

Appendix A: Figures of Field and Lab Sample Results

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A.1 Field Results - Lakes

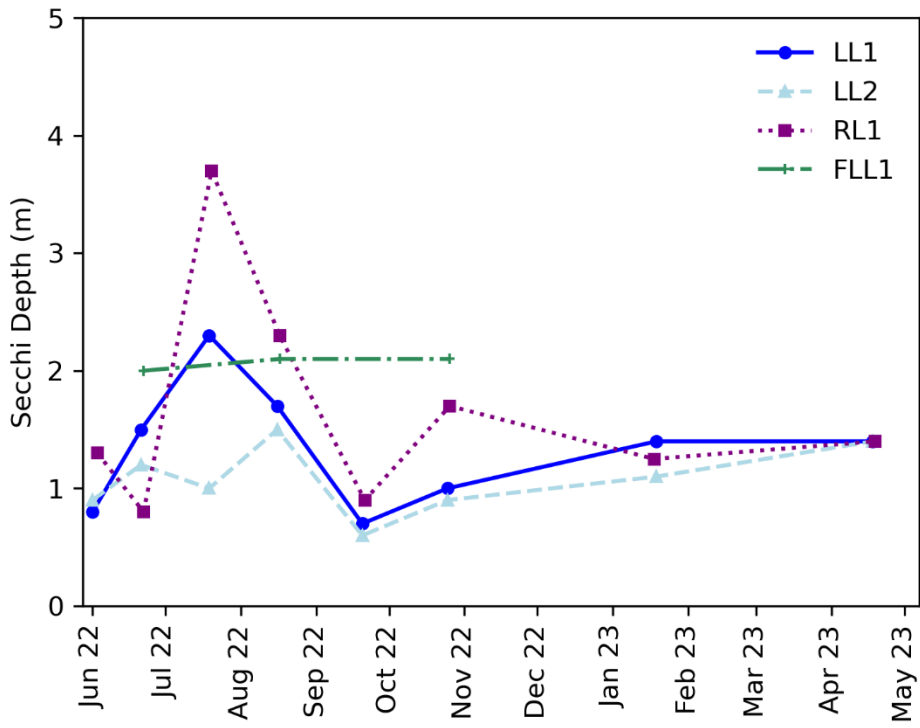


Figure A1. Secchi depth at lake sampling locations

A.2 Field Results - Creeks

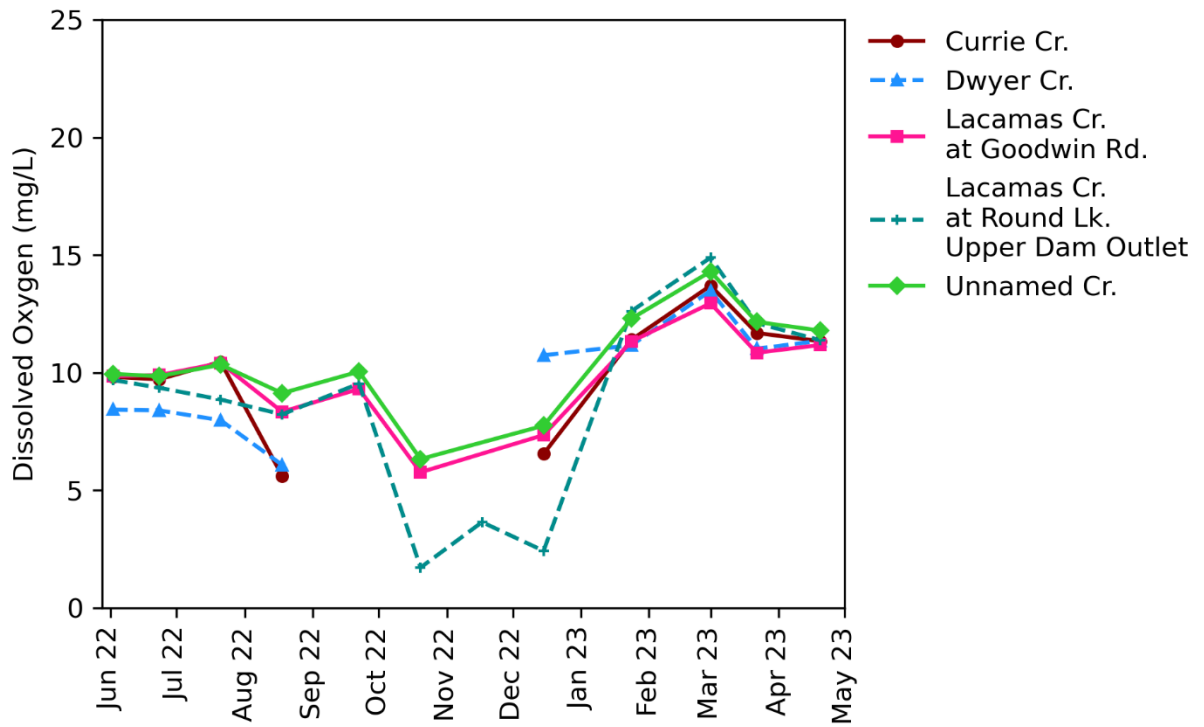


Figure A2. Dissolved Oxygen (DO) field results at Creek sampling locations.

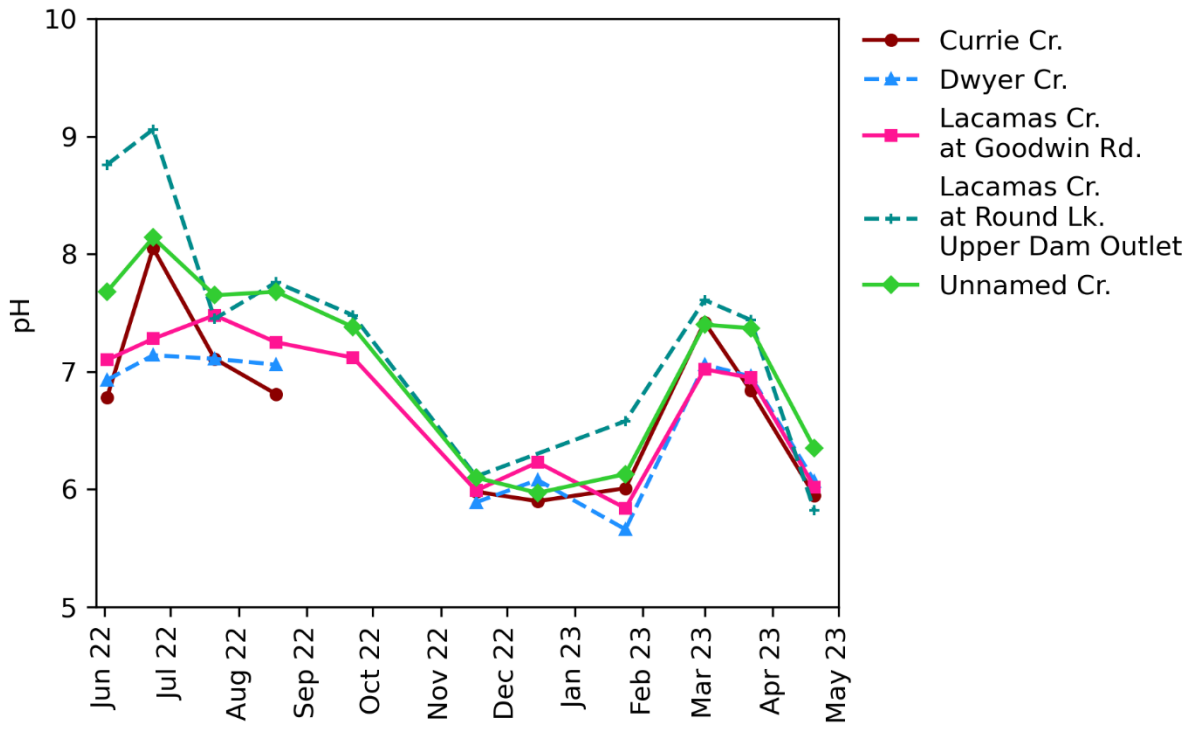


Figure A3. pH field results at Creek sampling locations.

