouping	Parameter	Unit	Grouping	Annual Cen %	Annual Obs	Annual Approach	Sites	Method Identifiers
Total Metals	Vanadium	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103510, 200.2/6020A
Total Metals	Zinc	ug/g	all sites	0.0	29	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024, ATR-ER	103511, 200.2/6020A
Total Metals	Zirconium	ug/g	all sites	0.0	26	quantile type 6	AB07DA0062, AB07DA0800, AB07DA3008, AB07DA3009, AB07DA3015, AB07DA3016, AB07DA3017, AB07DA3018, AB07DA3020, AB07DA3021, AB07DA3022, AB07DA3023, AB07DA3024	Unknown

3 Sediment - Athabasca River Delta

				Annual				
Grouping	Parameter	Unit	Grouping	Cen %	Obs	Approach	Sites	Method Identifiers
Conventional Variables	Acid Neutralization Potential as %CaCO3	%	all sites	0.0	33	quantile type 6	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	Unknown
Conventional Variables	Grain size, clay (<2 um)	%	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	Unknown
Conventional Variables	Grain size, sand (>=63 um to 2000 um)	%	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	Unknown
Conventional Variables	Grain size, silt (>=2 to 63 um)	%	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	10042
Conventional Variables	Inorganic carbon	%	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	50303
Conventional Variables	Moisture content	%	all sites	0.0	93	quantile type 6	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	Unknown
Conventional Variables	Organic carbon	%	all sites	1.9	53	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	6078
Conventional Variables	Total carbon	%	all sites	1.9	54	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	6075
General Organics	AEP Total recoverable hydrocarbons	ug/g	all sites	0.0	12	quantile type 6	ARD-1, BPC-1, FLB-1, FLC-1, GIC-1	Unknown
General Organics	BTEX, Total	ug/g	all sites	50.0	2	n < 10	BPC-1, FLC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Benzene	ug/g	all sites	100.0	42	censored > 80%	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C10-C16 Hydrocarbons	ug/g	all sites	68.4	19	robust ROS	ATR-OF, BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C11-C30 AEP Total extractable hydrocarbons	ug/g	all sites	0.0	11	quantile type 6	BPC-1, FLB-1, FLC-1, GIC-1	Unknown
General Organics	C16-C34 Hydrocarbons	ug/g	all sites	2.3	43	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
General Organics	C34-C50 Hydrocarbons	ug/g	all sites	2.3	44	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	C5-C10 AEP Total volatile hydrocarbons	ug/g	all sites	72.7	11	robust ROS	BPC-1, FLB-1, FLC-1, GIC-1	Unknown
General Organics	Ethylbenzene	ug/g	all sites	100.0	42	censored > 80%	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Hydrocarbons	ug/g	all sites	2.4	42	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Styrene	ug/g	all sites	100.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	Unknown
General Organics	Toluene	ug/g	all sites	90.0	10	censored > 80%	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	Total xylenes	ug/g	all sites	66.7	3	n < 10	BPC-1, FLC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	m,p-Xylene	ug/g	all sites	100.0	27	censored > 80%	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
General Organics	o-Xylene	ug/g	all sites	100.0	27	censored > 80%	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	CCME CWS-PHC Dec-2000 - Pub# 1310
PAHs	1,2,6-Trimethylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1550
PAHs	1,2-Dimethylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1523
PAHs	1,4,6,7-Tetramethylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1527
PAHs	1,6,7-Trimethylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1525
PAHs	1,7-Dimethylfluorene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1568
PAHs	1,7-Dimethylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1547
PAHs	1,8-Dimethylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1548
PAHs	1-Methylchrysene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1584
PAHs	1-Methylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1519
PAHs	1-Methylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1541
PAHs	2,3,6-Trimethylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1524
PAHs	2,4-Dimethyldibenzothiop	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1574
PAHs	2,6-Dimethylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1521
PAHs	2,6-Dimethylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1546
PAHs	2-Methylanthracene	ng/g	all sites	100.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1539
PAHs	2-Methyldibenzothiophe Methyldibenzothiophe	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1572
PAHs	2-Methylfluorene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1532

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	2-Methylnaphthalene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1518
PAHs	2-Methylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1538
PAHs	3,6-Dimethylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1545
PAHs	3-Methylfluoranthene/Benzo[a]fluorene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1578
PAHs	3-Methylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1537
PAHs	5,9-Dimethylchrysene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1586
PAHs	5-Methylchrysene/6-Methylchrysene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1583
PAHs	7-Methylbenzo[a]pyrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1590
PAHs	9-Methylphenanthrene/4-Methylphenanthrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1540
PAHs	Acenaphthene	ng/g	all sites	100.0	47	censored > 80%	ARD-2, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	1531
PAHs	Acenaphthylene	ng/g	all sites	100.0	15	censored > 80%	ARD-2, BPC-1, EMR-2, FLC-1, GIC-1	1530
PAHs	Anthracene	ng/g	all sites	100.0	28	censored > 80%	ARD-1, BPC-1, EMR-2, FLC-1, GIC-1	1535
PAHs	Benz[a]anthracene	ng/g	all sites	90.4	52	censored > 80%	ARD-1, ARD-2, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1554
PAHs	Benzo(b)fluoranthene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1556
PAHs	Benzo(j+k)fluoranthene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1557
PAHs	Benzo[a]pyrene	ng/g	all sites	69.8	53	MLE lnorm	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1559
PAHs	Benzo[b,j,k]fluoranthene	ng/g	all sites	0.0	50	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	MLA021
PAHs	Benzo[e]pyrene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1558
PAHs	Benzo[ghi]perylene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1563
PAHs	Biphenyl	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1529

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	C1-Acenaphthenes	ng/g	all sites	84.2	38	censored > 80%	ARD-1, ARD-2, BPC-1, BPC-2, EMR-2, FLB-1, FLC-1, GIC-1	MLA021
PAHs	C1-Benzo[a]anthracenes/chrysenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	MLA021
PAHs	C1-Benzofluoranthenes/b	ng/g	all sites	7.7	52	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	MLA021
PAHs	C1-Biphenyls	ng/g	all sites	23.9	46	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	MLA021
PAHs	C1-Dibenzothiophenes	ng/g	all sites	1.9	54	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1571
PAHs	C1-Fluoranthenes/pyrenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1577
PAHs	C1-Fluorenes	ng/g	all sites	15.4	52	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1567
PAHs	C1-Naphthalenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1520
PAHs	C1-Phenanthrenes/anthra	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1542
PAHs	C2-Benzo[a]anthracenes/chrysenes	ng/g	all sites	100.0	54	censored > 80%	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1585
PAHs	C2-Benzofluoranthenes/b	ng/g	all sites	21.2	52	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	1591
PAHs	C2-Biphenyls	ng/g	all sites	4.1	49	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	MLA021

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	C2-Dibenzothiophenes	ng/g	all sites	5.6	54	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1573
PAHs	C2-Fluoranthenes/pyrenes	ng/g	all sites	0.0	53	quantile type 6	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1579
PAHs	C2-Fluorenes	ng/g	all sites	7.7	52	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	1569
PAHs	C2-Naphthalenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1522
PAHs	C2-Phenanthrenes/anthra	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1549
PAHs	C3-Benzo[a]anthracenes/chrysenes	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	MLA021
PAHs	C3-Dibenzothiophenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1575
PAHs	C3-Fluoranthenes/pyrenes	ng/g	all sites	0.0	53	quantile type 6	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1580
PAHs	C3-Fluorenes	ng/g	all sites	5.8	52	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	1570
PAHs	C3-Naphthalenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1526
PAHs	C3-Phenanthrenes/anthra	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1551
PAHs	C4-Benzo[a]anthracenes/chrysenes	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	MLA021
PAHs	C4-Dibenzothiophenes	ng/g	all sites	3.8	52	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	1576
PAHs	C4-Fluoranthenes/pyrenes	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1581

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Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	C4-Naphthalenes	ng/g	all sites	9.4	53	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1528
PAHs	C4-Phenanthrenes/anthracenes	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1553
PAHs	Chrysene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1555
PAHs	Dibenz[a,h]anthracene	ng/g	all sites	100.0	40	censored > 80%	ARD-2, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1561
PAHs	Dibenzothiophene	ng/g	all sites	98.1	52	censored > 80%	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1536
PAHs	Fluoranthene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1543
PAHs	Fluorene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1533
PAHs	Indeno[1,2,3-cd]pyrene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1562
PAHs	Naphthalene	ng/g	all sites	1.9	53	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1517
PAHs	Perylene	ng/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	1560
PAHs	Phenanthrene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1534
PAHs	Pyrene	ng/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1544

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
PAHs	Retene	ng/g	all sites	0.0	53	quantile type 6	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	1552
Total Metals	Aluminum	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Antimony	ug/g	all sites	12.5	24	robust ROS	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	200.2/6020A
Total Metals	Arsenic	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Barium	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Beryllium	ug/g	all sites	100.0	53	censored > 80%	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Bismuth	ug/g	all sites	100.0	25	censored > 80%	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	200.2/6020A
Total Metals	Boron	ug/g	all sites	0.0	31	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	Unknown
Total Metals	Cadmium	ug/g	all sites	100.0	51	censored > 80%	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Calcium	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Chromium	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Cobalt	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Total Metals	Copper	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Iron	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Lead	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Lithium	ug/g	all sites	0.0	24	quantile type 6	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	200.2/6020A
Total Metals	Magnesium	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Manganese	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Mercury	ug/g	all sites	75.9	54	MLE lnorm	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/245.1
Total Metals	Molybdenum	ug/g	all sites	96.2	53	censored > 80%	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/245.1
Total Metals	Nickel	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Phosphorus	ug/g	all sites	0.0	24	quantile type 6	BPC-1, EMR-1, EMR-2, FLC-1, GIC-1	200.2/6020A
Total Metals	Potassium	ug/g	all sites	2.0	51	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Selenium	ug/g	all sites	7.4	54	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Silver	ug/g	all sites	100.0	9	n < 10	ARD-1, BPC-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A

(continued)

Grouping	Parameter	Unit	Grouping	Annual			Sites	Method Identifiers
				Cen %	Obs	Approach		
Total Metals	Sodium	ug/g	all sites	23.5	51	robust ROS	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Strontium	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Thallium	ug/g	all sites	24.5	53	robust ROS	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Tin	ug/g	all sites	100.0	45	censored > 80%	ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLC-1, GIC-1	200.2/6020A
Total Metals	Titanium	ug/g	all sites	0.0	51	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Uranium	ug/g	all sites	100.0	54	censored > 80%	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Vanadium	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Zinc	ug/g	all sites	0.0	54	quantile type 6	ARD-1, ARD-2, ATR-OF, BEC, BPC-1, BPC-2, EMR-1, EMR-2, FLB-1, FLC-1, GIC-1	200.2/6020A
Total Metals	Zirconium	ug/g	all sites	0.0	4	n < 10	BPC-1, EMR-2, FLC-1, GIC-1	Unknown

4 Water - Athabasca River

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Conventional Variables	Alkalinity, Phenolphthalein (total hydroxide+1/2 carbonate) as CaCO3	mg/L	all sites	50.0	6	n < 10	15.4	13	robust ROS	100.0	7	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10151
Conventional Variables	Alkalinity, total as CaCO3	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10111
Conventional Variables	Alkalinity, total as CaCO3	mg/L	single							0.0	9	n < 10	AL07DD0004 (M4)	10111
Conventional Variables	Alkalinity, total as CaCO3	mg/L	single							0.0	9	n < 10	AL07DD0005 (M5)	10111
Conventional Variables	Alkalinity, total as CaCO3	mg/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	10111
Conventional Variables	Alkalinity, total as CaCO3	mg/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	10111
Conventional Variables	Alkalinity, total as CaCO3	mg/L	single							0.0	3	n < 10	AL07DD0009 (M6)	10111
Conventional Variables	Fixed suspended solids, Non-Filterable (Particle)	mg/L	all sites	0.0	53	quantile type 6	16.4	55	robust ROS	97.4	39	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10501
Conventional Variables	Organic carbon, Filtered	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	6104
Conventional Variables	Organic carbon, Non-Filterable (Particle)	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	6901, 6902
Conventional Variables	Specific conductivity	uS/cn	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2041
Conventional Variables	Total suspended solids, Non-Filterable (Particle)	mg/L	all sites	0.0	53	quantile type 6	1.8	55	robust ROS	88.9	45	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10401
Conventional Variables	True colour, Filtered	TCU	all sites	0.0	5	n < 10	0.0	6	n < 10	0.0	9	n < 10	AL07DD0007 (M7), AL07DD0008 (M3)	5078

