

SPILT SAMPLING QUALITY ASSURANCE PROGRAM - AUDIT REPORT

Permit Number: PE 107517  
 Client Name: Teck Coal - Green Hills  
 Regional Office: Kootenay, Nelson  
 EPD officer: Kelly Mills

Date of Last Amendment: Apr-2019  
 Audit Table Version: 1902  
 Amended by: Ken Murray  
 Audit Date: 16 August 2022

Manual Data Entry Block											Automated Evaluation Block				
Audit No.	Requisition No.	Sample Site ID	Sample Location / Site Name	Sample Date	Sample Type	Parameter	Units	Reference LDL	Reference Results	Permit Results	Absolute Deviation	Acceptable Deviation	Deviation Factor	Points Assigned	Pass / Fail
<b>Physical Tests</b>															
<b>Conductivity</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Specific Conductance	µS/cm	2.0	319	319	0.000	43.430	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Specific Conductance	µS/cm	2.0	329	329	0.000	44.703	0.0	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Specific Conductance	µS/cm	2.0	825	793	32.000	107.834	0.3	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Specific Conductance	µS/cm	<b>2.0</b>	<b>618</b>	<b>615</b>	3.0	81.49	0.0	5	Pass
<b>Physical Tests</b>															
<b>Hardness</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Hardness (as CaCO <sub>3</sub> )	mg/L	0.50	172	169	3.000	64.559	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Hardness (as CaCO <sub>3</sub> )	mg/L	0.60	178	177	1.000	66.928	0.0	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Hardness (as CaCO <sub>3</sub> )	mg/L	0.50	457	448	9.000	170.360	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Hardness (as CaCO <sub>3</sub> )	mg/L	<b>0.5</b>	<b>341</b>	<b>359</b>	18.0	127.297	0.1	5	Pass
<b>Physical Tests</b>															
<b>Total Suspended Solids (TSS) (aka Residue Nonfilterable) (NFR)</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Residue Nonfilterable	mg/L	1.0	<1.0	<1.0	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Residue Nonfilterable	mg/L	1.0	<1.0	<1.0	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Residue Nonfilterable	mg/L	1.0	<1.0	<1.0	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Residue Nonfilterable	mg/L	<b>3.0</b>	<b>&lt;3.0</b>	<b>&lt;1.0</b>	NC	NC	NC	5	Pass
..					WW						0.0	NC	NC		
<b>Physical Tests</b>															
<b>Turbidity</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Turbidity	NTU	0.10	0.11	0.26	0.150	0.164	0.9	4	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Turbidity	NTU	0.10	0.11	0.11	0.000	0.164	0.0	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Turbidity	NTU	0.10	0.11	0.30	0.190	0.164	1.2	2	Fail
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Turbidity	NTU	<b>0.10</b>	<b>0.34</b>	<b>0.64</b>	0.300	0.210	1.4	2	Fail
..					WW						0.000	NC	NC		
<b>Physical Tests</b>															
<b>Alkalinity, Total (as CaCO<sub>3</sub>)</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Alkalinity, Total	mg/L	1.0	152	149	3.000	33.658	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Alkalinity, Total	mg/L	1.0	149	152	3.000	33.022	0.1	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Alkalinity, Total	mg/L	1.0	187	204	17.000	41.083	0.4	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Alkalinity, Total	mg/L	<b>1.0</b>	<b>177</b>	<b>178</b>	1.000	38.962	0.0	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Ammonia Total (as N)</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Ammonia Total (as N)	mg/L	0.005	<0.0050	0.007	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Ammonia Total (as N)	mg/L	0.005	<0.0050	<0.0050	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Ammonia Total (as N)	mg/L	0.005	0.008	0.050	0.042	0.009	4.8	0	Fail
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Ammonia Total (as N)	mg/L	<b>0.005</b>	<b>&lt;0.0050</b>	<b>0.0476</b>	NC	NC	NC	0	Fail
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Bromide</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Bromide	mg/L	0.050	<0.050	<0.050	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Bromide	mg/L	0.050	<0.050	<0.050	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Bromide	mg/L	0.050	<0.250	<0.050	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Bromide	mg/L	<b>0.050</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>	NC	NC	NC	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Chloride</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Chloride	mg/L	0.50	<0.50	0.55	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Chloride	mg/L	0.50	<0.50	0.37	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Chloride	mg/L	0.50	<2.50	1.76	NC	NC	NC	0	Fail