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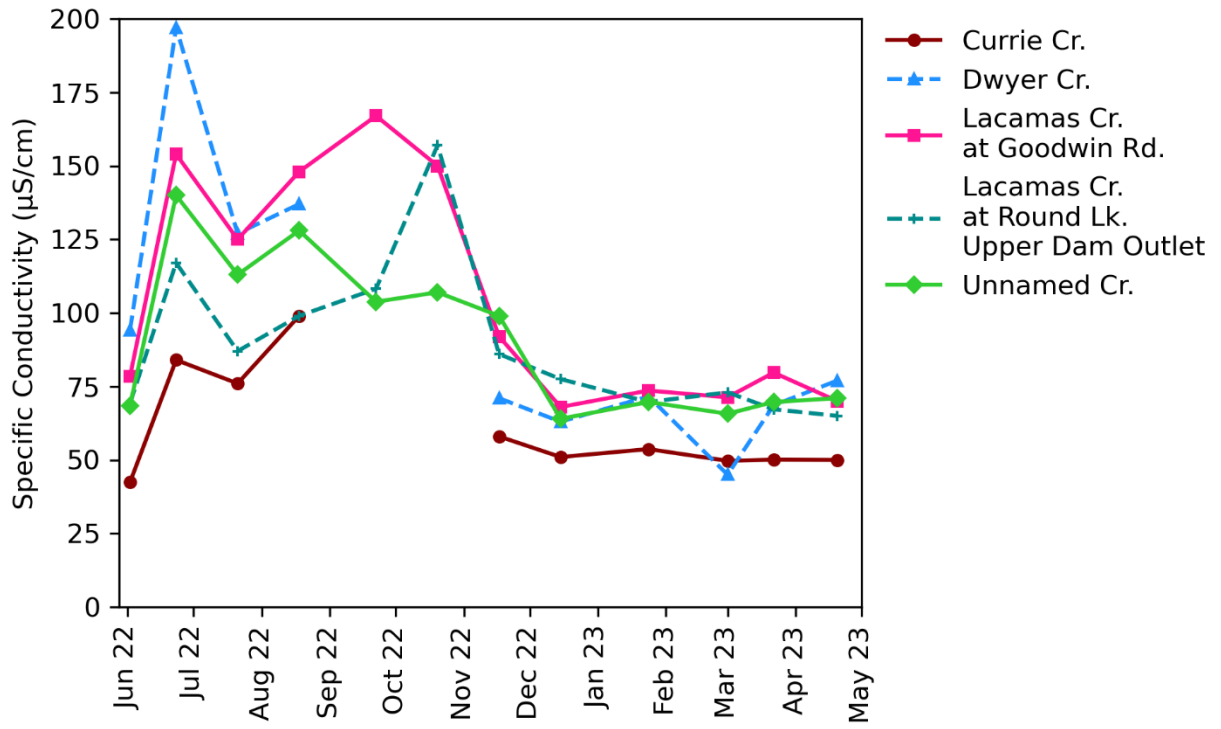


Figure A4. Specific Conductivity (SC) field results at Creek sampling locations.

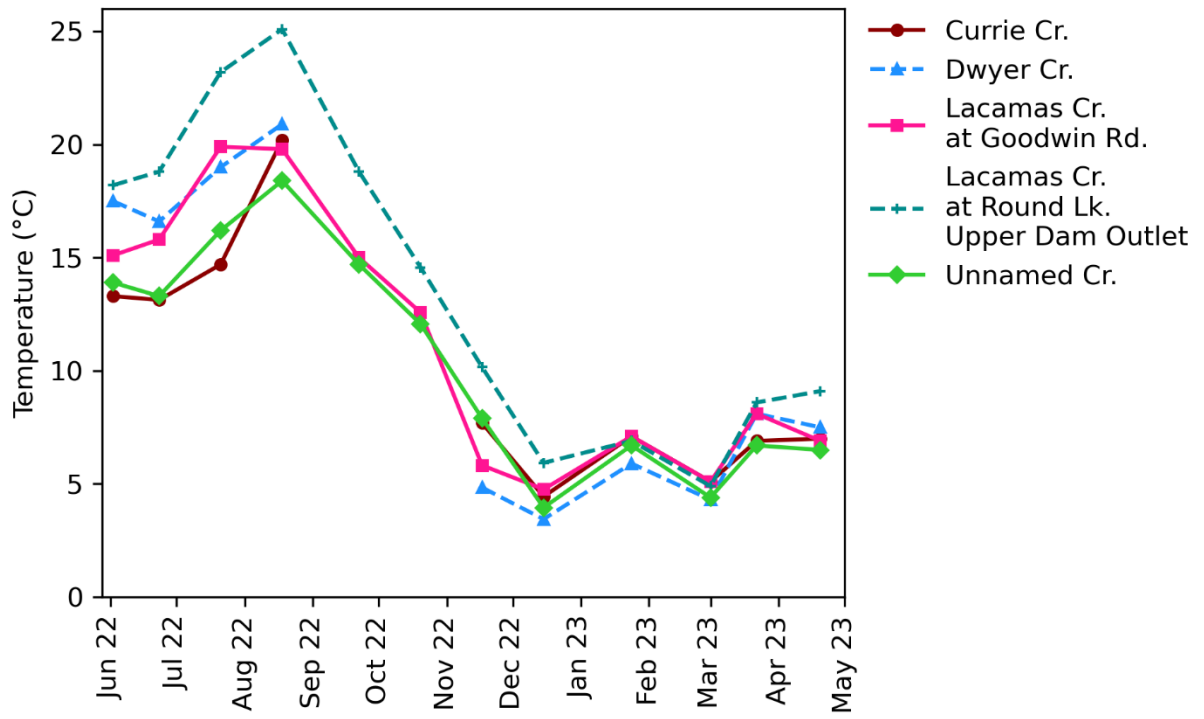


Figure A5. Temperature field results at Creek sampling locations.

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A.3 Lab Sample Results - Lakes

Note: non-detect values for all parameters were plotted as $\frac{1}{2}$ of the detection limit, except non-detect values for Total Suspended Solids, which were plotted as $\frac{1}{2}$ of the reporting limit.