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Conventional Variables	True colour, Supernate	rel units	all sites	0.0	48	quantile type 6	2.0	49	robust ROS	0.0	39	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2021
Conventional Variables	Turbidity	NTU	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2081, 459
Conventional Variables	pH, lab	pH units	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	47	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10301
Dissolved Metals	Aluminum, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	2.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108712
Dissolved Metals	Antimony, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108744
Dissolved Metals	Antimony, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108744
Dissolved Metals	Antimony, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108744
Dissolved Metals	Antimony, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108744
Dissolved Metals	Antimony, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108744
Dissolved Metals	Antimony, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108744
Dissolved Metals	Arsenic, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108713
Dissolved Metals	Barium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108715
Dissolved Metals	Barium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108715
Dissolved Metals	Barium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108715

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Barium, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108715
Dissolved Metals	Barium, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108715
Dissolved Metals	Barium, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108715
Dissolved Metals	Beryllium, Filtered	ug/L	all sites	1.9	52	robust ROS	0.0	55	quantile type 6	4.2	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108716
Dissolved Metals	Bismuth, Filtered	ug/L	all sites	30.8	52	robust ROS	67.3	55	MLE gamma	81.3	48	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108717
Dissolved Metals	Boron, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108714
Dissolved Metals	Cadmium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108719
Dissolved Metals	Cerium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108720
Dissolved Metals	Cesium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108723
Dissolved Metals	Chromium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108722
Dissolved Metals	Cobalt, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108721
Dissolved Metals	Cobalt, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108721

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Cobalt, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108721
Dissolved Metals	Cobalt, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108721
Dissolved Metals	Cobalt, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108721
Dissolved Metals	Cobalt, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108721
Dissolved Metals	Copper, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	54	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108724
Dissolved Metals	Copper, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108724
Dissolved Metals	Copper, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108724
Dissolved Metals	Copper, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108724
Dissolved Metals	Copper, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108724
Dissolved Metals	Copper, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108724
Dissolved Metals	Gallium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	4.2	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108726
Dissolved Metals	Germanium, Filtered	ug/L	all sites	21.2	52	robust ROS	40.0	55	robust ROS				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108728
Dissolved Metals	Germanium, Filtered	ug/L	single							11.1	9	n < 10	AL07DD0004 (M4)	108728
Dissolved Metals	Germanium, Filtered	ug/L	single							22.2	9	n < 10	AL07DD0005 (M5)	108728
Dissolved Metals	Germanium, Filtered	ug/L	single							15.4	13	robust ROS	AL07DD0007 (M7)	108728
Dissolved Metals	Germanium, Filtered	ug/L	single							35.7	14	robust ROS	AL07DD0008 (M3)	108728
Dissolved Metals	Germanium, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108728
Dissolved Metals	Indium, Filtered	ug/L	all sites	92.3	52	censored > 80%	96.4	55	censored > 80%	100.0	48	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108729

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Iron, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108725
Dissolved Metals	Lanthanum, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108731
Dissolved Metals	Lead, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	2.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108739
Dissolved Metals	Lithium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108732
Dissolved Metals	Manganese, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108734
Dissolved Metals	Molybdenum, Filtered	ug/L	all sites				0.0	54	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108735
Dissolved Metals	Molybdenum, Filtered	ug/L	single	0.0	13	quantile type 6				0.0	9	n < 10	AL07DD0004 (M4)	108735
Dissolved Metals	Molybdenum, Filtered	ug/L	single	0.0	11	quantile type 6				0.0	9	n < 10	AL07DD0005 (M5)	108735
Dissolved Metals	Molybdenum, Filtered	ug/L	single	0.0	10	quantile type 6				0.0	13	quantile type 6	AL07DD0007 (M7)	108735
Dissolved Metals	Molybdenum, Filtered	ug/L	single	0.0	14	quantile type 6				0.0	14	quantile type 6	AL07DD0008 (M3)	108735
Dissolved Metals	Molybdenum, Filtered	ug/L	single	0.0	4	n < 10				0.0	3	n < 10	AL07DD0009 (M6)	108735
Dissolved Metals	Nickel, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108738

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Niobium, Filtered	ug/L	all sites	26.9	52	robust ROS	49.1	55	robust ROS	52.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108737
Dissolved Metals	Palladium, Filtered	ug/L	all sites	93.0	43	censored > 80%	97.8	45	censored > 80%	100.0	35	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108740
Dissolved Metals	Platinum, Filtered	ug/L	all sites	84.6	52	censored > 80%	85.5	55	censored > 80%	97.9	48	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108741
Dissolved Metals	Rubidium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108742
Dissolved Metals	Scandium, Filtered	ug/L	all sites	38.5	52	robust ROS	49.1	55	robust ROS	52.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108745
Dissolved Metals	Selenium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108746
Dissolved Metals	Selenium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108746
Dissolved Metals	Selenium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108746
Dissolved Metals	Selenium, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108746
Dissolved Metals	Selenium, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108746
Dissolved Metals	Selenium, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108746
Dissolved Metals	Silver, Filtered	ug/L	all sites	17.3	52	robust ROS	40.0	55	robust ROS	41.7	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108711

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Strontium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108748
Dissolved Metals	Strontium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108748
Dissolved Metals	Strontium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108748
Dissolved Metals	Strontium, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108748
Dissolved Metals	Strontium, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108748
Dissolved Metals	Strontium, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108748
Dissolved Metals	Tellurium, Filtered	ug/L	all sites	69.2	52	MLE lnorm	89.1	55	censored > 80%				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108749
Dissolved Metals	Tellurium, Filtered	ug/L	single							100.0	9	n < 10	AL07DD0004 (M4)	108749
Dissolved Metals	Tellurium, Filtered	ug/L	single							88.9	9	n < 10	AL07DD0005 (M5)	108749
Dissolved Metals	Tellurium, Filtered	ug/L	single							69.2	13	robust ROS	AL07DD0007 (M7)	108749
Dissolved Metals	Tellurium, Filtered	ug/L	single							78.6	14	robust ROS	AL07DD0008 (M3)	108749
Dissolved Metals	Tellurium, Filtered	ug/L	single							100.0	3	n < 10	AL07DD0009 (M6)	108749
Dissolved Metals	Thallium, Filtered	ug/L	all sites	0.0	52	quantile type 6	1.8	55	robust ROS	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108751
Dissolved Metals	Tin, Filtered	ug/L	all sites	61.5	52	MLE lnorm	50.9	55	MLE lnorm	39.6	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108747
Dissolved Metals	Titanium, Filtered	ug/L	all sites	1.9	52	robust ROS	3.6	55	robust ROS	4.2	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108750

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Tungsten, Filtered	ug/L	all sites	15.4	52	robust ROS	12.7	55	robust ROS	8.3	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108754
Dissolved Metals	Uranium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108752
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108752
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108752
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108752
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108752
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108752
Dissolved Metals	Vanadium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108753
Dissolved Metals	Yttrium, Filtered	ug/L	all sites	0.0	52	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108755
Dissolved Metals	Zinc, Filtered	ug/L	all sites	0.0	52	quantile type 6	9.1	55	robust ROS				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108756
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108756
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108756
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108756
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108756
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108756

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Zirconium, Filtered	ug/L	all sites	7.7	52	robust ROS	20.0	55	robust ROS	12.5	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108757
Field	Dissolved oxygen (DO)	mg/L	all sites	0.0	53	quantile type 6	0.0	54	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	8102
Field	Specific conductivity	uS/cm	all sites	0.0	48	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2041
Field	Specific conductivity	uS/cn	single							0.0	8	n < 10	AL07DD0004 (M4)	2041
Field	Specific conductivity	uS/cm	single							0.0	8	n < 10	AL07DD0005 (M5)	2041
Field	Specific conductivity	uS/cn	single							0.0	11	quantile type 6	AL07DD0007 (M7)	2041
Field	Specific conductivity	uS/cm	single							0.0	12	quantile type 6	AL07DD0008 (M3)	2041
Field	Specific conductivity	uS/cn	single							0.0	3	n < 10	AL07DD0009 (M6)	2041
Field	Temperature, water	degC	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2061
Field	Temperature, water	degC	single							0.0	9	n < 10	AL07DD0004 (M4)	2061
Field	Temperature, water	degC	single							0.0	9	n < 10	AL07DD0005 (M5)	2061
Field	Temperature, water	degC	single							0.0	13	quantile type 6	AL07DD0007 (M7)	2061
Field	Temperature, water	degC	single							0.0	14	quantile type 6	AL07DD0008 (M3)	2061
Field	Temperature, water	degC	single							0.0	3	n < 10	AL07DD0009 (M6)	2061
Field	Turbidity	NTU	all sites	0.0	40	quantile type 6	0.0	42	quantile type 6	0.0	39	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	2081
Field	pH	pH units	all sites	0.0	53	quantile type 6	0.0	54	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	10301
General Organics	Benzene	ug/L	all sites	100.0	12	censored > 80%	100.0	9	n < 10	100.0	10	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108822, 109584

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
General Organics	C10-C16 Hydrocarbons	ug/L	all sites	79.5	39	robust ROS	92.9	42	censored > 80%	88.2	34	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109590
General Organics	C16-C34 Hydrocarbons	ug/L	all sites	100.0	39	censored > 80%	100.0	42	censored > 80%	100.0	34	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109591
General Organics	C34-C50 Hydrocarbons	ug/L	all sites	100.0	39	censored > 80%	100.0	42	censored > 80%	100.0	34	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109592
General Organics	C6-C10 Hydrocarbons	ug/L	all sites	100.0	39	censored > 80%	100.0	42	censored > 80%	100.0	34	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109589
General Organics	Cyanide	mg/L	all sites	100.0	46	censored > 80%	100.0	45	censored > 80%	100.0	37	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108861
General Organics	Ethylbenzene	ug/L	all sites	100.0	11	censored > 80%	100.0	7	n < 10	100.0	11	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108835, 109586
General Organics	Hydrocarbons, petroleum	mg/L	all sites	54.5	22	robust ROS	90.9	22	censored > 80%	95.2	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108940
General Organics	Naphthenic acids	mg/L	all sites	100.0	24	censored > 80%	100.0	22	censored > 80%	100.0	16	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	920
General Organics	Toluene	ug/L	all sites				74.1	27	robust ROS	81.3	16	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108827, 109585
General Organics	Toluene	ug/L	single	33.3	9	n < 10							AL07DD0004 (M4)	108827, 109585
General Organics	Toluene	ug/L	single	12.5	8	n < 10							AL07DD0005 (M5)	108827, 109585

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
General Organics	Toluene	ug/L	single	80.0	5	n < 10							AL07DD0007 (M7)	108827, 109585
General Organics	Toluene	ug/L	single	90.0	10	censored > 80%							AL07DD0008 (M3)	109585
General Organics	Toluene	ug/L	single	50.0	2	n < 10							AL07DD0009 (M6)	108827, 109585
General Organics	m,p-Xylene	ug/L	all sites	100.0	11	censored > 80%	100.0	7	n < 10	83.3	12	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108836, 109587
General Organics	o-Xylene	ug/L	all sites	100.0	50	censored > 80%	100.0	51	censored > 80%	86.4	44	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108837, 109588
Major Ions	Calcium, Filtered	mg/L	all sites				0.0	42	quantile type 6	0.0	35	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109109
Major Ions	Calcium, Filtered	mg/L	single	0.0	8	n < 10							AL07DD0004 (M4)	109109
Major Ions	Calcium, Filtered	mg/L	single	0.0	6	n < 10							AL07DD0005 (M5)	109109
Major Ions	Calcium, Filtered	mg/L	single	0.0	9	n < 10							AL07DD0007 (M7)	109109
Major Ions	Calcium, Filtered	mg/L	single	0.0	14	quantile type 6							AL07DD0008 (M3)	109109
Major Ions	Calcium, Filtered	mg/L	single	0.0	3	n < 10							AL07DD0009 (M6)	109109
Major Ions	Calcium, Unknown	mg/L	all sites	0.0	13	quantile type 6	0.0	13	quantile type 6	0.0	13	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	20103
Major Ions	Chloride, Filtered	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108311
Major Ions	Chloride, Filtered	mg/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108311
Major Ions	Chloride, Filtered	mg/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108311
Major Ions	Chloride, Filtered	mg/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108311
Major Ions	Chloride, Filtered	mg/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108311
Major Ions	Chloride, Filtered	mg/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108311

