

## Methylmercury Monitoring Plan Analytics - Sediment Jan 2019

Sample Site	Sample Date	Sample Type	AGAT Work Order #	Laboratory Results			
				Methylmercury	Total Mercury	Sulphide (%)	Total Sulfur (%)
				MDL = 0.4 ng/g	0.05 mg/kg	0.01	0.01
			RDL				
1	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	0.01
2	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	<0.01
3	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	<0.01
4	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	0.01
5	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	<0.01
6	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	0.01
7	14-Oct-16	Baseline	16X148880	<MDL	<0.05	<0.01	<0.01
8	14-Oct-16	Baseline	16X148880	<MDL	<0.05	0.01	0.01
9	14-Oct-16	Baseline	16X148880	<MDL	<0.05	0.01	0.03
10	14-Oct-16	Baseline	16X148880	<MDL	<0.05	0.02	0.02
11	14-Oct-16	Baseline	16X148880	<MDL	<0.05	0.05	0.07
1	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
2	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
3	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
4	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
5	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
6	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
7	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	<0.01
8	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	0.01	0.01
9	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	<0.01	0.02
10	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	0.02	0.02
11	16-Oct-16	Baseline	16X150835 / 16X149128	<MDL	<0.05	0.02	0.06
1	5-Nov-16	Baseline	16X157359	<MDL	<0.05	0.01	0.02
4	5-Nov-16	Baseline	16X157359	<MDL	<0.05	<0.01	0.01
5	5-Nov-16	Baseline	16X157359	<MDL	<0.05	0.01	0.01
7	5-Nov-16	Baseline	16X157359	<MDL	<0.05	<0.01	0.01
8	5-Nov-16	Baseline	16X157359	<MDL	<0.05	0.01	0.02
10	5-Nov-16	Baseline	16X157359	<MDL	<0.05	0.02	0.04
11	5-Nov-16	Baseline	16X157359	<MDL	<0.05	0.06	0.11
1	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	<0.01	0.01
4	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	<0.01	<0.01
5	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	<0.01	<0.01
7	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	<0.01	<0.01
8	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	0.01	0.02
10	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	0.02	0.03
11	7-Nov-16	Impoundment	16X157937	<MDL	<0.05	0.02	0.06
1	10-Nov-16	Impoundment	16X159468	<MDL		<0.01	<0.01
4	10-Nov-16	Impoundment	16X159468	<MDL		<0.01	<0.01
1	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	<0.01	0.02
5	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	<0.01	0.01

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				Methylmercury	Total Mercury	Sulphide (%)	Total Sulfur (%)
				MDL = 0.4 ng/g	0.05 mg/kg	0.01	0.01
7	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	<0.01	0.01
8	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	0.02	0.02
10	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	0.03	0.04
11	14-Nov-16	Impoundment	16X160266	<MDL	<0.05	0.04	0.08
1	17-Nov-16	Impoundment	16X151644	<MDL	<0.05	<0.01	<0.01
4	17-Nov-16	Impoundment	16X151644	<MDL	<0.05	<0.01	<0.01
1	22-Nov-16	Baseline	16X163271	<MDL	<0.05	<0.01	0.02
4	22-Nov-16	Baseline	16X163271	<MDL	<0.05	<0.01	0.01
5	22-Nov-16	Baseline	16X163271	<MDL	<0.05	<0.01	0.01
7	22-Nov-16	Baseline	16X163271	<MDL	<0.05	<0.01	<0.01
8	22-Nov-16	Baseline	16X163271	<MDL	<0.05	0.01	0.01
10	22-Nov-16	Baseline	16X163271	<MDL	<0.05	0.03	0.03
11	22-Nov-16	Baseline	16X163271	<MDL	<0.05	0.01	0.03
1	24-Nov-16	Baseline	16X164162	<MDL	<0.05	<0.01	<0.01
4	24-Nov-16	Baseline	16X164162	<MDL	<0.05	<0.01	<0.01
5	24-Nov-16	Baseline	16X164162	<MDL	<0.05	<0.01	0.01
1	26-Nov-16	Baseline	16X164670	<MDL	<0.05	<0.01	0.02
4	26-Nov-16	Baseline	16X164670	<MDL	<0.05	<0.01	0.01
5	26-Nov-16	Baseline	16X164670	<MDL	<0.05	<0.01	0.01
7	26-Nov-16	Baseline	16X164670	<MDL	<0.05	<0.01	0.01
8	26-Nov-16	Baseline	16X164670	<MDL	<0.05	0.02	0.02
10	26-Nov-16	Baseline	16X164670	<MDL	<0.05	0.02	0.03
11	26-Nov-16	Baseline	16X164670	<MDL	<0.05	0.03	0.06
1	2-Dec-16	Baseline	16X166781	<MDL	<0.05	<0.01	0.01
11	11-Dec-16	Baseline	16X169939	<MDL	<0.05	0.04	0.06
N1	7-Jun-17	Impoundment	17X223684	<MDL	<0.05	<0.01	0.01
N13	7-Jun-17	Impoundment	17X223684	<MDL	<0.05	0.07	0.11
N5	7-Jun-17	Impoundment	17X223684	<MDL	<0.05	<0.01	0.01
N6	7-Jun-17	Impoundment	17X223684	<MDL	<0.05	0.01	0.02
N7	7-Jun-17	Impoundment	17X223684	<MDL	<0.05	0.01	0.01
N1	14-Jun-17	Impoundment	17X226322	<MDL	<0.05	<0.01	0.01
N13	14-Jun-17	Impoundment	17X226322	<MDL	<0.05	0.05	0.08
N5	14-Jun-17	Impoundment	17X226322	<MDL	<0.05	<0.01	0.01
N6	14-Jun-17	Impoundment	17X226322	<MDL	<0.05	<0.01	<0.01
N7	14-Jun-17	Impoundment	17X226322	<MDL	<0.05	<0.01	<0.01
N1	21-Jun-17	Impoundment	17X228910	<MDL	<0.05	<0.01	0.01
N6	21-Jun-17	Impoundment	17X228910	<MDL	<0.05	0.01	0.02
N7	21-Jun-17	Impoundment	17X228910	<MDL	<0.05	<0.01	0.01
N5	22-Jun-17	Impoundment	17X229463	<MDL	<0.05	<0.01	<0.01
N1	28-Jun-17	Impoundment	17X231355	<MDL	<0.05	<0.01	<0.01