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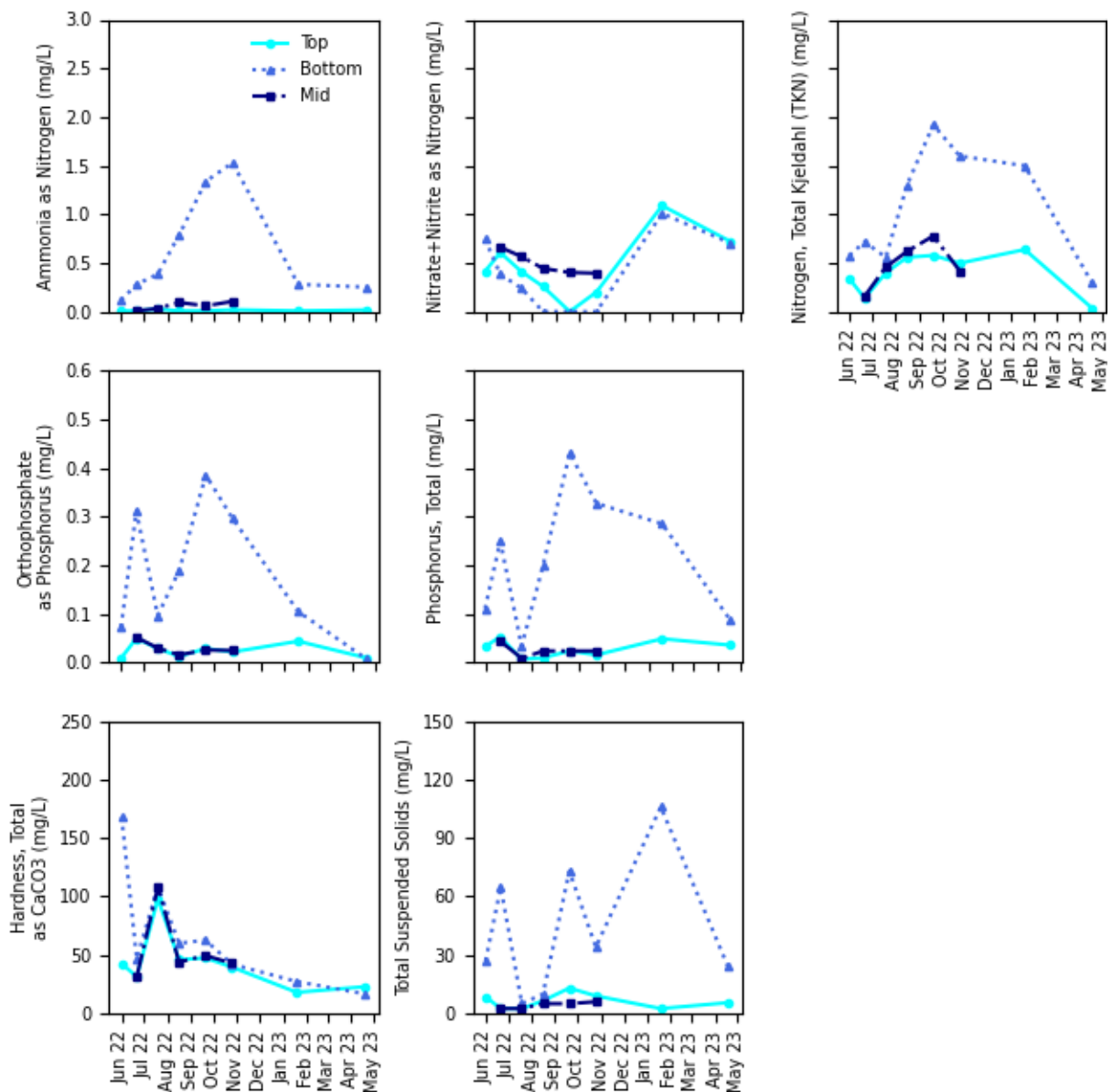


Figure A6. Lamas Lake at L1 lab parameter results.