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Major Ions	Fluoride, Filtered	mg/L	all sites				0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108310
Major Ions	Fluoride, Filtered	mg/L	single	0.0	13	quantile type 6				0.0	9	n < 10	AL07DD0004 (M4)	108310
Major Ions	Fluoride, Filtered	mg/L	single	0.0	11	quantile type 6				0.0	9	n < 10	AL07DD0005 (M5)	108310
Major Ions	Fluoride, Filtered	mg/L	single	0.0	10	quantile type 6				0.0	13	quantile type 6	AL07DD0007 (M7)	108310
Major Ions	Fluoride, Filtered	mg/L	single	0.0	15	quantile type 6				0.0	14	quantile type 6	AL07DD0008 (M3)	108310
Major Ions	Fluoride, Filtered	mg/L	single	0.0	4	n < 10				0.0	3	n < 10	AL07DD0009 (M6)	108310
Major Ions	Magnesium, Filtered	mg/L	all sites				0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109111, 12102
Major Ions	Magnesium, Filtered	mg/L	single	0.0	13	quantile type 6				0.0	9	n < 10	AL07DD0004 (M4)	109111, 12102
Major Ions	Magnesium, Filtered	mg/L	single	0.0	11	quantile type 6				0.0	9	n < 10	AL07DD0005 (M5)	109111, 12102
Major Ions	Magnesium, Filtered	mg/L	single	0.0	10	quantile type 6				0.0	13	quantile type 6	AL07DD0007 (M7)	109111, 12102
Major Ions	Magnesium, Filtered	mg/L	single	0.0	15	quantile type 6				0.0	14	quantile type 6	AL07DD0008 (M3)	109111, 12102
Major Ions	Magnesium, Filtered	mg/L	single	0.0	4	n < 10				0.0	3	n < 10	AL07DD0009 (M6)	109111, 12102
Major Ions	Potassium, Filtered	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	100499, 109110
Major Ions	Silica, Filtered as SiO2	mg/L	all sites	0.0	40	quantile type 6	0.0	42	quantile type 6	0.0	35	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109113
Major Ions	Silica, Unknown as SiO2	mg/L	all sites	0.0	13	quantile type 6	0.0	13	quantile type 6	0.0	13	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	14108
Major Ions	Sodium, Filtered	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	100500, 109112

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Major Ions	Sulfate, Filtered as SO4	mg/L	all sites				0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108312
Major Ions	Sulfate, Filtered as SO4	mg/L	single	0.0	13	quantile type 6				0.0	9	n < 10	AL07DD0004 (M4)	108312
Major Ions	Sulfate, Filtered as SO4	mg/L	single	0.0	11	quantile type 6				0.0	9	n < 10	AL07DD0005 (M5)	108312
Major Ions	Sulfate, Filtered as SO4	mg/L	single	0.0	10	quantile type 6				0.0	13	quantile type 6	AL07DD0007 (M7)	108312
Major Ions	Sulfate, Filtered as SO4	mg/L	single	0.0	15	quantile type 6				0.0	14	quantile type 6	AL07DD0008 (M3)	108312
Major Ions	Sulfate, Filtered as SO4	mg/L	single	0.0	4	n < 10				0.0	3	n < 10	AL07DD0009 (M6)	108312
Nutrients and BOD	Ammonia and ammonium, Unfiltered as N	mg/L	all sites	5.7	53	robust ROS	21.8	55	robust ROS	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	7540
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	all sites	26.4	53	robust ROS	60.0	55	MLE lnorm				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	7110
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	single							0.0	9	n < 10	AL07DD0004 (M4)	7110
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	single							0.0	9	n < 10	AL07DD0005 (M5)	7110
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	7110
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	7110
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Filtered	mg/L	single							0.0	3	n < 10	AL07DD0009 (M6)	7110
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	all sites	0.0	49	quantile type 6	0.0	44	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	7901
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	single							0.0	6	n < 10	AL07DD0004 (M4)	7901

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	single							0.0	6	n < 10	AL07DD0005 (M5)	7901
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	single							16.7	12	robust ROS	AL07DD0007 (M7)	7901
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	single							23.1	13	robust ROS	AL07DD0008 (M3)	7901
Nutrients and BOD	Organic Nitrogen, Non-Filterable (Particle) as N	mg/L	single							0.0	2	n < 10	AL07DD0009 (M6)	7901
Nutrients and BOD	Total Nitrogen, mixed forms, Filtered as N	mg/L	all sites	0.0	20	quantile type 6	0.0	29	quantile type 6	0.0	23	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108767
Nutrients and BOD	Total Nitrogen, mixed forms, Non-Filterable (Particle) as N	mg/L	all sites	0.0	4	n < 10	0.0	11	quantile type 6	0.0	9	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	7902
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	all sites	0.0	33	quantile type 6	0.0	26	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	7657
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	single							0.0	8	n < 10	AL07DD0004 (M4)	7657
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	single							0.0	8	n < 10	AL07DD0005 (M5)	7657
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	single							0.0	4	n < 10	AL07DD0007 (M7)	7657
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	single							0.0	3	n < 10	AL07DD0008 (M3)	7657
Nutrients and BOD	Total Nitrogen, mixed forms, Unknown as N	mg/L	single							0.0	2	n < 10	AL07DD0009 (M6)	7657
Nutrients and BOD	Total Phosphorus, mixed forms, Filtered as P	mg/L	all sites	0.0	53	quantile type 6	5.5	55	robust ROS	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	15465
Nutrients and BOD	Total Phosphorus, mixed forms, Unfiltered as P	mg/L	all sites	0.0	53	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	15423
Organohalides	2-Chloronaphthalene	ng/L	single	100.0	11	censored > 80%	100.0	8	n < 10	100.0	7	n < 10	AL07DD0004 (M4)	102128, 1352

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Organohalides	2-Chloronaphthalene	ng/L	single	100.0	9	n < 10	100.0	6	n < 10	100.0	6	n < 10	AL07DD0005 (M5)	102128
Organohalides	2-Chloronaphthalene	ng/L	single	100.0	5	n < 10	100.0	8	n < 10	100.0	6	n < 10	AL07DD0007 (M7)	102128, 1352
Organohalides	2-Chloronaphthalene	ng/L	single	100.0	9	n < 10	100.0	6	n < 10	100.0	9	n < 10	AL07DD0008 (M3)	102128, 1352
Organohalides	2-Chloronaphthalene	ng/L	single	100.0	3	n < 10	100.0	3	n < 10	100.0	2	n < 10	AL07DD0009 (M6)	102128
PAHs	1,2,3,4-Tetrahydronaphthalene	ng/L	all sites	87.5	32	censored > 80%	88.0	25	censored > 80%	87.5	24	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102124, 1353
PAHs	1,6,7-Trimethylnaphthalene	ng/L	all sites	33.3	21	robust ROS	50.0	20	robust ROS	76.5	17	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109662, 1362
PAHs	1-Methylnaphthalene	ng/L	all sites	59.3	27	robust ROS	90.5	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102127
PAHs	2-Isopropylnaphthalene	ng/L	all sites	100.0	14	censored > 80%	100.0	10	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109661, 1361
PAHs	2-Methylnaphthalene	ng/L	all sites	51.9	27	robust ROS	90.5	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102126
PAHs	3-Methylcholanthrene	ng/L	all sites	9.1	11	robust ROS	25.0	12	robust ROS	100.0	11	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109684
PAHs	7,10-Dimethylbenzo[a]pyrene	ng/L	all sites	100.0	10	censored > 80%	100.0	10	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0007 (M7), AL07DD0008 (M3)	1387
PAHs	7-Methylbenzo[a]pyrene	ng/L	all sites	100.0	10	censored > 80%	100.0	10	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0007 (M7), AL07DD0008 (M3)	1386
PAHs	9-Ethylfluorene	ng/L	all sites	88.2	17	censored > 80%	100.0	11	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109664, 1364

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	9-Methylfluorene	ng/L	all sites	73.7	19	robust ROS	89.5	19	censored > 80%	100.0	12	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109663, 1363
PAHs	Acenaphthene	ng/L	all sites	100.0	50	censored > 80%	100.0	50	censored > 80%	100.0	44	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102130, 111270, 1338
PAHs	Acenaphthylene	ng/L	single	100.0	12	censored > 80%	100.0	10	censored > 80%	100.0	8	n < 10	AL07DD0004 (M4)	102129, 111269, 1337
PAHs	Acenaphthylene	ng/L	single	100.0	11	censored > 80%	100.0	11	censored > 80%	100.0	7	n < 10	AL07DD0005 (M5)	102129, 111269
PAHs	Acenaphthylene	ng/L	single	100.0	10	censored > 80%	100.0	13	censored > 80%	100.0	12	censored > 80%	AL07DD0007 (M7)	102129, 111269, 1337
PAHs	Acenaphthylene	ng/L	single	100.0	13	censored > 80%	100.0	12	censored > 80%	100.0	14	censored > 80%	AL07DD0008 (M3)	102129, 111269, 1337
PAHs	Acenaphthylene	ng/L	single	100.0	4	n < 10	100.0	4	n < 10	100.0	3	n < 10	AL07DD0009 (M6)	102129, 111269
PAHs	Anthracene	ng/L	all sites	100.0	28	censored > 80%	100.0	22	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102133, 1341
PAHs	Benz[a]anthracene	ng/L	all sites	92.6	27	censored > 80%	100.0	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102136
PAHs	Benzo(b)fluoranthene	ng/L	all sites	85.7	28	censored > 80%	100.0	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106023, 1345
PAHs	Benzo[a]pyrene	ng/L	all sites	100.0	28	censored > 80%	100.0	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106026, 1348
PAHs	Benzo[e]pyrene	ng/L	all sites	85.2	27	censored > 80%	100.0	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106025

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	Benzo[ghi]perylene	ng/L	single	100.0	12	censored > 80%	100.0	10	censored > 80%	100.0	8	n < 10	AL07DD0004 (M4)	106030, 111283, 1351
PAHs	Benzo[ghi]perylene	ng/L	single	100.0	11	censored > 80%	100.0	11	censored > 80%	100.0	7	n < 10	AL07DD0005 (M5)	106030, 111283
PAHs	Benzo[ghi]perylene	ng/L	single	100.0	10	censored > 80%	100.0	13	censored > 80%	100.0	12	censored > 80%	AL07DD0007 (M7)	106030, 111283, 1351
PAHs	Benzo[ghi]perylene	ng/L	single	100.0	12	censored > 80%	100.0	12	censored > 80%	100.0	14	censored > 80%	AL07DD0008 (M3)	106030, 111283, 1351
PAHs	Benzo[ghi]perylene	ng/L	single	100.0	4	n < 10	100.0	4	n < 10	100.0	3	n < 10	AL07DD0009 (M6)	106030, 111283
PAHs	Benzo[k]fluoranthene	ng/L	single	100.0	12	censored > 80%	100.0	10	censored > 80%	100.0	8	n < 10	AL07DD0004 (M4)	106024, 111279, 1346
PAHs	Benzo[k]fluoranthene	ng/L	single	100.0	11	censored > 80%	100.0	11	censored > 80%	100.0	7	n < 10	AL07DD0005 (M5)	106024, 111279
PAHs	Benzo[k]fluoranthene	ng/L	single	100.0	10	censored > 80%	100.0	13	censored > 80%	100.0	12	censored > 80%	AL07DD0007 (M7)	106024, 111279, 1346
PAHs	Benzo[k]fluoranthene	ng/L	single	100.0	13	censored > 80%	100.0	12	censored > 80%	100.0	14	censored > 80%	AL07DD0008 (M3)	106024, 111279, 1346
PAHs	Benzo[k]fluoranthene	ng/L	single	100.0	4	n < 10	100.0	4	n < 10	100.0	3	n < 10	AL07DD0009 (M6)	106024, 111279
PAHs	Biphenyl	ng/L	all sites	100.0	2	n < 10	100.0	5	n < 10	100.0	1	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3)	109659, 110608, 1359
PAHs	C1-Dibenzothiophenes	ng/L	all sites	66.7	3	n < 10	100.0	1	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7)	110591
PAHs	C1-Fluoranthenes/pyrenes	ng/L	all sites	10.0	10	robust ROS	50.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0009 (M6)	110593
PAHs	C2-1,6-Dimethylnaphthalene	ng/L	all sites	0.0	11	quantile type 6	66.7	12	robust ROS	63.6	11	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109660
PAHs	C2-1,9-Dimethylfluorene	ng/L	all sites	76.9	13	robust ROS	100.0	10	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3)	109668, 1368