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				MDL = 0.4 ng/g	0.05 mg/kg	0.01	0.01
			RDL				
N13	28-Jun-17	Impoundment	17X231355	<MDL	<0.05	0.06	0.09
N5	28-Jun-17	Impoundment	17X231355	<MDL	<0.05	<0.01	<0.01
N6	28-Jun-17	Impoundment	17X231355	<MDL	<0.05	<0.01	<0.01
N7	28-Jun-17	Impoundment	17X231355	<MDL	<0.05	<0.01	<0.01
N13	5-Jul-17	Impoundment	17X233758	<MDL	<0.05	0.13	0.15
N5	5-Jul-17	Impoundment	17X233758	<MDL	<0.05	0.04	0.05
N6	5-Jul-17	Impoundment	17X233758	<MDL	<0.05	0.05	0.05
N7	5-Jul-17	Impoundment	17X233758	<MDL	<0.05	0.05	0.05
N1	6-Jul-17	Impoundment	17X234302	<MDL	<0.05	0.05	0.05
N1	10-Jul-17	Impoundment	17X235481	<MDL	<0.05	0.02	0.03
N13	10-Jul-17	Impoundment	17X235481	<MDL	<0.05	0.08	0.11
N5	10-Jul-17	Impoundment	17X235481	<MDL	<0.05	0.03	0.03
N6	10-Jul-17	Impoundment	17X235481	<MDL	<0.05	0.01	0.02
N7	10-Jul-17	Impoundment	17X235481	<MDL	<0.05	0.02	0.02
N1	19-Jul-17	Impoundment	17X239306	<MDL	<0.05	0.01	0.01
N13	19-Jul-17	Impoundment	17X239306	<MDL	<0.05	<0.01	0.02
N5	19-Jul-17	Impoundment	17X239306	<MDL	<0.05	0.02	0.02
N6	19-Jul-17	Impoundment	17X239306	<MDL	<0.05	0.01	0.01
N7	19-Jul-17	Impoundment	17X239306	<MDL	<0.05	0.42	0.42
N1	26-Jul-17	Impoundment	17X242132	<MDL	<0.05	<0.01	<0.01
N6	26-Jul-17	Impoundment	17X242132	<MDL	<0.05	0.02	0.02
N13	27-Jul-17	Impoundment	17X242547	<MDL	<0.05	0.04	0.08
N5	27-Jul-17	Impoundment	17X242547	<MDL	<0.05	<0.01	<0.01
N7	27-Jul-17	Impoundment	17X242547	<MDL	<0.05	0.01	0.01
N1	2-Aug-17	Impoundment	17X245211	<MDL	<0.05	0.01	0.01
N5	2-Aug-17	Impoundment	17X245211	<MDL	<0.05	0.01	0.01
N6	2-Aug-17	Impoundment	17X245211	<MDL	<0.05	0.02	0.02
N7	2-Aug-17	Impoundment	17X245211	<MDL	<0.05	0.01	0.01
N13	2-Aug-17	Impoundment	17X245211	<MDL	<0.05	0.58	0.61
N1	7-Aug-17	Impoundment	17X246258	<MDL	<0.05	0.01	0.01
N13	7-Aug-17	Impoundment	17X246258	<MDL	<0.05	0.04	0.07
N5	7-Aug-17	Impoundment	17X246258	<MDL	<0.05	0.01	0.01
N6	7-Aug-17	Impoundment	17X246258	<MDL	<0.05	<0.01	0.01
N7	7-Aug-17	Impoundment	17X246258	<MDL	<0.05	0.01	0.01
N1	18-Aug-17	Impoundment	17X250327	<MDL	<0.05	<0.01	0.01
N13	18-Aug-17	Impoundment	17X250327	<MDL	<0.05	<0.01	0.01
N5	18-Aug-17	Impoundment	17X250327	<MDL	<0.05	<0.01	0.01
N6	18-Aug-17	Impoundment	17X250327	<MDL	<0.05	<0.01	0.01
N7	18-Aug-17	Impoundment	17X250327	<MDL	<0.05	0.08	0.10
N1	21-Aug-17	Impoundment	17X252151	<MDL			