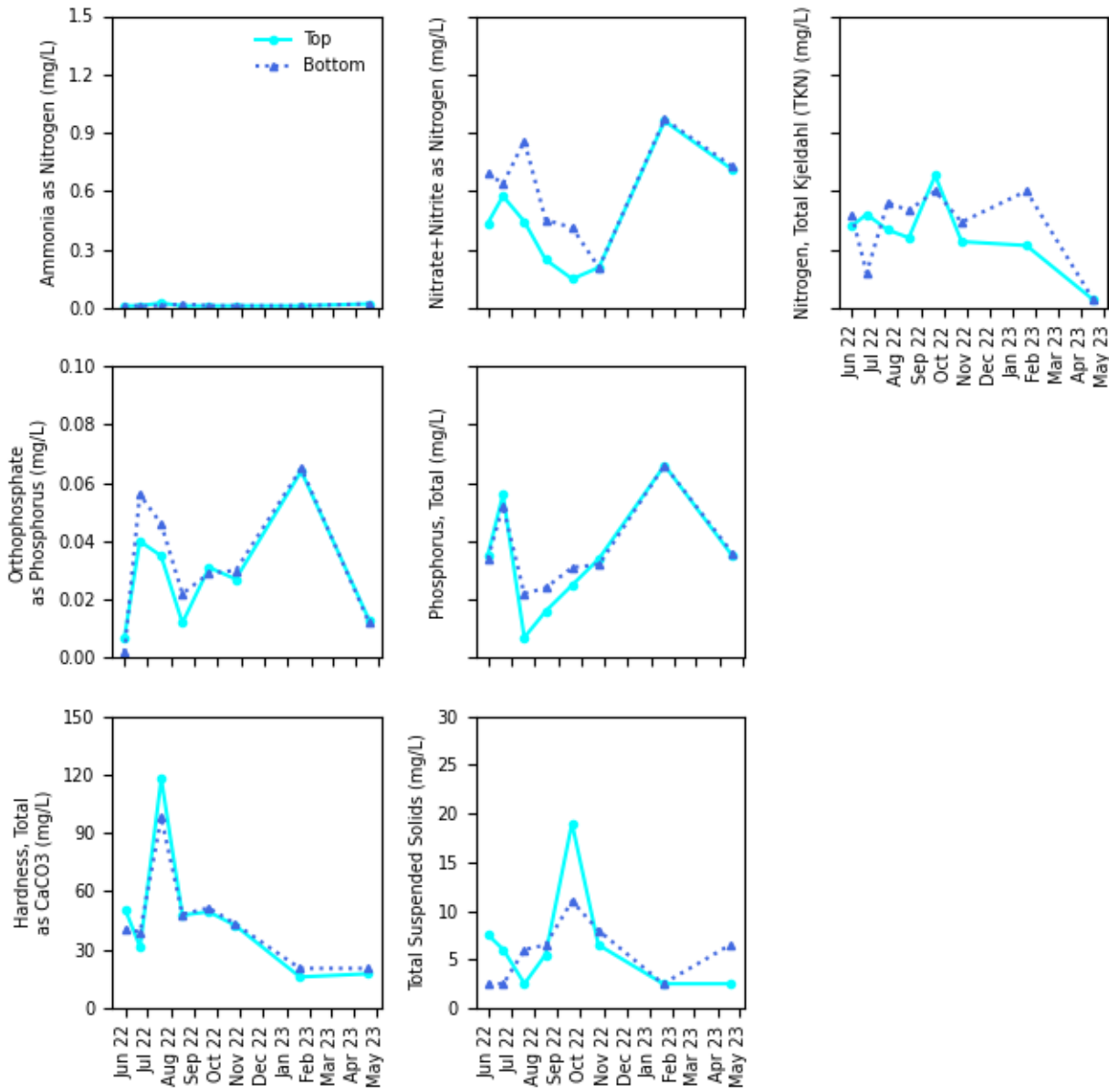


Figure A7. Lacamas Lake at LL2 lab parameter results

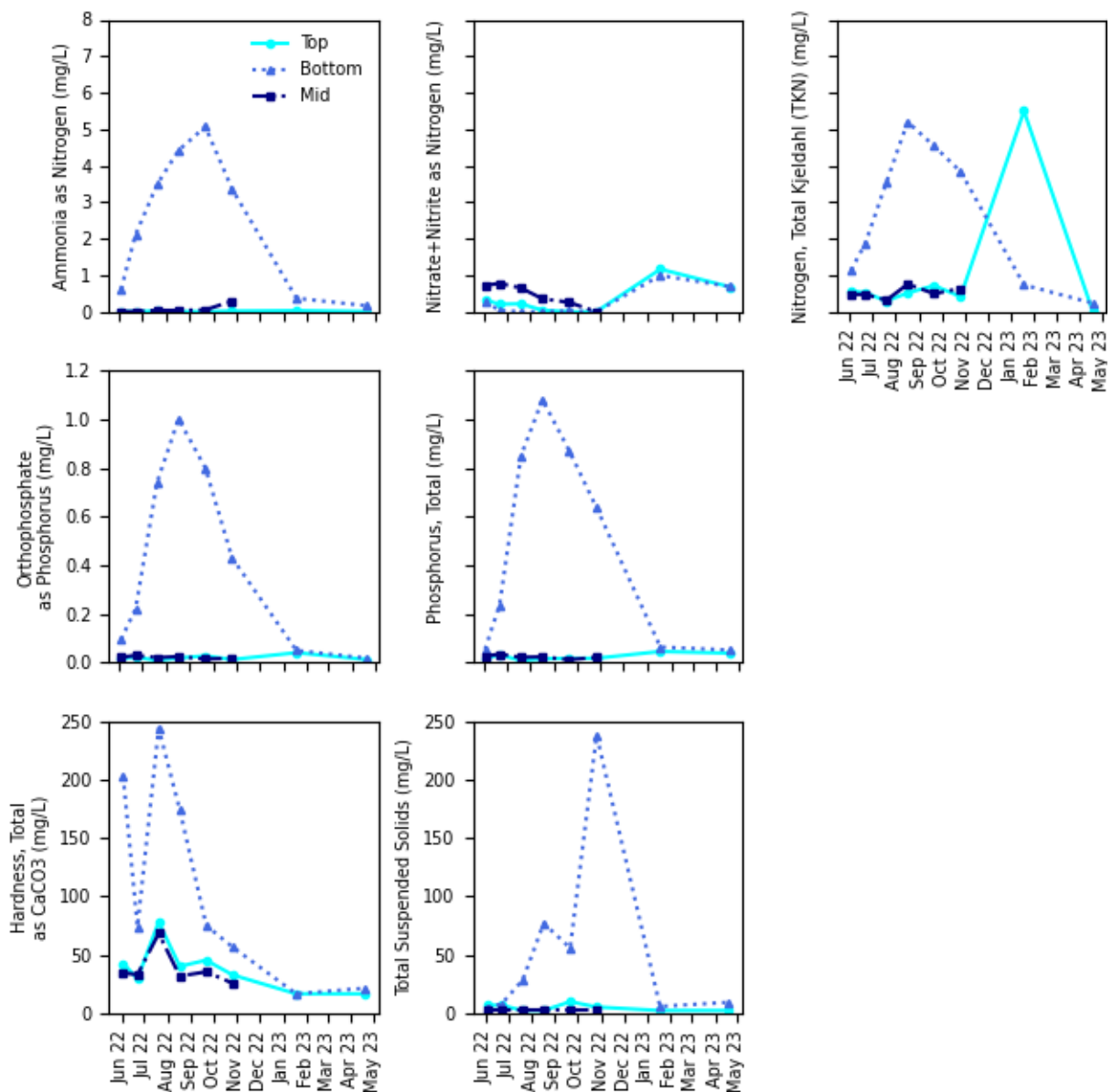


Figure A8. Round Lake at RL1 lab parameter results

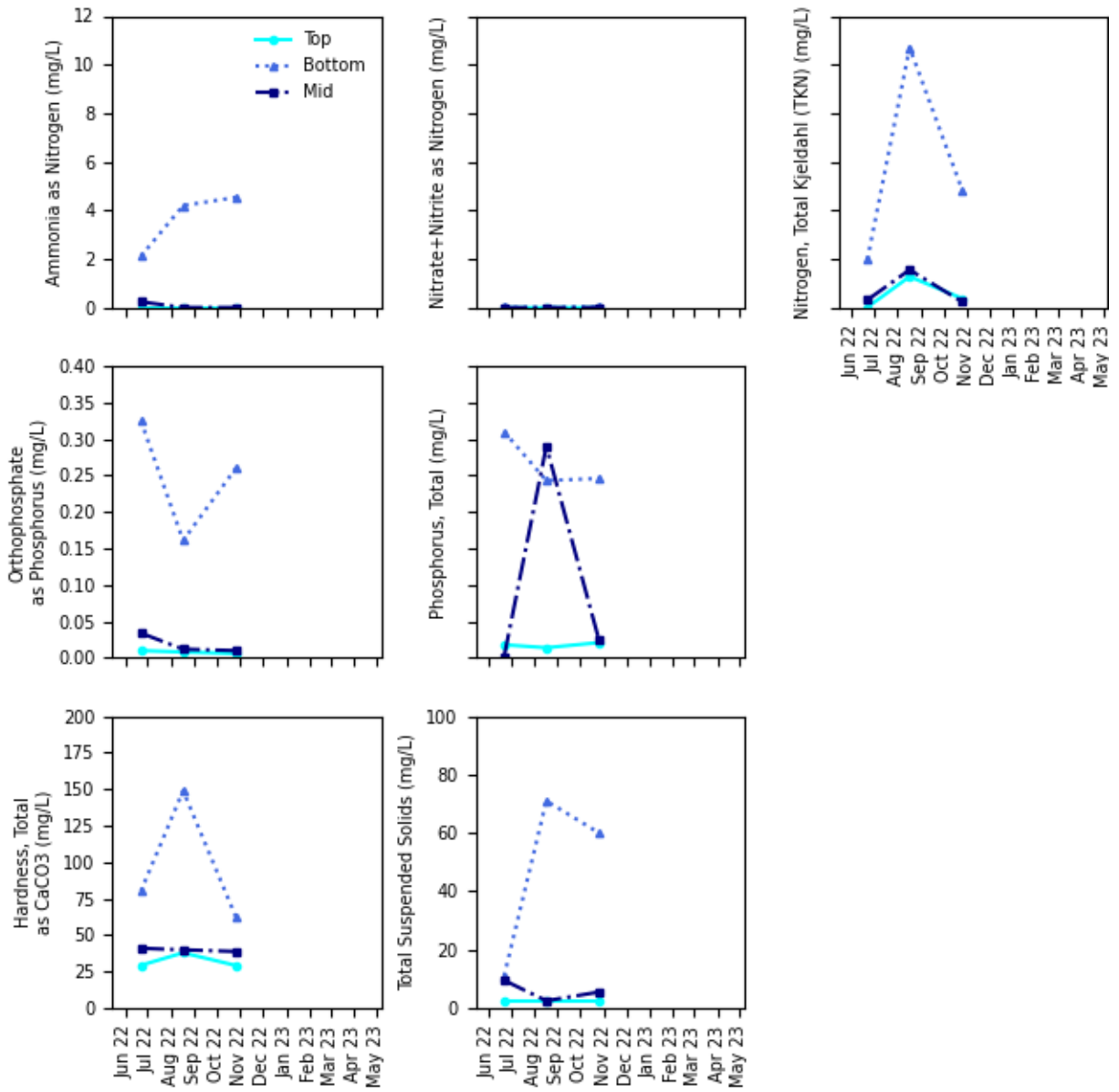


Figure A9. Fallen Leaf Lake at FLL1 lab parameter results

A.4 Lab Sample Results - Creeks

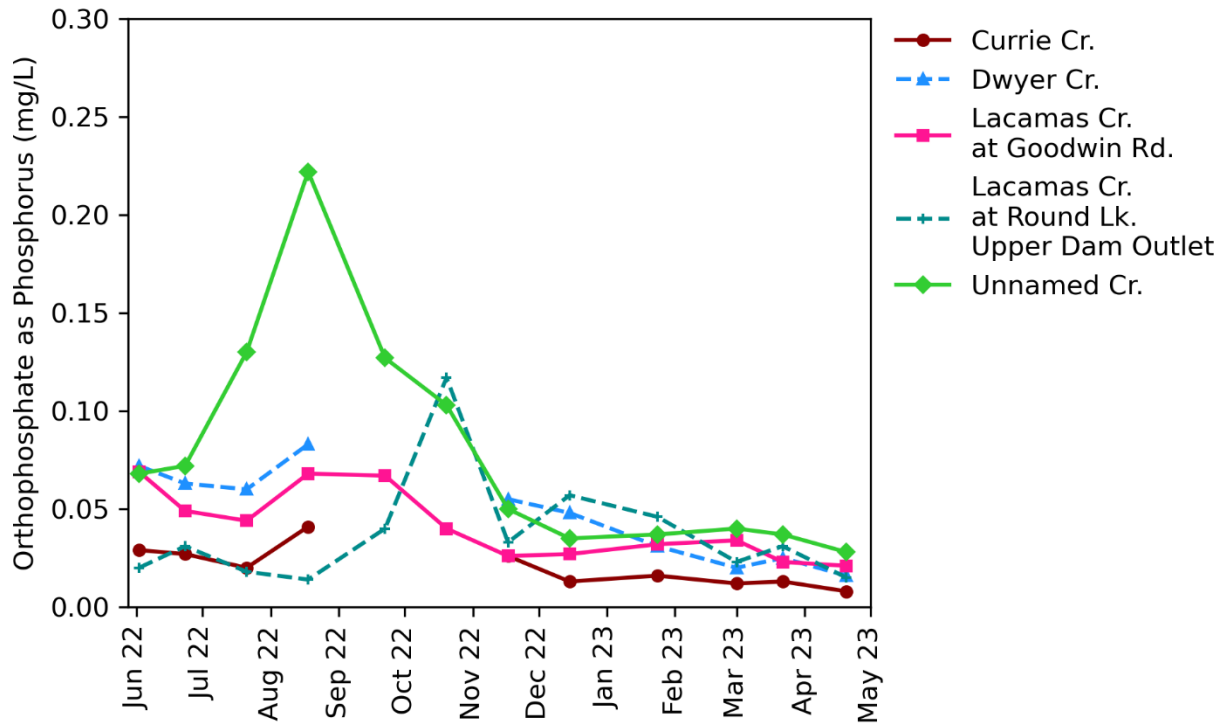


Figure A10. Orthophosphate lab results for Creek samples.