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	C2-3-Ethylfluoranthene	ng/L	all sites	85.7	14	censored > 80%	90.9	11	censored > 80%	100.0	9	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109678, 1377
PAHs	C2-Benzopyrenes	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111232
PAHs	C2-Chrysenes	ng/L	all sites	59.3	27	robust ROS	90.5	21	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109681, 110605
PAHs	C2-Dibenzothiophenes	ng/L	all sites	46.7	15	robust ROS	50.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	110592, 1372
PAHs	C2-Dimethyldibenzothiophenes	ng/L	all sites	18.2	11	robust ROS	8.3	12	robust ROS	9.1	11	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109672
PAHs	C2-Fluoranthenes/pyrenes	ng/L	all sites	56.5	23	robust ROS	95.8	24	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	110594
PAHs	C2-Fluorenes	ng/L	all sites	0.0	10	quantile type 6	50.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0009 (M6)	110596
PAHs	C2-Naphthalenes	ng/L	all sites	0.0	2	n < 10	100.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3)	110588, 1360
PAHs	C2-Phenanthrenes	ng/L	all sites	17.2	29	robust ROS	76.5	17	robust ROS	100.0	7	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109673, 110601, 1382
PAHs	C3-2,4,7-Trimethyldibenzothioph	ng/L	all sites	87.5	16	censored > 80%	94.4	18	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109675, 1374

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	C3-4-Propyldibenzothiophene	ng/L	all sites	76.2	21	robust ROS	94.4	18	censored > 80%	100.0	10	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109674, 1373
PAHs	C3-Chrysenes	ng/L	all sites	53.8	13	robust ROS	100.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109682, 110606
PAHs	C3-Dibenzothiophenes	ng/L	all sites	0.0	10	quantile type 6	50.0	2	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0009 (M6)	110599
PAHs	C3-Fluoranthenes/pyrenes	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111229
PAHs	C3-Fluorenes	ng/L	all sites	100.0	33	censored > 80%	100.0	34	censored > 80%	100.0	30	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	110597, 1367
PAHs	C3-N-Propylfluorene	ng/L	all sites	100.0	11	censored > 80%	100.0	12	censored > 80%	100.0	11	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109667
PAHs	C3-Naphthalenes	ng/L	all sites	61.1	18	robust ROS	85.7	14	censored > 80%	100.0	10	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109666, 110589
PAHs	C3-Phenanthrenes	ng/L	all sites	23.1	26	robust ROS	66.7	6	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109677, 110602, 1376
PAHs	C4-Chrysenes	ng/L	all sites	10.0	10	robust ROS	66.7	3	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0009 (M6)	109683, 110607
PAHs	C4-Dibenzothiophenes	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111228

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	C4-Fluoranthenes/pyrenes	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111230
PAHs	C4-Fluorenes	ng/L	all sites	100.0	44	censored > 80%	100.0	46	censored > 80%	100.0	41	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109669, 110598, 1369
PAHs	C4-Naphthalenes	ng/L	all sites	45.5	11	robust ROS	100.0	2	n < 10	100.0	1	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3)	110590, 1366
PAHs	C4-Phenanthrenes	ng/L	all sites				97.2	36	censored > 80%	100.0	24	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109679, 110603
PAHs	C4-Phenanthrenes	ng/L	single	25.0	8	n < 10							AL07DD0004 (M4)	109679, 110603
PAHs	C4-Phenanthrenes	ng/L	single	40.0	10	robust ROS							AL07DD0005 (M5)	109679, 110603
PAHs	C4-Phenanthrenes	ng/L	single	83.3	6	n < 10							AL07DD0007 (M7)	109679, 110603
PAHs	C4-Phenanthrenes	ng/L	single	100.0	5	n < 10							AL07DD0008 (M3)	109679, 110603
PAHs	C4-Phenanthrenes	ng/L	single	100.0	2	n < 10							AL07DD0009 (M6)	109679, 110603
PAHs	Chrysene	ng/L	all sites	80.0	15	robust ROS	100.0	5	n < 10				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102137, 111277, 1344
PAHs	Dibenz[a,h]anthracene	ng/L	all sites	100.0	27	censored > 80%	100.0	21	censored > 80%	100.0	22	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106029, 1350
PAHs	Dibenzothiophene	ng/L	all sites	100.0	1	n < 10	100.0	1	n < 10				AL07DD0007 (M7)	106031, 111284
PAHs	Fluoranthene	ng/L	all sites	77.8	18	robust ROS	87.0	23	censored > 80%	93.3	15	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102134, 111274, 1342

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	Fluorene	ng/L	all sites	100.0	4	n < 10	100.0	4	n < 10	100.0	2	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102131, 111271, 1339
PAHs	Indene	ng/L	all sites	100.0	27	censored > 80%	100.0	21	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102123
PAHs	Indeno[1,2,3-cd]fluoranthene	ng/L	all sites	100.0	11	censored > 80%	100.0	19	censored > 80%	100.0	11	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111235
PAHs	Indeno[1,2,3-cd]pyrene	ng/L	all sites	100.0	28	censored > 80%	100.0	23	censored > 80%	100.0	21	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106028, 1349
PAHs	Methylbenzopyrene	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111231
PAHs	Methylchrysene	ng/L	all sites	38.1	21	robust ROS	92.3	13	censored > 80%	100.0	4	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109680, 110604
PAHs	Methyldibenzothiophene	ng/L	all sites	0.0	11	quantile type 6	25.0	12	robust ROS	72.7	11	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109670
PAHs	Methylfluoranthene	ng/L	all sites	0.0	11	quantile type 6	50.0	12	robust ROS	100.0	11	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109676
PAHs	Methylfluorene	ng/L	all sites	37.5	16	robust ROS	85.7	7	n < 10	100.0	3	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109665, 110595, 1365
PAHs	Methylnaphthalene	ng/L	all sites	80.0	10	robust ROS	100.0	7	n < 10	100.0	4	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3)	109658, 110587, 1358

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	Methylphenanthrene	ng/L	all sites	30.4	23	robust ROS	91.7	12	censored > 80%	100.0	3	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	109671, 110600
PAHs	Naphthalene	ng/L	all sites	62.5	40	robust ROS	44.1	34	robust ROS	64.5	31	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102125, 111268, 1336
PAHs	Perylene	ng/L	all sites	52.8	36	robust ROS	90.5	21	censored > 80%	100.0	22	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106027, 110612
PAHs	Phenanthrene	ng/L	all sites	71.0	31	robust ROS	91.7	24	censored > 80%	100.0	7	n < 10	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102132, 111272, 1340
PAHs	Pyrene	ng/L	all sites	61.5	39	robust ROS	88.0	25	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	102135, 111275, 1343
PAHs	Retene	ng/L	all sites	56.1	41	robust ROS	84.0	25	censored > 80%	100.0	22	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	106032, 111236, 1385
Phenolics	Phenol	ug/L	all sites	90.0	50	censored > 80%	90.2	51	censored > 80%	93.0	43	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108939
Target PANHs	Acridine	ug/L	all sites	100.0	23	censored > 80%	100.0	29	censored > 80%	100.0	23	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111233, 1384
Target PANHs	Carbazole	ng/L	all sites	100.0	13	censored > 80%	100.0	19	censored > 80%	100.0	14	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111234

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Aluminum, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108665
Total Metals	Antimony, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	5.5	55	robust ROS	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108697
Total Metals	Arsenic, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108666
Total Metals	Barium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108668
Total Metals	Barium, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108668
Total Metals	Barium, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108668
Total Metals	Barium, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108668
Total Metals	Barium, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108668
Total Metals	Barium, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108668
Total Metals	Beryllium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	2.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108669
Total Metals	Bismuth, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	20.8	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108670
Total Metals	Boron, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108667
Total Metals	Cadmium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	41	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108672

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Cerium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108673
Total Metals	Cesium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108676
Total Metals	Chromium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108675
Total Metals	Cobalt, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108674
Total Metals	Copper, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108677
Total Metals	Copper, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108677
Total Metals	Copper, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108677
Total Metals	Copper, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108677
Total Metals	Copper, Unfiltered	ug/L	single							7.1	14	robust ROS	AL07DD0008 (M3)	108677
Total Metals	Copper, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108677
Total Metals	Gallium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	1.8	55	robust ROS	8.3	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108679
Total Metals	Germanium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	5.5	55	robust ROS	27.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108681
Total Metals	Indium, Unfiltered	ug/L	all sites	17.6	51	robust ROS	52.7	55	MLE lnorm	81.3	48	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108682

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Iron, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108678
Total Metals	Lanthanum, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108684
Total Metals	Lead, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108692
Total Metals	Lithium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108685
Total Metals	Manganese, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108687
Total Metals	Mercury, Unfiltered	ng/L	all sites	0.0	51	quantile type 6	0.0	49	quantile type 6	0.0	44	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	74475
Total Metals	Methylmercury(1+), Unfiltered	ng/L	all sites	0.0	51	quantile type 6	12.2	49	robust ROS	62.8	43	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	111116
Total Metals	Molybdenum, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108688
Total Metals	Molybdenum, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108688
Total Metals	Molybdenum, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108688
Total Metals	Molybdenum, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108688
Total Metals	Molybdenum, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108688

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Molybdenum, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108688
Total Metals	Nickel, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108691
Total Metals	Nickel, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108691
Total Metals	Nickel, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108691
Total Metals	Nickel, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108691
Total Metals	Nickel, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108691
Total Metals	Nickel, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108691
Total Metals	Niobium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	1.8	55	robust ROS	10.4	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108690
Total Metals	Palladium, Unfiltered	ug/L	all sites	81.0	42	censored > 80%	93.3	45	censored > 80%	100.0	35	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108693
Total Metals	Platinum, Unfiltered	ug/L	all sites	56.9	51	MLE gamma	85.5	55	censored > 80%	81.3	48	censored > 80%	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108694
Total Metals	Rubidium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108695
Total Metals	Scandium, Unfiltered	ug/L	all sites	3.9	51	robust ROS	40.0	55	robust ROS	31.3	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108698
Total Metals	Selenium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108699
Total Metals	Selenium, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108699
Total Metals	Selenium, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108699
Total Metals	Selenium, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108699

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Selenium, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108699
Total Metals	Selenium, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108699
Total Metals	Silver, Unfiltered	ug/L	all sites	3.9	51	robust ROS	1.8	55	robust ROS	8.3	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108664
Total Metals	Strontium, Unfiltered	ug/L	all sites				0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108701
Total Metals	Strontium, Unfiltered	ug/L	single	0.0	13	quantile type 6				0.0	9	n < 10	AL07DD0004 (M4)	108701
Total Metals	Strontium, Unfiltered	ug/L	single	0.0	11	quantile type 6				0.0	9	n < 10	AL07DD0005 (M5)	108701
Total Metals	Strontium, Unfiltered	ug/L	single	0.0	10	quantile type 6				0.0	13	quantile type 6	AL07DD0007 (M7)	108701
Total Metals	Strontium, Unfiltered	ug/L	single	0.0	13	quantile type 6				0.0	14	quantile type 6	AL07DD0008 (M3)	108701
Total Metals	Strontium, Unfiltered	ug/L	single	0.0	4	n < 10				0.0	3	n < 10	AL07DD0009 (M6)	108701
Total Metals	Tellurium, Unfiltered	ug/L	all sites	45.1	51	robust ROS	80.0	55	MLE lnorm	72.9	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108702
Total Metals	Thallium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	1.8	55	robust ROS	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108704
Total Metals	Tin, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	16.4	55	robust ROS	43.8	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108700
Total Metals	Titanium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	2.1	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108703
Total Metals	Tungsten, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	8.3	48	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108707