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Chloride	mg/L	<b>0.500</b>	<b>1.580</b>	<b>1.650</b>	0.070	0.931	0.1	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Fluoride</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Fluoride	mg/L	0.020	0.152	0.178	0.026	0.050	0.5	4	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Fluoride	mg/L	0.020	0.159	0.160	0.001	0.051	0.0	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Fluoride	mg/L	0.020	0.178	0.172	0.006	0.053	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Fluoride	mg/L	<b>0.020</b>	<b>0.198</b>	<b>0.180</b>	0.018	0.056	0.3	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Nitrate Dissolved (as N)</b>															
18.1	S1624494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Nitrate (as N)	mg/L	0.003	5.940	5.700	0.260	0.847	0.3	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Nitrate (as N)	mg/L	0.003	0.433	0.427	0.004	0.045	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Nitrate (as N)	mg/L	0.003	12.700	12.500	0.200	1.800	0.1	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Nitrate (as N)	mg/L	0.003			0.000	0.000	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Nitrate (as N)	mg/L	<b>0.003</b>	<b>8.27</b>	<b>7.49</b>	0.780	1.174	0.7	4	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Nitrite Dissolved (as N)</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Nitrite (as N)	mg/L	0.001	<0.0010	<0.0010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Nitrite (as N)	mg/L	0.001	<0.0010	<0.0010	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Nitrite (as N)	mg/L	0.001	0.008	0.006	0.002	0.003	0.8	4	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Nitrite (as N)	mg/L	<b>0.0010</b>	<b>0.0049</b>	<b>0.0038</b>	0.001	0.002	0.5	4	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Total Kjeldahl Nitrogen</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Total Kjeldahl Nitrogen	mg/L	0.05	0.05	0.09	0.042	0.089	0.5	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Total Kjeldahl Nitrogen	mg/L	0.05	0.05	0.20	0.146	0.089	1.6	0	Fail
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Total Kjeldahl Nitrogen	mg/L	0.05	0.19	0.10	0.093	0.139	0.7	4	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Total Kjeldahl Nitrogen	mg/L	<b>0.050</b>	<b>0.399</b>	<b>&lt;0.050</b>	NC	0.212	NC	0	Fail
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Orthophosphate - Dissolved</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Orthophosphate	mg/L	0.0010	<0.0010	0.0010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Orthophosphate	mg/L	0.0010	0.0014	<0.0010	NC	0.002	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Orthophosphate	mg/L	0.0010	0.0016	<0.0010	NC	0.002	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Orthophosphate	mg/L	<b>0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	NC	NC	NC	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Phosphorus (P) - Total</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Total Phosphorus (P)	mg/L	0.00200	<0.0020	<0.0020	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Total Phosphorus (P)	mg/L	0.00200	0.00230	<0.0020	NC	NC	NC	5	Pass
21.1	S1624460721	E200378	GHO Fording River CP	10-Aug-2021	WW	Total Phosphorus (P)	mg/L	0.00200	0.00310	0.00280	0.000	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Phosphorus Total	mg/L	<b>0.0020</b>	<b>0.0046</b>	<b>0.0046</b>	0.00000	0.004	0.0	5	Pass
..					WW						0.000	NC	NC		
<b>Anions and Nutrients</b>															
<b>Sulphate (SO<sub>4</sub>)</b>															
19.1	S1565802315	E300090													

ADU# No.	Requisition No.	Sample Site ID	Sample Location / Site Name	Sample Date	Sample Type	Parameter	Units	Reference LDL	Reference Results	Permit Results	AD5076 Deviation	Acceptable Deviation	Deviation Factor	Points Assigned	Pass / Fail
<b>Metals Total</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Aluminum	mg/L	0.00300	0.06850	0.10800	0.03950	0.02362	1.7	0	Fail
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Aluminum	mg/L	0.00300	0.01050	0.00460	0.00590	0.00721	0.8	4	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Aluminum	mg/L	0.00300	0.00410	0.00330	0.00080	0.00540	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Aluminum	mg/L	0.00300	0.00540	0.00950	0.00410	0.00577	0.7	4	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Aluminum	mg/L	<b>0.0030</b>	<b>0.0192</b>	<b>0.0112</b>	0.00800	0.00967	0.8	4	Pass