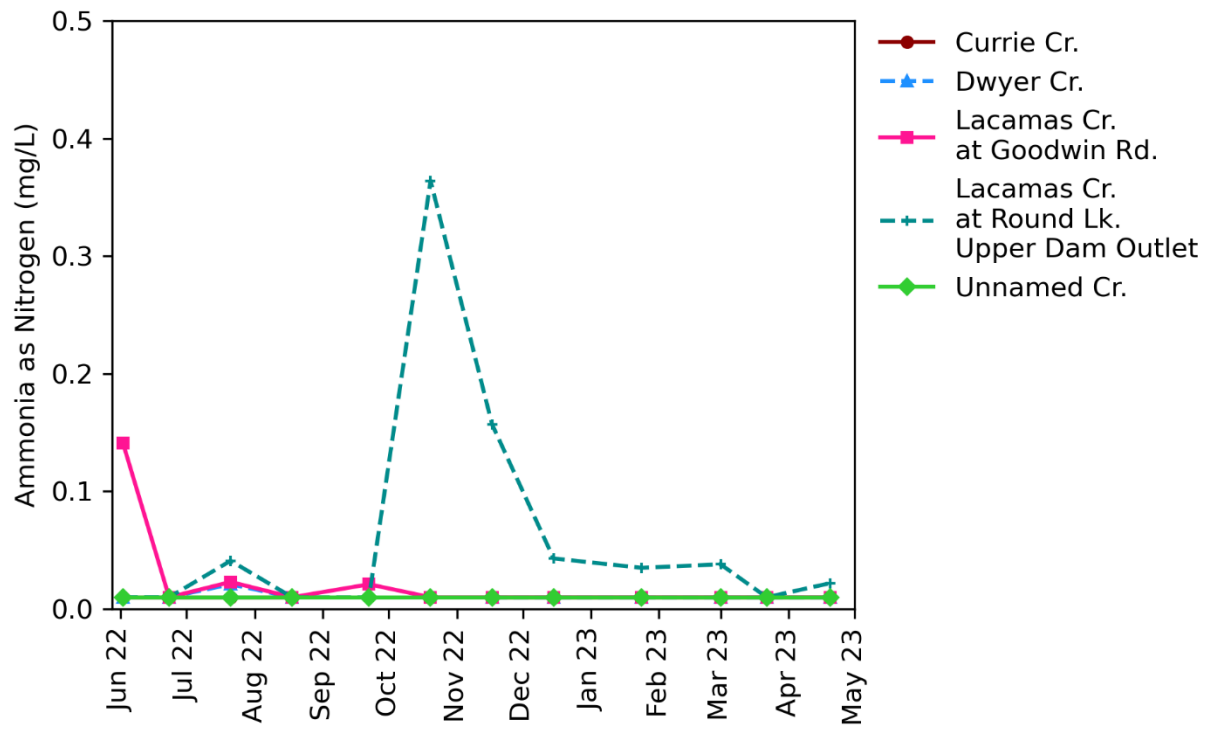


Figure A11. Ammonia as Nitrogen lab results for Creek samples.

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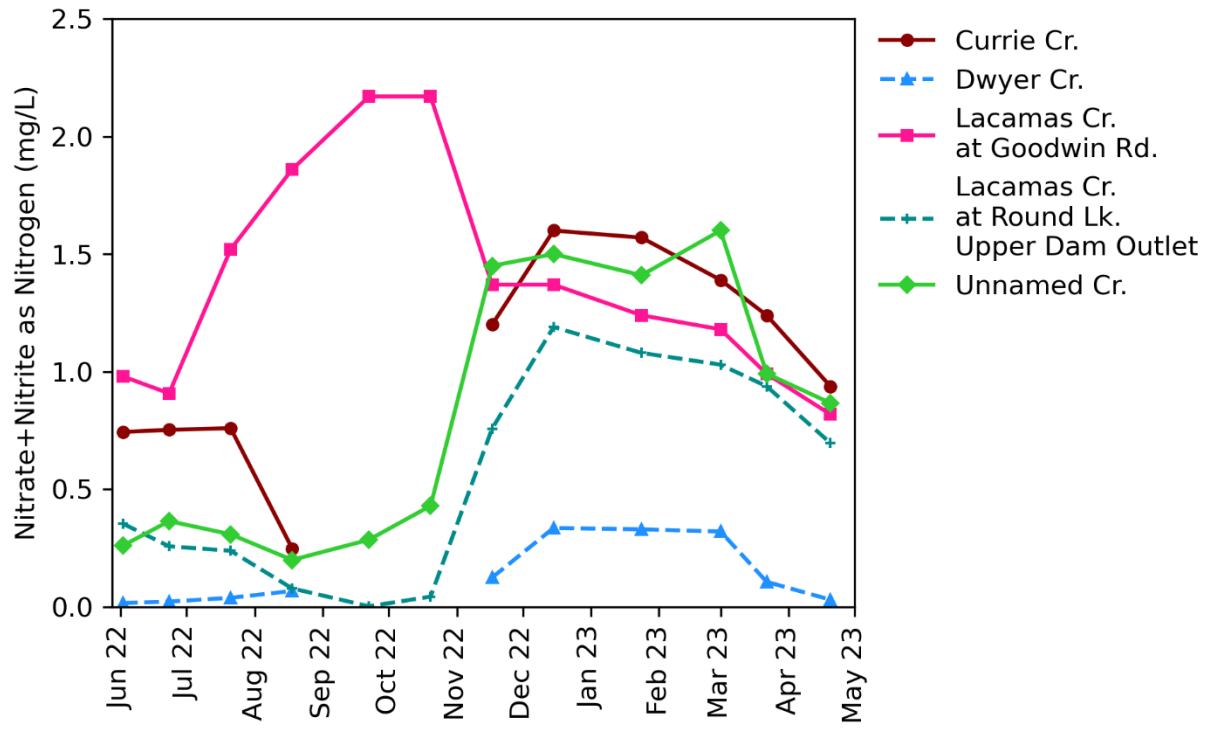


Figure A12. Nitrate+Nitrite lab results for Creek samples.