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Uranium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108705
Total Metals	Uranium, Unfiltered	ug/L	single							0.0	8	n < 10	AL07DD0004 (M4)	108705
Total Metals	Uranium, Unfiltered	ug/L	single							0.0	8	n < 10	AL07DD0005 (M5)	108705
Total Metals	Uranium, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108705
Total Metals	Uranium, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108705
Total Metals	Uranium, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108705
Total Metals	Vanadium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108706
Total Metals	Yttrium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	0.0	48	quantile type 6	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108708
Total Metals	Zinc, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6				AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108709
Total Metals	Zinc, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0004 (M4)	108709
Total Metals	Zinc, Unfiltered	ug/L	single							0.0	9	n < 10	AL07DD0005 (M5)	108709
Total Metals	Zinc, Unfiltered	ug/L	single							0.0	13	quantile type 6	AL07DD0007 (M7)	108709
Total Metals	Zinc, Unfiltered	ug/L	single							0.0	14	quantile type 6	AL07DD0008 (M3)	108709
Total Metals	Zinc, Unfiltered	ug/L	single							0.0	3	n < 10	AL07DD0009 (M6)	108709
Total Metals	Zirconium, Unfiltered	ug/L	all sites	0.0	51	quantile type 6	0.0	55	quantile type 6	2.1	47	robust ROS	AL07DD0004 (M4), AL07DD0005 (M5), AL07DD0007 (M7), AL07DD0008 (M3), AL07DD0009 (M6)	108710

5 Water - Athabasca River Delta

				High Flow			Open Water			Under Ice				
Grouping	Parameter	Unit	Grouping	Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note	Sites	Method Identifiers
Bacteria	Escherichia coli	No/10 mL	all sites	61.9	21	robust ROS	82.6	23	censored > 80%	90.9	55	censored > 80%	AB07DD0010, AB07DD0105	100632
Bacteria	Fecal Coliform	No/100 mL	all sites	63.6	22	robust ROS	73.9	23	robust ROS	82.1	56	censored > 80%	AB07DD0010, AB07DD0105	100629
Bacteria	Total Coliform	No/10 mL	all sites							0.0	2	n < 10	AB07DD0010, AB07DD0105	100628
Conventional Variables	Alkalinity, Phenolphthalein (total hydroxide+1/2 carbonate) as CaCO3	mg/L	all sites	100.0	23	censored > 80%	100.0	23	censored > 80%	100.0	57	censored > 80%	AB07DD0010, AB07DD0105	10151, 1593
Conventional Variables	Alkalinity, total as CaCO3	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	1592
Conventional Variables	Deuterium/Hydrogen ratio	o/oo VS-MOW	all sites	0.0	14	quantile type 6	0.0	15	quantile type 6	0.0	42	quantile type 6	AB07DD0010, AB07DD0105	5155
Conventional Variables	Dissolved oxygen (DO)	mg/L	all sites							0.0	1	n < 10	AB07DD0105	8101
Conventional Variables	Organic carbon, Filtered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	6104, 6107
Conventional Variables	Organic carbon, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	2	n < 10	0.0	3	n < 10	AB07DD0010, AB07DD0105	6005
Conventional Variables	Organic carbon, Unknown	mg/L	all sites	0.0	18	quantile type 6	0.0	21	quantile type 6	0.0	54	quantile type 6	AB07DD0010, AB07DD0105	22214
Conventional Variables	Oxidation reduction potential (ORP)	mV	all sites	0.0	22	quantile type 6	0.0	24	quantile type 6				AB07DD0010	2031
Conventional Variables	Oxidation reduction potential (ORP)	mV	single							0.0	23	quantile type 6	AB07DD0010	2031
Conventional Variables	Oxidation reduction potential (ORP)	mV	single							0.0	32	quantile type 6	AB07DD0105	2031
Conventional Variables	Oxygen-18	o/oo VS-MOW	all sites	0.0	14	quantile type 6	0.0	15	quantile type 6	0.0	42	quantile type 6	AB07DD0010, AB07DD0105	5154
Conventional Variables	Specific conductivity	uS/cn	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2041
Conventional Variables	Temperature, air	degC	all sites	0.0	19	quantile type 6	0.0	17	quantile type 6	0.0	54	quantile type 6	AB07DD0010, AB07DD0105	97060
Conventional Variables	Total dissolved solids, Filtered	mg/L	all sites	0.0	20	quantile type 6	0.0	21	quantile type 6	0.0	55	quantile type 6	AB07DD0010, AB07DD0105	2004
Conventional Variables	Total suspended solids, Non-Filterable (Particle)	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	3.5	57	robust ROS	AB07DD0010, AB07DD0105	2005
Conventional Variables	True colour, Filtered	rel units	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	22213
Conventional Variables	Turbidity	NTU	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2002
Conventional Variables	pH, lab	pH units	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6				AB07DD0010	10301

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Conventional Variables	pH, lab	pH units	single							0.0	23	quantile type 6	AB07DD0010	10301
Conventional Variables	pH, lab	pH units	single							0.0	34	quantile type 6	AB07DD0105	10301
Dissolved Metals	Aluminum, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103927
Dissolved Metals	Antimony, Filtered	ug/L	all sites	50.0	24	robust ROS	82.6	23	censored > 80%				AB07DD0010	103951
Dissolved Metals	Antimony, Filtered	ug/L	single							100.0	24	censored > 80%	AB07DD0010	103951
Dissolved Metals	Antimony, Filtered	ug/L	single							89.5	38	censored > 80%	AB07DD0105	103951
Dissolved Metals	Arsenic, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103928
Dissolved Metals	Barium, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103930
Dissolved Metals	Beryllium, Filtered	ug/L	all sites	61.9	21	robust ROS	77.8	18	robust ROS	70.0	40	robust ROS	AB07DD0010, AB07DD0105	103931
Dissolved Metals	Bismuth, Filtered	ug/L	all sites	61.9	21	robust ROS	64.7	17	robust ROS	82.6	46	censored > 80%	AB07DD0010, AB07DD0105	103932
Dissolved Metals	Boron, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103929
Dissolved Metals	Cadmium, Filtered	ug/L	all sites	4.2	24	robust ROS	0.0	23	quantile type 6	1.6	62	robust ROS	AB07DD0010, AB07DD0105	103934
Dissolved Metals	Calcium, Filtered	mg/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103933
Dissolved Metals	Chlorine, Filtered	mg/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103935
Dissolved Metals	Chromium, Filtered	ug/L	all sites	63.6	22	robust ROS	71.4	21	robust ROS	68.6	51	MLE gamma	AB07DD0010, AB07DD0105	103937
Dissolved Metals	Cobalt, Filtered	ug/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6				AB07DD0010	103936
Dissolved Metals	Cobalt, Filtered	ug/L	single							4.2	24	robust ROS	AB07DD0010	103936
Dissolved Metals	Cobalt, Filtered	ug/L	single							5.3	38	robust ROS	AB07DD0105	103936
Dissolved Metals	Copper, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103938
Dissolved Metals	Iron, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103939
Dissolved Metals	Lead, Filtered	ug/L	all sites	4.3	23	robust ROS	13.0	23	robust ROS	11.3	62	robust ROS	AB07DD0010, AB07DD0105	103949
Dissolved Metals	Lithium, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103942
Dissolved Metals	Manganese, Filtered	ug/L	all sites	0.0	24	quantile type 6	4.3	23	robust ROS	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103944
Dissolved Metals	Mercury, Filtered	ng/L	all sites	0.0	9	n < 10	0.0	9	n < 10	0.0	27	quantile type 6	AB07DD0010, AB07DD0105	109749

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Dissolved Metals	Methylmercury(1+), Filtered	ng/L	all sites	0.0	12	quantile type 6	0.0	12	quantile type 6	0.0	38	quantile type 6	AB07DD0010, AB07DD0105	2098
Dissolved Metals	Molybdenum, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103945
Dissolved Metals	Nickel, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	1.6	62	robust ROS	AB07DD0010, AB07DD0105	103947
Dissolved Metals	Selenium, Filtered	ug/L	all sites	72.7	22	robust ROS	76.2	21	robust ROS	21.3	61	robust ROS	AB07DD0010, AB07DD0105	103952
Dissolved Metals	Silver, Filtered	ug/L	all sites	66.7	18	robust ROS	71.4	14	robust ROS	80.0	45	robust ROS	AB07DD0010, AB07DD0105	103926
Dissolved Metals	Strontium, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103955
Dissolved Metals	Thallium, Filtered	ug/L	all sites	8.3	24	robust ROS	8.7	23	robust ROS	1.6	61	robust ROS	AB07DD0010, AB07DD0105	103958
Dissolved Metals	Thorium, Filtered	ug/L	all sites	0.0	23	quantile type 6	0.0	22	quantile type 6	5.5	55	robust ROS	AB07DD0010, AB07DD0105	103956
Dissolved Metals	Tin, Filtered	ug/L	all sites	93.3	15	censored > 80%	100.0	14	censored > 80%	88.6	44	censored > 80%	AB07DD0010, AB07DD0105	103954
Dissolved Metals	Titanium, Filtered	ug/L	all sites	4.2	24	robust ROS	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103957
Dissolved Metals	Uranium, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6				AB07DD0010	103959
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	24	quantile type 6	AB07DD0010	103959
Dissolved Metals	Uranium, Filtered	ug/L	single							0.0	38	quantile type 6	AB07DD0105	103959
Dissolved Metals	Vanadium, Filtered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103960
Dissolved Metals	Zinc, Filtered	ug/L	all sites	16.7	24	robust ROS	9.1	22	robust ROS				AB07DD0010	103961
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	24	quantile type 6	AB07DD0010	103961
Dissolved Metals	Zinc, Filtered	ug/L	single							0.0	38	quantile type 6	AB07DD0105	103961
Extractable Metals	Aluminum, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103963
Extractable Metals	Antimony, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103987
Extractable Metals	Arsenic, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103964
Extractable Metals	Barium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103966
Extractable Metals	Beryllium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103967
Extractable Metals	Bismuth, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103968

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Extractable Metals	Boron, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103965
Extractable Metals	Cadmium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103970
Extractable Metals	Calcium, Unfiltered	mg/L	all sites							0.0	1	n < 10	AB07DD0105	103969
Extractable Metals	Chromium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103973
Extractable Metals	Cobalt, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103972
Extractable Metals	Copper, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103974
Extractable Metals	Iron, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103975
Extractable Metals	Lead, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103985
Extractable Metals	Lithium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103978
Extractable Metals	Manganese, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103980
Extractable Metals	Molybdenum, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103981
Extractable Metals	Nickel, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103983
Extractable Metals	Selenium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103988
Extractable Metals	Silver, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103962
Extractable Metals	Strontium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103991
Extractable Metals	Thallium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103994
Extractable Metals	Thorium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103992
Extractable Metals	Tin, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103990
Extractable Metals	Titanium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103993
Extractable Metals	Uranium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103995
Extractable Metals	Vanadium, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103996
Extractable Metals	Zinc, Unfiltered	ug/L	all sites							0.0	1	n < 10	AB07DD0105	103997
Field	Colour (visual)	1	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	55	quantile type 6	AB07DD0010, AB07DD0105	106257

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Field	Depth, snow cover	m	all sites							0.0	54	quantile type 6	AB07DD0010, AB07DD0105	106267
Field	Dissolved oxygen (DO)	mg/L	all sites	0.0	26	quantile type 6	0.0	27	quantile type 6				AB07DD0010	2000, 80558
Field	Dissolved oxygen (DO)	mg/L	single							0.0	26	quantile type 6	AB07DD0010	2000, 80558
Field	Dissolved oxygen (DO)	mg/L	single							0.0	41	quantile type 6	AB07DD0105	2000, 80558
Field	Floating solids or foam	1	all sites	0.0	23	quantile type 6	0.0	24	quantile type 6	0.0	56	quantile type 6	AB07DD0010, AB07DD0105	106258
Field	Ice cover	%	all sites							0.0	56	quantile type 6	AB07DD0010, AB07DD0105	106263
Field	Ice thickness	m	single							0.0	22	quantile type 6	AB07DD0010	106266
Field	Ice thickness	m	single							0.0	33	quantile type 6	AB07DD0105	106266
Field	Odor	1	all sites	0.0	22	quantile type 6	0.0	23	quantile type 6	0.0	56	quantile type 6	AB07DD0010, AB07DD0105	106260
Field	Snow cover	%	all sites				0.0	1	n < 10	0.0	110	quantile type 6	AB07DD0010, AB07DD0105	106264, 106265
Field	Specific conductivity	uS/cm	all sites	0.0	22	quantile type 6	0.0	24	quantile type 6				AB07DD0010	100924
Field	Specific conductivity	uS/cn	single							0.0	22	quantile type 6	AB07DD0010	100924
Field	Specific conductivity	uS/cm	single							0.0	33	quantile type 6	AB07DD0105	100924
Field	Temperature, water	degC	all sites	0.0	23	quantile type 6	0.0	24	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	100925
Field	Turbidity, visual	1	all sites	0.0	23	quantile type 6	0.0	24	quantile type 6	0.0	56	quantile type 6	AB07DD0010, AB07DD0105	106259
Field	pH	pH units	all sites	0.0	22	quantile type 6	0.0	24	quantile type 6				AB07DD0010	100923
Field	pH	pH units	single							0.0	22	quantile type 6	AB07DD0010	100923
Field	pH	pH units	single							0.0	32	quantile type 6	AB07DD0105	100923
General Organics	12-Chlorodehydroabietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74319
General Organics	14-Chlorodehydroabietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74320
General Organics	2,4-Dinitrotoluene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100732
General Organics	2,6-Dinitrotoluene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100733
General Organics	2-Chloroethyl vinyl ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95207