<b>Antimony</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Antimony	mg/L	0.00010	0.00017	0.00016	0.000	0.000	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Antimony	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Antimony	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Antimony	mg/L	0.00010	0.00012	0.00012	0.00000	0.00018	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Antimony	mg/L	<b>0.00010</b>	<b>0.00015</b>	<b>0.00016</b>	0.00010	0.00018	0.1	5	Pass
<b>Arsenic</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Arsenic	mg/L	0.00010	0.00018	0.00018	0.000	0.000	0.0	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Arsenic	mg/L	0.00010	0.00011	0.00014	0.000	0.000	0.2	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Arsenic	mg/L	0.00010	0.00012	<0.00010	NC	0.000	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Arsenic	mg/L	0.00010	<0.00010	0.00013	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Arsenic	mg/L	<b>0.00010</b>	<b>0.00018</b>	<b>0.00022</b>	0.00004	0.00019	0.2	5	Pass
<b>Barium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Barium	mg/L	0.00010	0.05830	0.05720	0.001	0.017	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Barium	mg/L	0.00010	0.05430	0.05620	0.002	0.015	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Barium	mg/L	0.00010	0.05670	0.05890	0.002	0.016	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Barium	mg/L	0.0001	0.0998	0.106	0.00620	0.02837	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Barium	mg/L	<b>0.00010</b>	<b>0.06880</b>	<b>0.0736</b>	0.00480	0.01960	0.2	5	Pass
<b>Beryllium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Beryllium	mg/L	<b>0.000100</b>	<b>&lt;0.000100</b>	<b>&lt;0.020</b>	NC	NC	NC	5	Pass
<b>Bismuth</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Bismuth	mg/L	<b>0.000050</b>	<b>&lt;0.000050</b>	<b>&lt;0.000050</b>	NC	NC	NC	5	Pass
<b>Boron</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Boron	mg/L	0.01000	<0.010	<0.010	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Boron	mg/L	0.01000	<0.010	<0.010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Boron	mg/L	0.01000	<0.010	<0.010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Boron	mg/L	0.01000	0.01100	<0.010	NC	0.01725	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Boron	mg/L	<b>0.010</b>	<b>&lt;0.010</b>	<b>&lt;0.010</b>	NC	NC	NC	5	Pass
<b>Cadmium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Cadmium	mg/L	0.0000050	0.0000581	0.0000415	0.0000166	0.0000235	0.7	4	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Cadmium	mg/L	0.0000050	0.0000088	0.0000055	0.0000033	0.0000096	0.3	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Cadmium	mg/L	0.0000050	0.0000064	0.0000080	0.0000016	0.0000089	0.2	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Cadmium	mg/L	0.00001	0.00003	0.00002	0.00001	0.00001	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Cadmium	mg/L	<b>0.0000050</b>	<b>0.0000338</b>	<b>0.0000359</b>	0.00001	0.00002	0.4	5	Pass
<b>Calcium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Calcium	mg/L	0.05	64.9	61.9	3.000	18.427	0.2	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Calcium	mg/L	0.05	49.1	53.0	3.900	13.958	0.3	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Calcium	mg/L	0.05	51.5	50.4	1.100	14.637	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Calcium	mg/L	0.05	106.0	92.2	13.80000	30.05204	0.5	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Calcium	mg/L	<b>0.050</b>	<b>86.4</b>	<b>76.5</b>	9.90000	24.50832	0.4	5	Pass
<b>Chromium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Chromium	mg/L	0.00010	0.00019	0.00020	0.002	0.000	10.8	0	Fail
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Chromium	mg/L	0.00010	0.00025	0.00031	0.000	0.000	0.3	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Chromium	mg/L	0.00010	0.00021	0.00024	0.000	0.000	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Chromium	mg/L	0.00010	0.00029	0.00015	0.00014	0.00022	0.6	4	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Chromium	mg/L	<b>0.00010</b>	<b>0.00017</b>	<b>0.00018</b>	0.00001	0.00019	0.1	5	Pass
<b>Cobalt</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Cobalt	mg/L	0.00010	<0.00010	0.00012	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Cobalt	mg/L	<b>0.00010</b>	<b>&lt;0.00010</b>	<b>&lt;0.00010</b>	NC	NC	NC	5	Pass