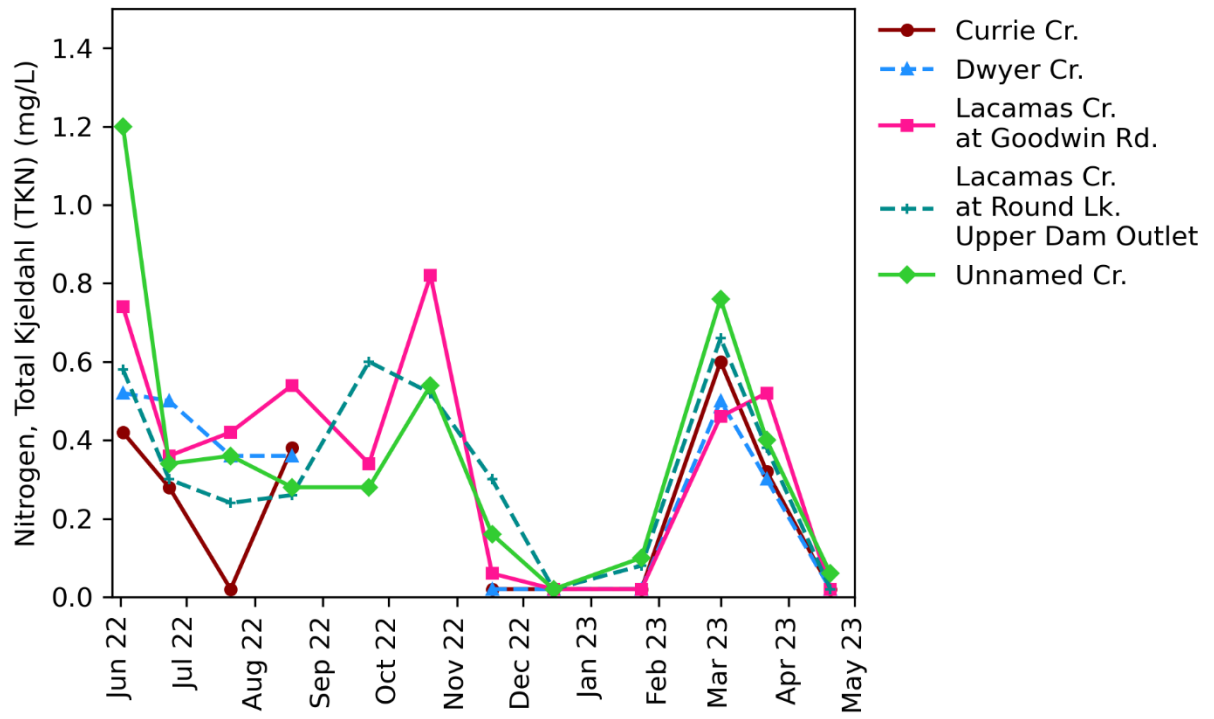


Figure A13. Total Kjeldahl Nitrogen lab results in Camas creeks

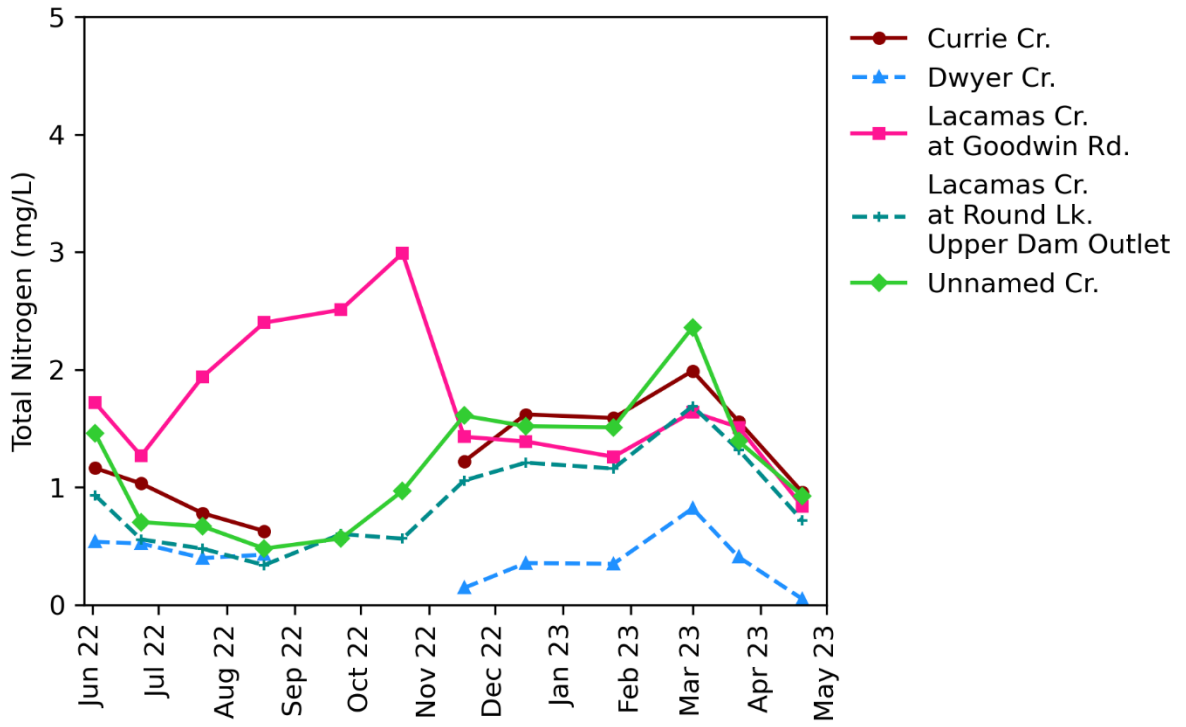


Figure A14. Total Nitrogen lab results for Creek samples.

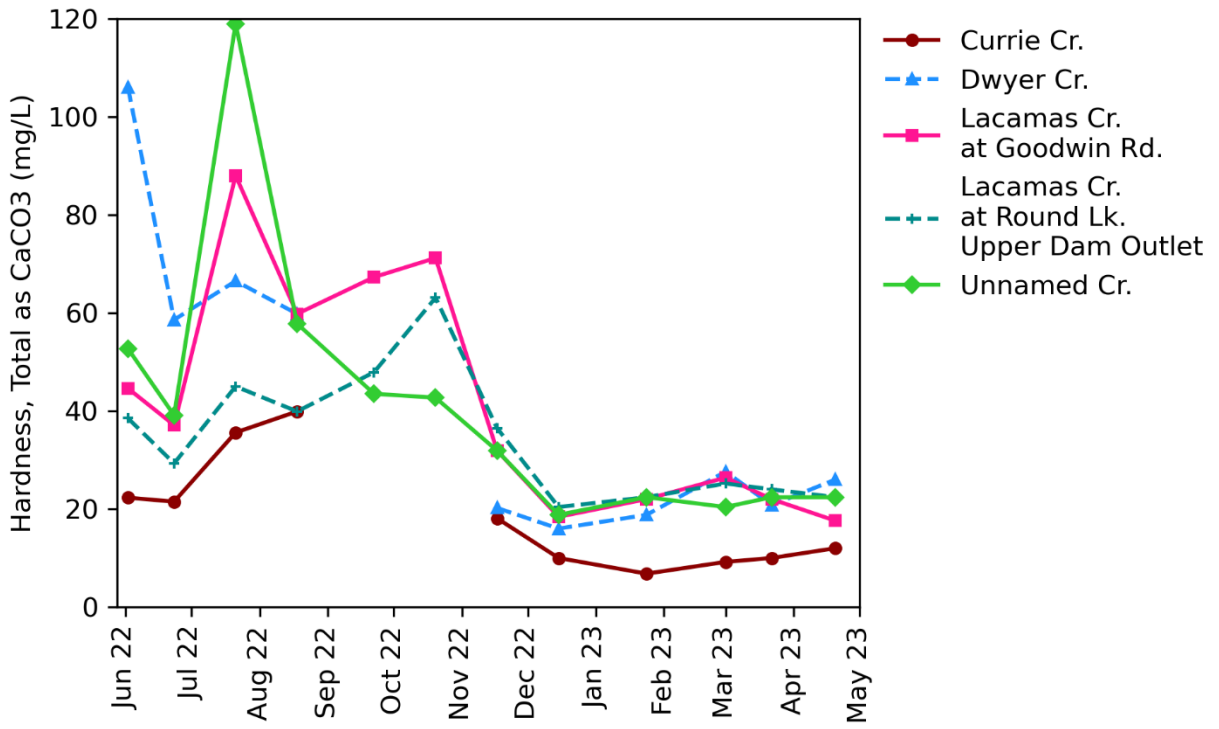


Figure A15. Total Hardness as CaCO₃ lab results for Creek samples.