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
General Organics	3,4,5-Trichlorocatechol	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	80214, 80216
General Organics	3,4,5-Trichloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80215
General Organics	3,4,6-Trichlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80217
General Organics	3,4,6-Trichloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80218
General Organics	3,4-Dichlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80219
General Organics	3,4-Dichloroguaiacol	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80220
General Organics	3,5-Dichlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80221
General Organics	3,6-Dichlorocatechol	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80222
General Organics	4,5,6-Trichloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80223
General Organics	4,5,6-Trichlorosyringol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80176
General Organics	4,5-Dichlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80177
General Organics	4,5-Dichloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80178
General Organics	4,5-Dichloroveratrole	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80179
General Organics	4,6-Dichloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80180
General Organics	4-Chlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80181
General Organics	4-Chloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80182
General Organics	Abietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74322
General Organics	Arachidic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74323
General Organics	BTEX, Total	mg/L	all sites	100.0	3	n < 10	100.0	3	n < 10	100.0	17	censored > 80%	AB07DD0010, AB07DD0105	109455
General Organics	Benzene	ug/L	all sites	100.0	1	n < 10	50.0	2	n < 10				AB07DD0010	106092, 108880
General Organics	Benzidine	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100731
General Organics	C10-C16 Hydrocarbons	ug/L	all sites	100.0	8	n < 10	100.0	7	n < 10	100.0	19	censored > 80%	AB07DD0010, AB07DD0105	106097, 107876, 18529

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
General Organics	C16-C34 Hydrocarbons	ug/L	all sites	93.3	15	censored > 80%	91.7	12	censored > 80%	100.0	29	censored > 80%	AB07DD0010, AB07DD0105	106098, 107878, 18536
General Organics	C34-C50 Hydrocarbons	ug/L	all sites	100.0	4	n < 10	88.9	9	n < 10	100.0	19	censored > 80%	AB07DD0010, AB07DD0105	107880, 108342, 18537
General Organics	C6-C10 Hydrocarbons	ug/L	all sites	100.0	5	n < 10	100.0	8	n < 10	100.0	24	censored > 80%	AB07DD0010, AB07DD0105	106091, 107874, 109452
General Organics	Cumene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100647
General Organics	Cyanide, Unknown	mg/L	all sites	81.8	11	censored > 80%	100.0	5	n < 10	83.3	6	n < 10	AB07DD0010, AB07DD0105	97806
General Organics	Dehydroabietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74324
General Organics	Ethylbenzene	ug/L	all sites	100.0	1	n < 10	100.0	2	n < 10	100.0	1	n < 10	AB07DD0010, AB07DD0105	106094, 108916
General Organics	Isophorone	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100749
General Organics	Isopimaric acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74326
General Organics	Levopimaric acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74327
General Organics	Linoleic acid	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	74328, 74329
General Organics	Methyl tert-butyl ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	102608
General Organics	Myristic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74330
General Organics	N-Nitrosodi-n-propylamine	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100737
General Organics	N-Nitrosodiphenylamine	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100736
General Organics	Naphthenic acids	mg/L	all sites	13.3	15	robust ROS	25.0	12	robust ROS	9.1	33	robust ROS	AB07DD0010, AB07DD0105	108338
General Organics	Neoabietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74331
General Organics	Nitrobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100735
General Organics	Oilsands extractable organics	mg/L	all sites	0.0	15	quantile type 6	0.0	14	quantile type 6	3.0	33	robust ROS	AB07DD0010, AB07DD0105	108477
General Organics	Oleic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74332
General Organics	Palmitic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74333
General Organics	Palustric acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74334

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
General Organics	Pimaric acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74335
General Organics	S-Ethyl dipropylthio-carbamate	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47479
General Organics	Sandaracopimaric acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74336
General Organics	Stearic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74337
General Organics	Styrene	ug/L	all sites	100.0	3	n < 10	100.0	3	n < 10	100.0	19	censored > 80%	AB07DD0010, AB07DD0105	109443, 95223
General Organics	Tetrachlorocatechol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80188
General Organics	Tetrachloroguaiacol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80189
General Organics	Tetrachloroveratrole	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80190
General Organics	Toluene	ug/L	all sites	100.0	1	n < 10	100.0	2	n < 10	100.0	1	n < 10	AB07DD0010, AB07DD0105	106093, 108925
General Organics	Vinyl chloride	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95232
General Organics	Xylene	ug/L	all sites	100.0	3	n < 10	100.0	3	n < 10	100.0	17	censored > 80%	AB07DD0010, AB07DD0105	109454
General Organics	m,p-Xylene	ug/L	all sites	100.0	1	n < 10	50.0	2	n < 10	50.0	2	n < 10	AB07DD0010, AB07DD0105	106095, 108937
General Organics	n-Butylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100637
General Organics	n-Propylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100650
General Organics	o-Xylene	ug/L	all sites	100.0	1	n < 10	100.0	2	n < 10	0.0	1	n < 10	AB07DD0010, AB07DD0105	106096, 108936
General Organics	p-Cymene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100648
General Organics	sec-Butylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100635
General Organics	tert-Butylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100636
Major Ions	Calcium, Filtered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	20111
Major Ions	Chlorate, Unfiltered	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100537
Major Ions	Chloride, Unfiltered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2003
Major Ions	Fluoride, Unfiltered	mg/L	all sites	0.0	17	quantile type 6	0.0	15	quantile type 6	0.0	30	quantile type 6	AB07DD0010, AB07DD0105	9105
Major Ions	Magnesium, Filtered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6				AB07DD0010	12111

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Major Ions	Magnesium, Filtered	mg/L	single							0.0	23	quantile type 6	AB07DD0010	12111
Major Ions	Magnesium, Filtered	mg/L	single							0.0	34	quantile type 6	AB07DD0105	12111
Major Ions	Potassium, Filtered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	19111
Major Ions	Sodium, Filtered	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	11111
Major Ions	Sulfate, Unfiltered as SO4	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	1599
Major Ions	Sulfide, Unfiltered	mg/L	all sites							50.0	2	n < 10	AB07DD0010, AB07DD0105	102629
Nutrients and BOD	Ammonia and ammonium, Unfiltered as N	mg/L	all sites	86.4	22	censored > 80%	77.8	18	robust ROS	46.4	56	robust ROS	AB07DD0010, AB07DD0105	2007
Nutrients and BOD	Biochemical oxygen demand, standard conditions, Filtered	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	8202
Nutrients and BOD	Carbonaceous biochemical oxygen demand, non-standard conditions	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	8218
Nutrients and BOD	Chlorophyll a	ug/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	99212
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Unfiltered as N	mg/L	all sites	6.3	16	robust ROS	87.5	8	n < 10	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	102649
Nutrients and BOD	Kjeldahl nitrogen, Unfiltered as N	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2009
Nutrients and BOD	Nitrate, Unfiltered as N	mg/L	all sites	6.3	16	robust ROS	87.5	8	n < 10	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	102647
Nutrients and BOD	Nitrite, Unfiltered as N	mg/L	all sites	100.0	3	n < 10	100.0	1	n < 10	100.0	14	censored > 80%	AB07DD0010, AB07DD0105	102648
Nutrients and BOD	Orthophosphate, Filtered as P	mg/L	all sites	55.6	18	robust ROS	94.4	18	censored > 80%	50.0	48	robust ROS	AB07DD0010, AB07DD0105	2014
Nutrients and BOD	Silica, reactive, Unknown	mg/L	all sites	0.0	11	quantile type 6	0.0	5	n < 10	0.0	6	n < 10	AB07DD0010, AB07DD0105	14106
Nutrients and BOD	Total Phosphorus, mixed forms, Filtered as P	mg/L	all sites	4.3	23	robust ROS	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2010
Nutrients and BOD	Total Phosphorus, mixed forms, Unfiltered as P	mg/L	all sites	0.0	23	quantile type 6	0.0	23	quantile type 6	0.0	57	quantile type 6	AB07DD0010, AB07DD0105	2013
Organohalides	1,1,1,2-Tetrachloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100651
Organohalides	1,1,1-Trichloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95227

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Organohalides	1,1,2,2-Tetrachloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95224
Organohalides	1,1,2-Trichloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95228
Organohalides	1,1-Dichloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95214
Organohalides	1,1-Dichloroethylene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95216
Organohalides	1,2,3-Trichlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100652
Organohalides	1,2,3-Trichloropropane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100655
Organohalides	1,2,4-Trichlorobenzene	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	100653, 100730
Organohalides	1,2,4-Trimethylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100656
Organohalides	1,2-Dibromo-3-chloropropane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100640
Organohalides	1,2-Dichloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95215
Organohalides	1,2-Dichloropropane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95218
Organohalides	1,2-Diphenylhydrazine	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100734
Organohalides	1,3,5-Trimethylbenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100657
Organohalides	1,3-DICHLOROPROPANE	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100644
Organohalides	1,3-Dichlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95212
Organohalides	1-Propene, 1,1-dichloro-	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100645
Organohalides	12,14-Dichlorodehydroabietic acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74318
Organohalides	2,2-Dichloropropane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100643
Organohalides	2,4,6-Trichloroanisole	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80191
Organohalides	2,6-Dichlorosyringaldehyde	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80212
Organohalides	2-Chloronaphthalene	ng/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100725
Organohalides	2-Chlorosyringaldehyde	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80213
Organohalides	4-Bromophenyl phenyl ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100738

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Organohalides	5,6-Dichlorovanillin	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80184
Organohalides	5-Chlorovanillin	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80185
Organohalides	6-Chlorovanillin	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80186
Organohalides	9,10-Dichlorostearic Acid	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	74321
Organohalides	Adsorbable Organic Halide	ug/L	all sites							0.0	2	n < 10	AB07DD0010, AB07DD0105	102640
Organohalides	Bis(2-chloroethoxy)methane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100739
Organohalides	Bis(2-chloroethyl) ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100740
Organohalides	Bis(2-chloroisopropyl) ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100741
Organohalides	Bromobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100634
Organohalides	CFC-11	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95229
Organohalides	Carbon tetrachloride	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95204
Organohalides	Chlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95205
Organohalides	Chlorodibromomethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95209
Organohalides	Chloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95206
Organohalides	Chloroform	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95208
Organohalides	Chloromethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	106204
Organohalides	Dibromomethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95210
Organohalides	Dichlorobromomethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95201
Organohalides	Ethylene dibromide	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100641
Organohalides	Hexachlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100726
Organohalides	Hexachlorobutadiene	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	100646, 100727
Organohalides	Hexachlorocyclopentadiene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100728
Organohalides	Hexachloroethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100729