<b>Copper</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Copper	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Copper	mg/L	0.00050	0.00073	<0.00050	NC	0.001	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Copper	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Copper	mg/L	0.00050	0.00766	0.002	0.00566	0.02887	2.0	0	Fail
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Copper	mg/L	<b>0.00050</b>	<b>&lt;0.00050</b>	<b>0.00052</b>	NC	NC	NC	5	Pass
<b>Iron</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Iron	mg/L	0.005	0.103	0.149	0.046	0.036	1.3	2	Fail
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Iron	mg/L	0.00500	0.00930	<0.010	NC	0.010	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Iron	mg/L	0.00500	<0.00500	<0.010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Iron	mg/L	0.00500	0.013	0.015	0.00200	0.01075	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Iron	mg/L	<b>0.0050</b>	<b>0.0271</b>	<b>0.021</b>	0.00610	0.01474	0.4	5	Pass
<b>Lead</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Lead	mg/L	0.00050	0.00095	0.000108	0.000013	0.000098	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Lead	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Lead	mg/L	0.00050	<0.00050	<0.00050	NC				

Atuill No.	Requisition No.	Sample Site ID	Sample Location / Site Name	Sample Date	Sample Type	Parameter	Units	Reference LDL	Reference Results	Permit Results	AD5076 Deviation	Acceptable Deviation	Deviation Factor	Points Assigned	Pass / Fail
<b>Metals Total</b>															
<b>Molybdenum</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Molybdenum	mg/L	0.0005	0.00105	0.00108	0.000	0.000	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Molybdenum	mg/L	0.0005	0.00127	0.00111	0.000	0.000	0.4	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Molybdenum	mg/L	0.0005	0.00100	0.00111	0.000	0.000	0.3	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Molybdenum	mg/L	0.0005	0.00110	0.00103	0.00037	0.00038	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Molybdenum	mg/L	<b>0.00050</b>	<b>0.00138</b>	<b>0.00134</b>	0.00004	0.00046	0.1	5	Pass
<b>Metals Total</b>															
<b>Nickel</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Nickel	mg/L	0.00050	0.00193	0.00302	0.001	0.001	0.9	4	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Nickel	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Nickel	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Nickel	mg/L	0.00050	0.00146	0.00109	0.00037	0.00112	0.3	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Nickel	mg/L	<b>0.00050</b>	<b>0.00155</b>	<b>0.00165</b>	0.00010	0.00115	0.1	5	Pass
<b>Metals Total</b>															
<b>Phosphorus</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Phosphorus	mg/L	0.03000	<0.030	<0.050	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Phosphorus	mg/L	0.03000	<0.030	NR	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Phosphorus	mg/L	0.03000	<0.030	NR	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Phosphorus	mg/L	0.03000	<0.030	NR	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Phosphorus	mg/L	<b>0.0500</b>	<b>&lt;0.030</b>	NR	NC	NC	NC		
<b>Metals Total</b>															
<b>Potassium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Potassium	mg/L	0.050	0.986	0.969	0.017	0.350	0.0	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Potassium	mg/L	0.050	0.436	0.405	0.031	0.194	0.2	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Potassium	mg/L	0.050	0.407	0.456	0.049	0.186	0.3	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Potassium	mg/L	0.050	1.450	1.400	0.05000	0.48083	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Potassium	mg/L	<b>0.05</b>	<b>1.24</b>	<b>1.28</b>	0.04000	0.42144	0.1	5	Pass
<b>Metals Total</b>															
<b>Selenium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Selenium	mg/L	0.0005	0.02530	0.02550	0.000	0.007	0.0	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Selenium	mg/L	0.0005	0.00195	0.00176	0.000	0.001	0.3	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Selenium	mg/L	0.0005	0.00179	0.00191	0.000	0.001	0.2	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Selenium	mg/L	0.0005	0.05760	0.05360	0.00400	0.01436	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Selenium	mg/L	<b>0.00050</b>	<b>0.0376</b>	<b>0.0380</b>	0.00040	0.01071	0.0	5	Pass
<b>Metals Total</b>															