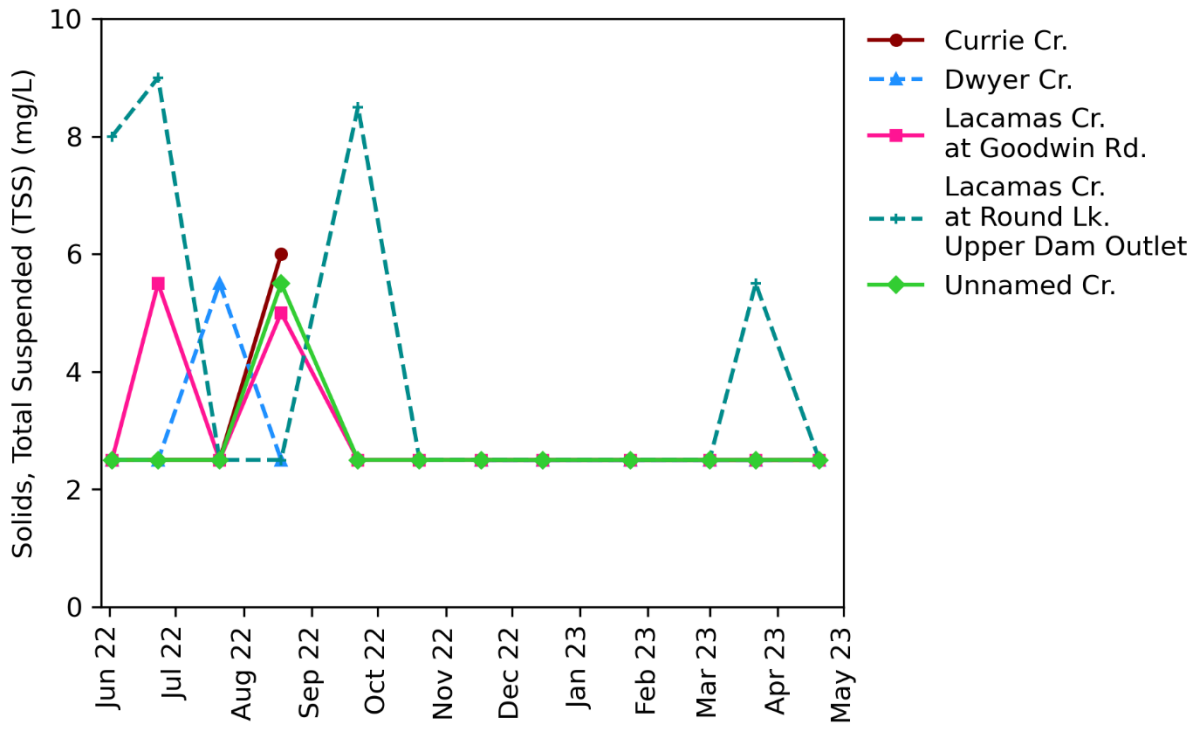


Figure A16. Total Suspended Solids (TSS) lab results for Creek samples.

Appendix B: Data Tables

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Appendix B-1

Lab Measurements

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Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	14.5	1.5	0.6	=
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	42.7	2	0.8	=
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.416	0.05	0.006	=
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.34	0.2	0.04	J
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.009	0.02	0.004	=,J
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.033	0.02	0.004	J
6/1/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	8.5	5		=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	Ammonia as N	mg/L	0.119	0.05	0.02	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	Hardness as CaCO3	mg/L	168	2	0.8	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	Nitrate+Nitrite as N	mg/L	0.747	0.05	0.006	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	TKN	mg/L	0.58	0.2	0.04	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	Orthophosphate as P	mg/L	0.073	0.02	0.004	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	Phosphorus, Total	mg/L	0.111	0.02	0.004	=
6/1/2022	Lacamas Lake	N	LL1	Bottom	LL1-17	TSS	mg/L	27	5		=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	14.8	1.3	0.6	=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	50.9	2	0.8	=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.434	0.05	0.006	=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.42	0.2	0.04	=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.007	0.02	0.004	=,J
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.035	0.02	0.004	=
6/1/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	7.5	5		=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Chlorophyll A	mg/m3	2.6	1.3	0.5	=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Hardness as CaCO3	mg/L	40.7	2	0.8	=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Nitrate+Nitrite as N	mg/L	0.692	0.05	0.006	=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	TKN	mg/L	0.48	0.2	0.04	=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Orthophosphate as P	mg/L	ND	0.02	0.004	ND
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	Phosphorus, Total	mg/L	0.034	0.02	0.004	=
6/1/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.5	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Chlorophyll A	mg/m3	15.1	1.4	0.6	=
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Hardness as CaCO3	mg/L	44.8	2	0.8	=
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Nitrate+Nitrite as N	mg/L	0.413	0.05	0.006	=
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	TKN	mg/L	0.54	0.2	0.04	J
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Orthophosphate as P	mg/L	0.008	0.02	0.004	=,J
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	Phosphorus, Total	mg/L	0.048	0.02	0.004	J
6/1/2022	Lacamas Lake	Y	LL1	Top	FD1	TSS	mg/L	10.5	5		=
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	8.2	1.4	0.6	=
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	42.7	2	0.8	=
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	0.329	0.05	0.006	=
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	0.58	0.2	0.04	=
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.016	0.02	0.004	=,J
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.018	0.02	0.004	=,J
6/3/2022	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	7	5		=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	Hardness as CaCO3	mg/L	34.6	2	0.8	=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	Nitrate+Nitrite as N	mg/L	0.722	0.05	0.006	=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	TKN	mg/L	0.48	0.2	0.04	=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	Orthophosphate as P	mg/L	0.022	0.02	0.004	=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	Phosphorus, Total	mg/L	0.027	0.02	0.004	=
6/3/2022	Round Lake	N	RL1	Mid	RL1-12	TSS	mg/L	ND	5		ND
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	Ammonia as N	mg/L	0.62	0.05	0.02	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	Hardness as CaCO3	mg/L	203	2	0.8	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	Nitrate+Nitrite as N	mg/L	0.282	0.05	0.006	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	TKN	mg/L	1.14	0.2	0.04	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	Orthophosphate as P	mg/L	0.095	0.02	0.004	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	Phosphorus, Total	mg/L	0.055	0.02	0.004	=
6/3/2022	Round Lake	N	RL1	Bottom	RL1-13.5	TSS	mg/L	5	5		=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	Ammonia as N	mg/L	ND	0.05	0.02	ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	Hardness as CaCO3	mg/L	20.3	2	0.8	=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	Nitrate+Nitrite as N	mg/L	0.739	0.05	0.006	=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	TKN	mg/L	0.5	0.2	0.04	=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	Orthophosphate as P	mg/L	0.025	0.02	0.004	=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	Phosphorus, Total	mg/L	0.023	0.02	0.004	=
6/2/2022	Currie Creek	Y	CC1	N/A	FD2	TSS	mg/L	ND	5		ND
6/2/2022	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/2/2022	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	22.3	2	0.8	=
6/2/2022	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	0.744	0.05	0.006	=
6/2/2022	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.029	0.02	0.004	=
6/2/2022	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.021	0.02	0.004	=
6/2/2022	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	38.5	2	0.8	B
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.354	0.05	0.006	=
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.58	0.2	0.04	=
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.02	0.02	0.004	=
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
6/2/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	8	5		=
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	52.7	2	0.8	B
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.261	0.05	0.006	=
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	TKN	mg/L	1.2	0.2	0.04	=
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.068	0.02	0.004	=
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.066	0.02	0.004	=
6/2/2022	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	0.141	0.05	0.02	=
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	44.6	2	0.8	=
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	0.98	0.05	0.006	=
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.069	0.02	0.004	=
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.054	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/2/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	106	5	2	=
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.017	0.05	0.006	=,J
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	TKN	mg/L	0.52	0.2	0.04	=
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.072	0.02	0.004	=
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.07	0.02	0.004	=
6/2/2022	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	17.5	1.3	0.5	=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.574	0.05	0.006	=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.48	0.2	0.04	=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.04	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.056	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	6	5		=
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Chlorophyll A	mg/m3	0.8	1.3	0.5	=,J
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Nitrate+Nitrite as N	mg/L	0.637	0.05	0.006	=
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	TKN	mg/L	0.18	0.2	0.04	=,J
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Orthophosphate as P	mg/L	0.056	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Phosphorus, Total	mg/L	0.052	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	TSS	mg/L	ND	5		ND
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	6	1.3	0.5	=
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.608	0.05	0.006	=
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.14	0.2	0.04	=,J
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.05	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.053	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	ND	5		ND
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Chlorophyll A	mg/m3	0.8	1.2	0.5	=,J