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Organohalides	Methyl bromide	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95203
Organohalides	Methylene chloride	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95222
Organohalides	Tetrachloroethylene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95225
Organohalides	Tribromomethane	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95202
Organohalides	Trichloroethylene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100654
Organohalides	cis-1,2-Dichloroethylene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100642
Organohalides	cis-1,3-Dichloropropene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95219
Organohalides	o-Chlorotoluene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100638
Organohalides	o-Dichlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95211
Organohalides	p-Chlorophenyl phenyl ether	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100742
Organohalides	p-Chlorotoluene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100639
Organohalides	p-Dichlorobenzene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95213
Organohalides	trans-1,2-Dichloroethene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95217
Organohalides	trans-1,3-Dichloropropene	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	95220
PAHs	1-Methylnaphthalene	ng/L	all sites	100.0	5	n < 10	100.0	4	n < 10	92.3	13	censored > 80%	AB07DD0010, AB07DD0105	108348
PAHs	2-Methylnaphthalene	ng/L	all sites	100.0	5	n < 10	100.0	4	n < 10	85.7	14	censored > 80%	AB07DD0010, AB07DD0105	108349
PAHs	3-Methylcholanthrene	ng/L	all sites							100.0	3	n < 10	AB07DD0105	103142
PAHs	7,12-Dimethylbenz[a]anthrac	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103143
PAHs	Acenaphthene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100709, 103144, 108350
PAHs	Acenaphthylene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100710, 103145, 108351
PAHs	Anthracene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100711, 103147, 108352
PAHs	Benz[a]anthracene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100712, 103148, 108353

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	Benzo(b)fluoranthene	ng/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100713
PAHs	Benzo[a]pyrene	ng/L	all sites	100.0	1	n < 10				100.0	2	n < 10	AB07DD0010, AB07DD0105	100716, 108354
PAHs	Benzo[b,j,k]fluoranthene	ug/L	all sites	100.0	6	n < 10	100.0	4	n < 10	100.0	10	censored > 80%	AB07DD0010, AB07DD0105	108355
PAHs	Benzo[c]phenanthrene	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103151
PAHs	Benzo[e]pyrene	ng/L	all sites	100.0	8	n < 10	100.0	7	n < 10	94.4	18	censored > 80%	AB07DD0010, AB07DD0105	103152, 110104
PAHs	Benzo[ghi]perylene	ng/L	all sites	100.0	1	n < 10				100.0	2	n < 10	AB07DD0010, AB07DD0105	100715, 108356
PAHs	Benzo[k]fluoranthene	ng/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100714
PAHs	C1-Dibenzothiophenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108358
PAHs	C1-Fluoranthenes/pyrenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108359
PAHs	C2-Chrysenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108362
PAHs	C2-Dibenzothiophenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108363
PAHs	C2-Fluoranthenes/pyrenes	ng/L	all sites	100.0	11	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108364
PAHs	C2-Fluorenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	19	censored > 80%	AB07DD0010, AB07DD0105	108365
PAHs	C2-Naphthalenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108366
PAHs	C2-Phenanthrenes/anthracenes	ug/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108367
PAHs	C3-Chrysenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108368
PAHs	C3-Dibenzothiophenes	ng/L	all sites	100.0	11	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108369
PAHs	C3-Fluoranthenes/pyrenes	ng/L	all sites	100.0	11	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108370
PAHs	C3-Fluorenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108371
PAHs	C3-Naphthalenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108372
PAHs	C3-Phenanthrenes/anthracenes	ug/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108373
PAHs	C4-Chrysenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108374
PAHs	C4-Dibenzothiophenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108375
PAHs	C4-Fluoranthenes/pyrenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108376

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
PAHs	C4-Fluorenes	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108377
PAHs	C4-Naphthalenes	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	33	censored > 80%	AB07DD0010, AB07DD0105	108378
PAHs	C4-Phenanthrenes/anthracenes	ug/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108379
PAHs	Chrysene	ng/L	all sites	100.0	2	n < 10				100.0	2	n < 10	AB07DD0010, AB07DD0105	100717, 108380
PAHs	Dibenz[a,h]anthracene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100718, 103158, 108381
PAHs	Dibenzo[a,h]pyrene	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103155
PAHs	Dibenzo[a,i]pyrene	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103156
PAHs	Dibenzo[a,l]pyrene	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103157
PAHs	Fluoranthene	ng/L	all sites	100.0	1	n < 10				100.0	3	n < 10	AB07DD0010, AB07DD0105	100719, 108383
PAHs	Fluorene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100720, 103160, 108384
PAHs	Indeno[1,2,3-cd]pyrene	ng/L	all sites	100.0	18	censored > 80%	100.0	15	censored > 80%	100.0	38	censored > 80%	AB07DD0010, AB07DD0105	100721, 103161, 108385
PAHs	Methylchrysene	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108357
PAHs	Methylfluorene	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108360
PAHs	Methylphenanthrene	ng/L	all sites	100.0	10	censored > 80%	100.0	8	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	108361
PAHs	Naphthalene	ng/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100649
PAHs	Perylene	ng/L	all sites	100.0	8	n < 10	100.0	7	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	107132, 110105
PAHs	Phenanthrene	ng/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100723
PAHs	Pyrene	ng/L	all sites	100.0	2	n < 10				100.0	4	n < 10	AB07DD0010, AB07DD0105	100724, 108388
PAHs	Retene	ng/L	all sites	100.0	8	n < 10	100.0	7	n < 10	100.0	18	censored > 80%	AB07DD0010, AB07DD0105	103761, 110106
Pesticide	.alpha.-Endosulfan	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100671, 47461
Pesticide	.lambda.-Cyhalothrin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47490
Pesticide	2,4-D	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100667, 47454
Pesticide	2,4-DB	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100668, 47455

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Pesticide	2-Chloro-4-isopropylamino-6-amino-s-triazine	ug/L	all sites	100.0	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102609
Pesticide	2-Choro-6-ethylamino-4-amino-s-triazine	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102610, 47473
Pesticide	Aldicarb	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47515, 97938
Pesticide	Aldicarb sulfone	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47516
Pesticide	Aldicarb sulfoxide	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47517
Pesticide	Aldrin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102929, 47460
Pesticide	Aminocarb	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47518
Pesticide	Aminopyralid	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	106769, 47519
Pesticide	Atrazine	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100674, 47462
Pesticide	Atrazine de-ethylated	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47472
Pesticide	Azinphos-methyl	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100687, 47487
Pesticide	Azoxystrobin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47520
Pesticide	Benomyl	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47521
Pesticide	Bentazon	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47522, 99897
Pesticide	Benzene Hexachloride, Alpha (BHC)	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100670, 47459
Pesticide	Bromacil	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100675, 47463
Pesticide	Bromoxynil	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100676, 47523
Pesticide	Carbaryl	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47524
Pesticide	Carbofuran	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47525
Pesticide	Carboxin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100677, 47464
Pesticide	Chlorothalonil	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47465, 99889
Pesticide	Chlorpyrifos	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100684, 47466
Pesticide	Clodinafop acid metabolite	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47467, 99881
Pesticide	Clodinafop-propargyl	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47468, 99880
Pesticide	Clopyralid	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100688, 47469
Pesticide	Clothianidin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47526

(continued)

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Pesticide	Cyanazine	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100678, 47470
Pesticide	Deltamethrin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47471
Pesticide	Diazinon	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100679, 47474
Pesticide	Dicamba	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	103639, 47475
Pesticide	Dichlorprop	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100669, 47457
Pesticide	Diclofop methyl	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100681, 47476
Pesticide	Dieldrin	ug/L	all sites	100.0	3	n < 10	0.0	1	n < 10				AB07DD0010	47477
Pesticide	Difenoconazole	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47527
Pesticide	Dimethoate	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102618, 47528
Pesticide	Disulfoton	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100682, 47478
Pesticide	Diuron	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100683, 47529
Pesticide	Ethalfluralin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100685, 47480
Pesticide	Ethion	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100686, 47481
Pesticide	Ethofumesate	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47482, 99898
Pesticide	Fenoxaprop-p-ethyl	ug/L	all sites	100.0	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102613
Pesticide	Fenoxaprop-p-methyl	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47483
Pesticide	Fluazifop-P-butyl	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47484, 99894
Pesticide	Fluroxypyr	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47485, 99895
Pesticide	Hexaconazole	ug/L	all sites	100.0	6	n < 10	100.0	5	n < 10				AB07DD0010	99892
Pesticide	Imazamethabenz-methyl	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102088, 47530
Pesticide	Imazamox	ug/L	all sites	100.0	6	n < 10	100.0	5	n < 10				AB07DD0010	103141
Pesticide	Imazethapyr	ug/L	all sites	92.3	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102612
Pesticide	Imidacloprid	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47533
Pesticide	Iprodione	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47489, 99890
Pesticide	Lindane	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100672, 47486
Pesticide	Linuron	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47534, 99899
Pesticide	MCPA	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100690, 47492

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Pesticide	MCPB	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100691, 47493
Pesticide	Malathion	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100689, 47491
Pesticide	Mecoprop	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100692, 47494
Pesticide	Metalaxyl-M	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47495, 99893
Pesticide	Metconazole	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47535
Pesticide	Methomyl	ug/L	all sites	90.0	10	censored > 80%	100.0	5	n < 10				AB07DD0010	47536, 97934
Pesticide	Methoxychlor	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100673, 47500
Pesticide	Metolachlor	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102935, 47496
Pesticide	Metribuzin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	103631, 47497
Pesticide	Monuron	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47537
Pesticide	Napropamide	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47498, 74365
Pesticide	OH-Carbofuran	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47538
Pesticide	Oxycarboxin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47499, 97933
Pesticide	Parathion	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	103630, 47501
Pesticide	Permethrin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47502
Pesticide	Phorate	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100694, 47503
Pesticide	Picloram	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100693, 47504
Pesticide	Picoxystrobin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47539
Pesticide	Propiconazole	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47505, 99891
Pesticide	Prothioconazole	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47540
Pesticide	Pyraclostrobin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47541
Pesticide	Pyridaben	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102614, 47506
Pesticide	Quinclorac	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	102611, 47507
Pesticide	Quizalofop	ug/L	all sites	92.3	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	99896
Pesticide	Simazine	ug/L	all sites	92.3	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	103824
Pesticide	Tebuconazole	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47542
Pesticide	Terbufos	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100695, 47510

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Pesticide	Thiamethoxam	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47543, 74474
Pesticide	Triallate	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100696, 47511
Pesticide	Triclopyr	ug/L	all sites	100.0	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	103825
Pesticide	Trifloxystrobin	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47544
Pesticide	Trifluralin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	100697, 47513
Pesticide	Triticonazole	ug/L	all sites	100.0	3	n < 10	100.0	1	n < 10				AB07DD0010	47545
Pesticide	Vinclozolin	ug/L	all sites	100.0	16	censored > 80%	100.0	12	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	47514, 97932
Phenolics	2,3,4,6-Tetrachlorophenol	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	103632, 97852
Phenolics	2,4,5-Trichlorophenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80162
Phenolics	2,4,6-Trichlorophenol	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	100708, 97853
Phenolics	2,4-Dichlorophenol	ug/L	all sites				100.0	1	n < 10	100.0	2	n < 10	AB07DD0010, AB07DD0105	100700, 47456
Phenolics	2,4-Dichlorophenol/2,5-Dichlorophenol	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80173
Phenolics	2,4-Dimethylphenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100701
Phenolics	2,4-Dinitrophenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100703
Phenolics	2,6-Dichlorophenol	mg/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	97845
Phenolics	4,6-Dinitro-o-cresol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100702
Phenolics	4-Chloro-2-methylphenol	ug/L	all sites	92.3	13	censored > 80%	100.0	11	censored > 80%	100.0	2	n < 10	AB07DD0010, AB07DD0105	99887
Phenolics	4-Chlorophenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	80183
Phenolics	Pentachlorophenol	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	100706, 80187
Phenolics	Phenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100707
Phenolics	Phenolics	mg/L	all sites	16.7	12	robust ROS	8.3	12	robust ROS	25.0	28	robust ROS	AB07DD0010, AB07DD0105	6537
Phenolics	o-Chlorophenol	ug/L	all sites							100.0	4	n < 10	AB07DD0010, AB07DD0105	100699, 97841
Phenolics	o-Nitrophenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100704
Phenolics	p-Chloro-m-cresol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100698