<b>Silicon</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Silicon	mg/L	0.10	1.94	1.91	0.030	0.690	0.0	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Silicon	mg/L	0.10	2.02	1.99	0.030	0.713	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Silicon	mg/L	0.10	1.95	2.01	0.060	0.693	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Silicon	mg/L	0.10	2.28	2.32	0.04000	0.78630	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Silicon	mg/L	<b>0.10</b>	<b>1.93</b>	<b>2.06</b>	0.13000	0.68731	0.2	5	Pass
<b>Metals Total</b>															
<b>Silver</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Silver	mg/L	0.0001	<0.00010	<0.00010	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Silver	mg/L	0.0001	<0.00010	<0.00010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Silver	mg/L	0.0001	<0.00010	<0.00010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Silver	mg/L	0.0001	<0.00010	<0.00010	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Silver	mg/L	<b>0.00010</b>	<b>&lt;0.00010</b>	<b>&lt;0.00010</b>	NC	NC	NC	5	Pass
<b>Metals Total</b>															
<b>Sodium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Sodium	mg/L	0.050	1.240	1.200	0.040	0.421	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Sodium	mg/L	0.05	0.88	0.90	0.018	0.319	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Sodium	mg/L	0.05	0.97	1.02	0.054	0.344	0.2	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Sodium	mg/L	0.05	2.53	2.43	0.10000	0.78630	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Sodium	mg/L	<b>0.050</b>	<b>2.21</b>	<b>2.13</b>	0.08000	0.69579	0.1	5	Pass
<b>Metals Total</b>															
<b>Strontium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Strontium	mg/L	0.00020	0.09540	0.09250	0.003	0.027	0.1	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Strontium	mg/L	0.00020	0.23000	0.23300	0.003	0.065	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Strontium	mg/L	0.00020	0.21200	0.20700	0.005	0.040	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Strontium	mg/L	0.00020	0.15600	0.14500	0.01100	0.04441	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Strontium	mg/L	<b>0.00020</b>	<b>0.121</b>	<b>0.120</b>	0.00100	0.03451	0.0	5	Pass
<b>Metals Total</b>															
<b>Sulfur</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Sulfur	mg/L	0.50	34.90	33.30	1.600	10.578	0.2	5	Pass
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Sulfur	mg/L	0.50	9.94	NR	NC	3.519	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Sulfur	mg/L	0.50	10.20	NR	NC	3.592	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Sulfur	mg/L	0.50000	77.10000	71.10000	6.00000	22.51428	0.3	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Sulfur	mg/L	<b>0.50</b>	<b>51.0</b>	<b>49.6</b>	1.40000	15.13209	0.1	5	Pass
<b>Metals Total</b>															
<b>Thallium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Thallium	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Thallium	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Thallium	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Thallium	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Thallium	mg/L	<b>0.00010</b>	<b>&lt;0.00010</b>	<b>&lt;0.00010</b>	NC	NC	NC	5	Pass
<b>Metals Total</b>															
<b>Tin</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Tin	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Tin	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Tin	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Tin	mg/L	0.00010	0.00023	<0.00010	NC	0.00021	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Tin	mg/L	<b>0.00010</b>	<b>&lt;0.00010</b>	<b>&lt;0.00010</b>	NC	NC	NC	5	Pass
<b>Metals Total</b>															
<b>Titanium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Titanium	mg/L	0.00030	0.00072	0.00178	0.00106	0.00063	1.7	0	Fail
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Titanium	mg/L	0.00030	0.00030	<0.010	NC	0.00051	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Titanium	mg/L	0.00030	<0.00030	<0.010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Titanium	mg/L	0.00030	<0.00030	<0.00030	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Titanium	mg/L	<b>0.00030</b>	<b>&lt;0.00060</b>	<b>&lt;0.00030</b>	NC	NC	NC	4	Pass
<b>Metals Total</b>															
<b>Uranium</b>															
18.1	S1526494116	E200378	Greenhills Compliance Pt	29-May-2018	WW	Uranium	mg/L	0.00001	0.00147	0.00149	0.000	0.000	0.0	5	Pass
19.1	S1565802315	E300090</													

Atufl No.	Requisition No.	Sample Site ID	Sample Location / Site Name	Sample Date	Sample Type	Parameter	Units	Reference LDL	Reference Results	Permit Results	AD5076 Deviation	Acceptable Deviation	Deviation Factor	Points Assigned	Pass / Fail
<b>Metals Dissolved</b>															