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Sample Site	Sample Date	Sample Type	AGAT Work Order #	Laboratory Results			
				Methylmercury	Total Mercury	Sulphide (%)	Total Sulfur (%)
				MDL = 0.4 ng/g	0.05 mg/kg	0.01	0.01
N5	21-Aug-17	Impoundment	17X252151	<MDL			
N6	21-Aug-17	Impoundment	17X252151	<MDL			
N7	21-Aug-17	Impoundment	17X252151	<MDL			
N1	31-Aug-17	Impoundment	17X255543	<MDL	<0.05	<0.01	0.01
N5	31-Aug-17	Impoundment	17X255543	<MDL	<0.05	0.01	0.02
N6	31-Aug-17	Impoundment	17X255543	<MDL	<0.05	0.01	0.01
N7	31-Aug-17	Impoundment	17X255543	<MDL	<0.05	<0.01	0.01
N13	31-Aug-17	Impoundment	17X255543	0.69	<0.05	0.37	0.41
N1	8-Sep-17	Impoundment	17X258240	<MDL	<0.05	<0.01	<0.01
N6	8-Sep-17	Impoundment	17X258240	<MDL	<0.05	<0.01	0.01
N1	14-Sep-17	Impoundment	17X260750	<MDL	<0.05	<0.01	0.01
N5	14-Sep-17	Impoundment	17X260750	<MDL	<0.05	0.01	0.01
N6	14-Sep-17	Impoundment	17X260750	<MDL	<0.05	0.01	0.01
N7	14-Sep-17	Impoundment	17X260750	<MDL	<0.05	0.02	0.02
N1	21-Sep-17	Impoundment	17X263073	<MDL	<0.05	0.01	0.01
N5	21-Sep-17	Impoundment	17X263073	<MDL	<0.05	0.02	0.02
N6	21-Sep-17	Impoundment	17X263073	<MDL	<0.05	0.01	0.01
N7	21-Sep-17	Impoundment	17X263073	<MDL	<0.05	0.01	0.01
N13	22-Sep-17	Impoundment	17X263720	<MDL	<0.05	0.25	0.35
N6	27-Sep-17	Impoundment	17X265126	<MDL			
N13	27-Sep-17	Impoundment	17X265126	<MDL			
N1	28-Sep-17	Impoundment	17X265685	<MDL			
N5	28-Sep-17	Impoundment	17X265685	<MDL			
N7	28-Sep-17	Impoundment	17X265685	<MDL			
N1	5-Oct-17	Impoundment	17X268710	<MDL	<0.05	0.01	0.01
N5	5-Oct-17	Impoundment	17X268710	<MDL	<0.05	0.01	0.01
N6	5-Oct-17	Impoundment	17X268710	<MDL	<0.05	<0.01	<0.01
N7	5-Oct-17	Impoundment	17X268710	<MDL	<0.05	<0.01	<0.01
N13	5-Oct-17	Impoundment	17X268710	<MDL	<0.05	0.02	0.04
N1	11-Oct-17	Impoundment	17X270356	<MDL			
N5	11-Oct-17	Impoundment	17X270356	<MDL			
N6	11-Oct-17	Impoundment	17X270356	<MDL			
N7	11-Oct-17	Impoundment	17X270356	<MDL			
N13	11-Oct-17	Impoundment	17X270356	<MDL			
N1	17-Oct-17	Impoundment	17X273328	<MDL			
N5	17-Oct-17	Impoundment	17X273328	<MDL			
N6	17-Oct-17	Impoundment	17X273328	<MDL			
N7	17-Oct-17	Impoundment	17X273328	<MDL			
N13	17-Oct-17	Impoundment	17X273328	<MDL			