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Phenolics	p-Nitrophenol	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100705
Phthalates	Butyl benzyl phthalate	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100743
Phthalates	Di(2-ethoxylhexyl) phthalate	ug/L	all sites							0.0	2	n < 10	AB07DD0010, AB07DD0105	100748
Phthalates	Di-n-octyl phthalate	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100747
Phthalates	Dibutyl phthalate	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100744
Phthalates	Diethyl phthalate	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100745
Phthalates	Dimethyl phthalate	ug/L	all sites							100.0	2	n < 10	AB07DD0010, AB07DD0105	100746
Target PANHs	Acridine	ug/L	all sites							100.0	3	n < 10	AB07DD0105	103146
Total Metals	Chromium(VI), Unknown	mg/L	all sites	100.0	10	censored > 80%	100.0	5	n < 10	100.0	6	n < 10	AB07DD0010, AB07DD0105	24101
Total Metals	Mercury, Unfiltered	ng/L	all sites	0.0	15	quantile type 6	0.0	14	quantile type 6	0.0	63	quantile type 6	AB07DD0010, AB07DD0105	109748, 74475
Total Metals	Methylmercury(1+), Unfiltered	ng/L	all sites	0.0	18	quantile type 6	0.0	18	quantile type 6	0.0	49	quantile type 6	AB07DD0010, AB07DD0105	109750
Total Recoverable Metals	Aluminum, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	103999
Total Recoverable Metals	Antimony, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80043
Total Recoverable Metals	Arsenic, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80020
Total Recoverable Metals	Barium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80022
Total Recoverable Metals	Beryllium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	43.6	55	robust ROS	AB07DD0010, AB07DD0105	80023
Total Recoverable Metals	Bismuth, Unfiltered	ug/L	all sites	0.0	23	quantile type 6	11.8	17	robust ROS	54.5	44	robust ROS	AB07DD0010, AB07DD0105	80024
Total Recoverable Metals	Boron, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80021
Total Recoverable Metals	Cadmium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80026

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Recoverable Metals	Calcium, Unfiltered	mg/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80025
Total Recoverable Metals	Chlorine, Unfiltered	mg/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80027
Total Recoverable Metals	Chromium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	12.9	62	robust ROS	AB07DD0010, AB07DD0105	80029
Total Recoverable Metals	Cobalt, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80028
Total Recoverable Metals	Copper, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80030
Total Recoverable Metals	Iron, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80031
Total Recoverable Metals	Lead, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80041
Total Recoverable Metals	Lithium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80034
Total Recoverable Metals	Manganese, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80036
Total Recoverable Metals	Molybdenum, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80037
Total Recoverable Metals	Nickel, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80039
Total Recoverable Metals	Selenium, Unfiltered	ug/L	all sites	13.6	22	robust ROS	34.8	23	robust ROS	9.8	61	robust ROS	AB07DD0010, AB07DD0105	80044
Total Recoverable Metals	Silver, Unfiltered	ug/L	all sites	0.0	22	quantile type 6	9.1	22	robust ROS				AB07DD0010	103998
Total Recoverable Metals	Silver, Unfiltered	ug/L	single							21.7	23	robust ROS	AB07DD0010	103998
Total Recoverable Metals	Silver, Unfiltered	ug/L	single							17.1	35	robust ROS	AB07DD0105	103998
Total Recoverable Metals	Strontium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80047

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Recoverable Metals	Thallium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	1.6	62	robust ROS	AB07DD0010, AB07DD0105	80053
Total Recoverable Metals	Thorium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80048
Total Recoverable Metals	Tin, Unfiltered	ug/L	all sites	72.7	22	robust ROS	84.2	19	censored > 80%	76.5	51	MLE gamma	AB07DD0010, AB07DD0105	80046
Total Recoverable Metals	Titanium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80049
Total Recoverable Metals	Uranium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6				AB07DD0010	80054
Total Recoverable Metals	Uranium, Unfiltered	ug/L	single							0.0	24	quantile type 6	AB07DD0010	80054
Total Recoverable Metals	Uranium, Unfiltered	ug/L	single							0.0	38	quantile type 6	AB07DD0105	80054
Total Recoverable Metals	Vanadium, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6	0.0	62	quantile type 6	AB07DD0010, AB07DD0105	80055
Total Recoverable Metals	Zinc, Unfiltered	ug/L	all sites	0.0	24	quantile type 6	0.0	23	quantile type 6				AB07DD0010	80056
Total Recoverable Metals	Zinc, Unfiltered	ug/L	single							0.0	24	quantile type 6	AB07DD0010	80056
Total Recoverable Metals	Zinc, Unfiltered	ug/L	single							0.0	38	quantile type 6	AB07DD0105	80056

6 Water - Lake Athabasca

Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Conventional Variables	Alkalinity, total	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	SM2320:B
Conventional Variables	Hardness as CaCO3	mg/L	all sites	0.0	5	n < 10	0.0	10	quantile type 6	0.0	7	n < 10	Water Intake	SM4110:B
Conventional Variables	Organic carbon, Filtered	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	APHA5310, SM5310:B
Conventional Variables	Organic carbon, Unfiltered	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	APHA5310, SM5310:B
Conventional Variables	Specific conductivity	uS/cn	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	SM2510:B
Conventional Variables	Total dissolved solids, Filtered	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	SM2540:C
Conventional Variables	Total suspended solids, Non-Filterable (Particle)	mg/L	all sites	0.0	7	n < 10	16.7	12	robust ROS	57.1	7	n < 10	Water Intake	SM2540:D
Conventional Variables	Turbidity, Unfiltered	NTU	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	6	n < 10	Water Intake	SM2130:B
Conventional Variables	pH, lab	pH units	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	SM4500-H:B
Field	Conductivity	uS/cm	all sites	0.0	80	quantile type 6	0.0	99	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
Field	Depth, Secchi disk depth	cm	all sites	0.0	12	quantile type 6	0.0	23	quantile type 6				Lake Athabasca, Water Intake	Unknown
Field	Dissolved oxygen (DO)	mg/L	all sites	0.0	80	quantile type 6	0.0	99	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
Field	Dissolved oxygen saturation	%	all sites	0.0	80	quantile type 6	0.0	99	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
Field	Oxidation reduction potential (ORP)	mV	all sites	0.0	55	quantile type 6	0.0	64	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
Field	Salinity	ppt	all sites	0.0	49	quantile type 6	0.0	48	quantile type 6				Lake Athabasca, Water Intake	Unknown
Field	Temperature, water	degC	all sites	0.0	80	quantile type 6	0.0	99	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
Field	Turbidity	NTU	all sites	0.0	59	quantile type 6	0.0	71	quantile type 6				Lake Athabasca, Water Intake	Unknown
Field	pH	pH units	all sites	0.0	79	quantile type 6	0.0	91	quantile type 6				Dock Site, Lake Athabasca, Water Intake	Unknown
General Organics	Silica gel treated n-hexane extractable material	mg/L	all sites	100.0	7	n < 10	100.0	10	censored > 80%	100.0	7	n < 10	Water Intake	APHA 5520B, EPA1664A
Major Ions	Calcium, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	8	n < 10	0.0	7	n < 10	Water Intake	APHA3120B,2340B

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Major Ions	Chloride, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	11	quantile type 6	0.0	7	n < 10	Water Intake	SM4110:B
Major Ions	Fluoride, Unfiltered	mg/L	all sites	100.0	5	n < 10	100.0	11	censored > 80%	85.7	7	n < 10	Water Intake	SM4110:B
Major Ions	Magnesium, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	8	n < 10	0.0	7	n < 10	Water Intake	APHA3120B,2340B
Major Ions	Potassium, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	8	n < 10	0.0	7	n < 10	Water Intake	APHA3120B,2340B
Major Ions	Sodium, Unfiltered	mg/L	all sites	0.0	5	n < 10	0.0	8	n < 10	0.0	7	n < 10	Water Intake	APHA3120B,2340B
Major Ions	Sulfate, Unfiltered as SO4	mg/L	all sites	0.0	5	n < 10	0.0	11	quantile type 6	0.0	7	n < 10	Water Intake	SM4110:B
Nutrients and BOD	Ammonia and ammonium, Unfiltered as N	mg/L	all sites	71.4	7	n < 10	83.3	12	censored > 80%	85.7	7	n < 10	Water Intake	SM4500-NH3:G
Nutrients and BOD	Inorganic nitrogen (nitrate and nitrite), Unfiltered as N	mg/L	all sites	0.0	5	n < 10	0.0	11	quantile type 6	0.0	7	n < 10	Water Intake	SM4110:B
Nutrients and BOD	Nitrate, Unfiltered as N	mg/L	all sites	0.0	5	n < 10	0.0	11	quantile type 6	0.0	7	n < 10	Water Intake	SM4110:B
Nutrients and BOD	Nitrite, Unfiltered as N	mg/L	all sites	100.0	5	n < 10	72.7	11	robust ROS	100.0	7	n < 10	Water Intake	SM4110:B
Nutrients and BOD	Orthophosphate, Unfiltered as P	mg/L	all sites	42.9	7	n < 10	75.0	12	robust ROS	80.0	5	n < 10	Water Intake	SM4500-P:D
Nutrients and BOD	Total Nitrogen, mixed forms, Filtered as N	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	ISO/TR 11905:1997(E)
Nutrients and BOD	Total Nitrogen, mixed forms, Unfiltered as N	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	ISO/TR 11905:1997(E)
Nutrients and BOD	Total Phosphorus, mixed forms, Filtered as P	mg/L	all sites	28.6	7	n < 10	41.7	12	robust ROS	100.0	7	n < 10	Water Intake	APHA4500:P, SM4500-P:D
Nutrients and BOD	Total Phosphorus, mixed forms, Unfiltered as P	mg/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	APHA4500:P, SM4500-P:D
Total Metals	Aluminum, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Antimony, Unfiltered	ug/L	all sites							100.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Arsenic, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	28.6	7	n < 10	Water Intake	EPA200.8
Total Metals	Barium, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Beryllium, Unfiltered	ug/L	all sites	28.6	7	n < 10	75.0	12	robust ROS	100.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Bismuth, Unfiltered	ug/L	all sites							100.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Boron, Unfiltered	ug/L	all sites							0.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Cadmium, Unfiltered	ug/L	all sites	85.7	7	n < 10	91.7	12	censored > 80%	100.0	2	n < 10	Water Intake	EPA200.8
Total Metals	Cesium, Unfiltered	ug/L	all sites							100.0	1	n < 10	Water Intake	EPA200.8

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Grouping	Parameter	Unit	Grouping	High Flow			Open Water			Under Ice			Sites	Method Identifiers
				Cen %	Obs	Note	Cen %	Obs	Note	Cen %	Obs	Note		
Total Metals	Chromium, Filtered	ug/L	all sites	100.0	5	n < 10	100.0	12	censored > 80%	85.7	7	n < 10	Water Intake	EPA200.8
Total Metals	Chromium, Unfiltered	ug/L	all sites	0.0	6	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Chromium(VI), Unfiltered	mg/L	all sites	100.0	5	n < 10	100.0	12	censored > 80%	100.0	7	n < 10	Water Intake	APHA3500-Cr:B
Total Metals	Cobalt, Unfiltered	ug/L	all sites							50.0	2	n < 10	Water Intake	EPA200.8
Total Metals	Copper, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Iron, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Lead, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	42.9	7	n < 10	Water Intake	EPA200.8
Total Metals	Lithium, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Manganese, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Mercury, Unfiltered	ng/L	all sites	0.0	4	n < 10	0.0	8	n < 10	33.3	3	n < 10	Water Intake	T00120
Total Metals	Methylmercury(1+), Unfiltered	ng/L	all sites	50.0	4	n < 10	75.0	8	n < 10				Water Intake	M10210, M10211
Total Metals	Molybdenum, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Nickel, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Rubidium, Unfiltered	ug/L	all sites							0.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Selenium, Unfiltered	ug/L	all sites	85.7	7	n < 10	100.0	12	censored > 80%	33.3	3	n < 10	Water Intake	EPA200.8
Total Metals	Silver, Unfiltered	ug/L	all sites	100.0	7	n < 10	100.0	12	censored > 80%	100.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Strontium, Unfiltered	ug/L	all sites							0.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Thallium, Unfiltered	ug/L	all sites							100.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Tin, Unfiltered	ug/L	all sites							100.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Titanium, Unfiltered	ug/L	all sites							0.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Uranium, Unfiltered	ug/L	all sites	0.0	2	n < 10	0.0	2	n < 10	100.0	1	n < 10	Water Intake	EPA200.8
Total Metals	Vanadium, Unfiltered	ug/L	all sites	0.0	7	n < 10	0.0	12	quantile type 6	0.0	7	n < 10	Water Intake	EPA200.8
Total Metals	Zinc, Unfiltered	ug/L	all sites	14.3	7	n < 10	58.3	12	robust ROS	100.0	6	n < 10	Water Intake	EPA200.8