<b>Aluminum</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Aluminum	mg/L	0.0010	<0.0010	<0.0030	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Aluminum	mg/L	0.0010	0.0014	<0.0030	NC	0.00181	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Aluminum	mg/L	0.0010	<0.0010	<0.0010	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Aluminum	mg/L	<b>0.0010</b>	<b>0.0013</b>	<b>&lt;0.0010</b>	NC	0.00178	NC	5	Pass
					WW	Aluminum	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Antimony</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Antimony	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Antimony	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Antimony	mg/L	0.00010	0.00012	0.00012	0.00000	0.00018	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Antimony	mg/L	<b>0.00010</b>	<b>0.00014</b>	<b>0.00015</b>	0.00001	0.00018	0.1	5	Pass
					WW	Antimony	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Arsenic</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Arsenic	mg/L	0.00010	0.00011	<0.00010	NC	0.00017	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Arsenic	mg/L	0.00010	0.00011	<0.00010	NC	0.00017	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Arsenic	mg/L	0.00010	0.00012	<0.00010	NC	0.00018	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Arsenic	mg/L	<b>0.00010</b>	<b>0.00010</b>	<b>0.00014</b>	0.00004	0.00017	0.2	5	Pass
					WW	Arsenic	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Barium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Barium	mg/L	0.00010	0.05630	0.05490	0.00140	0.01607	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Barium	mg/L	0.00010	0.05740	0.06170	0.00430	0.01638	0.3	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Barium	mg/L	0.00010	0.10000	0.10600	0.00600	0.02843	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Barium	mg/L	<b>0.00010</b>	<b>0.0698</b>	<b>0.0787</b>	0.00890	0.01988	0.4	5	Pass
					WW	Barium	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Beryllium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Beryllium	mg/L	0.00010	<0.00010	<0.00020	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Beryllium	mg/L	<b>0.000100</b>	<b>&lt;0.000100</b>	<b>&lt;0.020</b>	NC	NC	NC	5	Pass
					WW	Beryllium	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Bismuth</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Bismuth	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Bismuth	mg/L	<b>0.000050</b>	<b>&lt;0.000050</b>	<b>&lt;0.000050</b>	NC	NC	NC	5	Pass
					WW	Bismuth	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Boron</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Boron	mg/L	0.01000	<0.010	<0.010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Boron	mg/L	0.01000	<0.010	<0.010	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Boron	mg/L	0.010	0.011	0.011	0.00000	0.01725	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Boron	mg/L	<b>0.010</b>	<b>&lt;0.010</b>	<b>&lt;0.010</b>	NC	NC	NC	5	Pass
					WW	Boron	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Cadmium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Cadmium	mg/L	0.0000050	0.0000061	0.0000065	0.0000004	0.0000088	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Cadmium	mg/L	0.0000050	0.0000077	0.0000089	0.0000012	0.0000092	0.1	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Cadmium	mg/L	0.0000050	0.0000217	0.0000252	0.0000035	0.0000132	0.3	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Cadmium	mg/L	<b>0.0000050</b>	<b>0.0000257</b>	<b>0.0000354</b>	0.00001	0.00001	0.7	4	Pass
					WW	Cadmium	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Calcium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Calcium	mg/L	0.050	47.6	46.7	0.90	13.53	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Calcium	mg/L	0.050	50.4	50.9	0.50	14.33	0.0	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Calcium	mg/L	0.050	106.0	105.0	1.00	30.05	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Calcium	mg/L	<b>0.050</b>	<b>78.2</b>	<b>81.0</b>	2.80000	22.18901	0.1	5	Pass
					WW	Calcium	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Chromium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Chromium	mg/L	0.00010	0.00023	0.00023	0.00	0.00	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Chromium	mg/L	0.00010	0.00022	0.00023	0.00	0.00	0.0	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Chromium	mg/L	0.00010	0.00011	0.00013	0.00	0.00	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Chromium	mg/L	<b>0.00010</b>	<b>0.00011</b>	<b>0.00014</b>	0.00003	0.00017	0.2	5	Pass
					WW	Chromium	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Cobalt</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Cobalt	mg/L	0.00010	<0.00010	<0.00010	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Cobalt	mg/L	<b>0.00010</b>	<b>&lt;0.00010</b>	<b>&lt;0.00010</b>	NC	NC	NC	5	Pass
					WW	Cobalt	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Copper</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Copper	mg/L	0.00020	0.00056	<0.00050	NC	0.00	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Copper	mg/L	0.00020	<0.00020	<0.00020	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Copper	mg/L	0.00020	0.00149	0.00146	0.00000	0.00000	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Copper	mg/L	<b>0.00020</b>	<b>0.00046</b>	<b>0.00046</b>	0.00000	0.00001	0.0	5	Pass
					WW	Copper	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Iron</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Iron	mg/L	0.005	<0.0050	<0.010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Iron	mg/L	0.005	<0.0050	<0.010	NC	NC	NC		
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Iron	mg/L	0.005	<0.0050	<0.010	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Iron	mg/L	<b>0.0050</b>	<b>&lt;0.0050</b>	<b>&lt;0.010</b>	NC	NC	NC	5	Pass
					WW	Iron	mg/L				0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Lead</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Lead	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Lead	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
21.1	S1624460721	200378	GHO Fording River CP	10-Aug-2021	WW	Lead	mg/L	0.00005	<0.000050	<0.000050	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Lead	mg/L	<b>0.000050</b>	<b>0.000084</b>	<b>0.000086</b>	0.00000	0.00009	0.0	5	Pass
					WW	Lead	mg/L				0.00000	0.00000	NC		

Audit No.	Requisition No.	Sample Site ID	Sample Location / Site Name	Sample Date	Sample Type	Parameter	Units	Reference DL	Reference Results	Permit Results	AB5076 Deviation	Acceptable Deviation	Deviation Factor	Points Assigned	Pass / Fail
<b>Metals Dissolved</b>															
<b>Phosphorus</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Phosphorus	mg/L	0.01000	<0.010	NR	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Phosphorus	mg/L	0.01000	<0.010	NR	NC	NC	NC		
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Phosphorus	mg/L	0.01000	<0.010	NR	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Phosphorus	mg/L	<b>0.010</b>	<b>&lt;0.010</b>	NR	NC	NC	NC		
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Potassium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Potassium	mg/L	0.050	0.412	0.436	0.02	0.19	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Potassium	mg/L	0.050	0.414	0.469	0.06	0.19	0.3	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Potassium	mg/L	0.05000	1.42000	1.45000	0.03	0.47	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Potassium	mg/L	<b>0.050</b>	<b>1.23</b>	<b>1.33</b>	0.10000	0.41861	0.2	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Selenium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Selenium	mg/L	0.000050	0.002160	0.00210	0.000060	0.000682	0.1	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Selenium	mg/L	0.00005	0.00186	0.00192	0.000060	0.000597	0.1	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Selenium	mg/L	0.00005	0.05380	0.05680	0.003000	0.015288	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Selenium	mg/L	<b>0.000050</b>	<b>0.0394</b>	<b>0.0471</b>	0.007070	0.01121	0.7	4	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Silicon</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Silicon	mg/L	0.05000	1.98000	2.10000	0.12	0.63	0.2	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Silicon	mg/L	0.10000	1.96000	1.88000	0.08	0.70	0.1	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Silicon	mg/L	0.10000	2.18000	2.19000	0.01	0.76	0.0	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Silicon	mg/L	<b>0.100</b>	<b>1.89</b>	<b>2.14</b>	0.25000	0.67599	0.4	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Silver</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Silver	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Silver	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Silver	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Silver	mg/L	<b>0.000010</b>	<b>&lt;0.000010</b>	<b>&lt;0.000010</b>	NC	NC	NC	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Sodium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Sodium	mg/L	0.050	0.875	0.913	0.04	0.32	0.2	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Sodium	mg/L	0.050	0.94700	1.02000	0.07	0.34	0.1	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Sodium	mg/L	0.050	2.29000	2.40000	0.11	0.72	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Sodium	mg/L	<b>0.050</b>	<b>2.05</b>	<b>2.20</b>	0.15000	0.65054	0.2	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Strontium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Strontium	mg/L	0.00020	0.20400	0.20400	0.0020	0.058	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Strontium	mg/L	0.00020	0.21400	0.21900	0.0050	0.061	0.1	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Strontium	mg/L	0.00020	0.15100	0.15800	0.0070	0.043	0.2	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Strontium	mg/L	<b>0.00020</b>	<b>0.114</b>	<b>0.130</b>	0.01600	0.03253	0.5	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Sulfur</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Sulfur	mg/L	0.50	9.24	NR	NC	3.32	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Sulfur	mg/L	0.50	9.76	NR	NC	3.47	NC		
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Sulfur	mg/L	0.50	70.0	68.7	1.30	20.51	0.1	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Sulfur	mg/L	<b>0.50</b>	<b>47.8</b>	<b>56.6</b>	8.80000	14.22699	0.6	4	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Thallium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Thallium	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Thallium	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Thallium	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Thallium	mg/L	<b>0.000010</b>	<b>&lt;0.000010</b>	<b>&lt;0.000010</b>	NC	NC	NC	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Tin</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Tin	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Tin	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Tin	mg/L	0.000010	<0.000010	<0.000010	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Tin	mg/L	<b>0.000010</b>	<b>&lt;0.000010</b>	<b>&lt;0.000010</b>	NC	NC	NC	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Titanium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Titanium	mg/L	0.00030	<0.00030	<0.010	NC	NC	NC		
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Titanium	mg/L	0.00030	<0.00030	<0.010	NC	NC	NC		
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Titanium	mg/L	0.00030	<0.00030	<0.00030	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Titanium	mg/L	<b>0.00030</b>	<b>&lt;0.00030</b>	<b>&lt;0.00030</b>	NC	NC	NC	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Uranium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Uranium	mg/L	0.00001	0.00078	0.00077	0.000008	0.000235	0.0	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Uranium	mg/L	0.00001	0.00075	0.00080	0.000042	0.000227	0.2	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Uranium	mg/L	0.00001	0.00258	0.00237	0.000210	0.000744	0.3	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Uranium	mg/L	<b>0.000010</b>	<b>0.00200</b>	<b>0.00210</b>	0.00010	0.00058	0.2	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Vanadium</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Vanadium	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Vanadium	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC	5	Pass
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Vanadium	mg/L	0.00050	<0.00050	<0.00050	NC	NC	NC	5	Pass
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Vanadium	mg/L	<b>0.00050</b>	<b>&lt;0.00050</b>	<b>&lt;0.00050</b>	NC	NC	NC	5	Pass
											0.00000	0.00000	NC		
<b>Metals Dissolved</b>															
<b>Zinc</b>															
19.1	S1565802315	E300090	GHO Elk River CP	17-Sep-2019	WW	Zinc	mg/L	0.00100	<0.0010	<0.0010	NC	NC	NC	5	Pass
20.1	S1601390357	E300090	GHO Elk River CP	5-Oct-2020	WW	Zinc	mg/L	0.00100	<0.0010	0.00120	NC	NC	NC		
21.1	S16244460721	200378	GHO Fording River CP	10-Aug-2021	WW	Zinc	mg/L	0.00100	<0.0010	0.00110	NC	NC	NC		
22.1	S1656350147	E200378	GHO Fording River CP	20-Jul-2022	WW	Zinc	mg/L	<b>0.0010</b>	<b>0.0018</b>	<b>0.0018</b>	0.00000	0.00192	0.0	5	Pass
											0.00000	0.00000	NC		

**Notes:**

**Interpretive Notes:**

1 : The Points Assigned (Column O) are based on an industry standard grading scale. Available points are 5, 4, 2 and 0 (5 is the highest possible score). Scores of 0 and 2 demonstrate an unacceptable analytical