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Nitrate+Nitrite as N	mg/L	0.664	0.05	0.006	=
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	TKN	mg/L	0.16	0.2	0.04	=,J
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Orthophosphate as P	mg/L	0.052	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Phosphorus, Total	mg/L	0.044	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	TSS	mg/L	ND	5		ND
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Ammonia as N	mg/L	0.281	0.05	0.02	=
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Nitrate+Nitrite as N	mg/L	0.386	0.05	0.006	=
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	TKN	mg/L	0.72	0.2	0.04	=
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Orthophosphate as P	mg/L	0.311	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Phosphorus, Total	mg/L	0.249	0.02	0.004	=
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	TSS	mg/L	64.7	6.7		=
6/21/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	31.3	2	0.8	=,*
6/21/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.2	Hardness as CaCO3	mg/L	39.1	2	0.8	=,*
6/21/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	31.3	2	0.8	=,*
6/21/2022	Lacamas Lake	N	LL1	Mid	LL1-7.0	Hardness as CaCO3	mg/L	31.3	2	0.8	=,*
6/21/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Hardness as CaCO3	mg/L	46.9	2	0.8	=,*
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Chlorophyll A	mg/m3	8.3	1.2	0.5	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	TKN	mg/L	ND	0.08	0.04	ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Orthophosphate as P	mg/L	0.01	0.02	0.004	=,J
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Phosphorus, Total	mg/L	0.018	0.02	0.004	=,J
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	TSS	mg/L	ND	5		ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Ammonia as N	mg/L	0.244	0.05	0.02	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Chlorophyll A	mg/m3	6.7	1.3	0.5	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Nitrate+Nitrite as N	mg/L	0.007	0.05	0.006	=,J
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	TKN	mg/L	0.32	0.2	0.04	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Orthophosphate as P	mg/L	0.034	0.02	0.004	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Phosphorus, Total	mg/L	ND	0.02	0.004	ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	TSS	mg/L	9.5	5		=
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Ammonia as N	mg/L	2.12	0.1	0.04	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Chlorophyll A	mg/m3	33.7	1.2	0.5	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Nitrate+Nitrite as N	mg/L	0.024	0.05	0.006	=,J
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	TKN	mg/L	1.98	0.2	0.04	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Orthophosphate as P	mg/L	0.325	0.02	0.004	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Phosphorus, Total	mg/L	0.31	0.1	0.02	=
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	TSS	mg/L	11	5		=
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	Chlorophyll A	mg/m3	8.2	1.2	0.5	=
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	TKN	mg/L	0.12	0.2	0.04	=,J
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	Orthophosphate as P	mg/L	0.006	0.02	0.004	=,J
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	Phosphorus, Total	mg/L	0.019	0.02	0.004	=,J
6/22/2022	Fallen Leaf Lake	Y	FLL1	Top	FD3-0.5	TSS	mg/L	ND	5		ND
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FLL1-0.5	Hardness as CaCO3	mg/L	29.3	2	0.8	=,*
6/22/2022	Fallen Leaf Lake	N	FLL1	Mid	FLL1-4.0	Hardness as CaCO3	mg/L	41	2	0.8	=,*
6/22/2022	Fallen Leaf Lake	N	FLL1	Bottom	FLL1-7.75	Hardness as CaCO3	mg/L	80.1	2	0.8	=,*
6/22/2022	Fallen Leaf Lake	N	FLL1	Top	FD3-0.5	Hardness as CaCO3	mg/L	35.2	2	0.8	=,*
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	24.8	1.2	0.5	=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	0.211	0.05	0.006	=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	0.52	0.2	0.04	=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.023	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.032	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	7	5		=
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	Nitrate+Nitrite as N	mg/L	0.782	0.05	0.006	=
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	TKN	mg/L	0.48	0.2	0.04	=
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	Orthophosphate as P	mg/L	0.03	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	Phosphorus, Total	mg/L	0.035	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	TSS	mg/L	ND	5		ND
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	Ammonia as N	mg/L	2.12	0.1	0.04	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	Nitrate+Nitrite as N	mg/L	0.038	0.05	0.006	=,J
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	TKN	mg/L	1.88	0.2	0.04	=
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	Orthophosphate as P	mg/L	0.221	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	Phosphorus, Total	mg/L	0.236	0.02	0.004	=
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	TSS	mg/L	8	5		=
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.258	0.05	0.006	=
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.3	0.2	0.04	=
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.031	0.02	0.004	=
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.052	0.02	0.004	=
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	9	5		=
6/22/2022	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	29.7	2	0.8	=,*
6/22/2022	Round Lake	N	RL1	Mid	RL1-11.0	Hardness as CaCO3	mg/L	33.2	2	0.8	=,*
6/22/2022	Round Lake	N	RL1	Bottom	RL1-13.6	Hardness as CaCO3	mg/L	74.2	2	0.8	=,*
6/23/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	29.3	2	0.8	B,*
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.023	0.05	0.006	=,J
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.063	0.02	0.004	=
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.067	0.02	0.004	=
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	0.908	0.05	0.006	=
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.049	0.02	0.004	=
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.043	0.02	0.004	=
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	5.5	5		=
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.365	0.05	0.006	=
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.072	0.02	0.004	=
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.067	0.02	0.004	=
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
6/23/2022	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
6/23/2022	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	0.753	0.05	0.006	=
6/23/2022	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.027	0.02	0.004	=
6/23/2022	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.028	0.02	0.004	=
6/23/2022	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
6/23/2022	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	58.6	2	0.8	=,*
6/23/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	37.1	2	0.8	=,*
6/23/2022	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	39.1	2	0.8	B,*
6/23/2022	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	21.5	2	0.8	=,*
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	0.03	0.05	0.02	=,J
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	5.7	1.2	0.5	=
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	98	10	4	=
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.412	0.05	0.006	=
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.4	0.2	0.04	=
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.029	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.007	0.02	0.004	=,J
7/19/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	ND	5		ND
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	Ammonia as N	mg/L	0.387	0.05	0.02	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	Hardness as CaCO3	mg/L	108	10	4	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	Nitrate+Nitrite as N	mg/L	0.241	0.05	0.006	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	TKN	mg/L	0.56	0.2	0.04	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	Orthophosphate as P	mg/L	0.097	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	Phosphorus, Total	mg/L	0.034	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.5	TSS	mg/L	5	5		=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Ammonia as N	mg/L	0.035	0.05	0.02	=,J
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Chlorophyll A	mg/m3	10.7	1.3	0.6	=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Hardness as CaCO3	mg/L	108	10	4	=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Nitrate+Nitrite as N	mg/L	0.567	0.05	0.006	=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	TKN	mg/L	0.46	0.2	0.04	=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Orthophosphate as P	mg/L	0.03	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Phosphorus, Total	mg/L	0.009	0.02	0.004	=,J
7/19/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	0.024	0.05	0.02	=,J
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	4.6	1.3	0.5	J
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	118	10	4	J
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.443	0.05	0.006	=
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.4	0.2	0.04	=
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.035	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.007	0.02	0.004	=,J
7/19/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	ND	5	ND	ND
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Ammonia as N	mg/L	0.022	0.05	0.02	=,J
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Chlorophyll A	mg/m3	6.1	1.2	0.5	J
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Hardness as CaCO3	mg/L	69	10	4	J
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Nitrate+Nitrite as N	mg/L	0.442	0.05	0.006	=
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	TKN	mg/L	0.36	0.2	0.04	=
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Orthophosphate as P	mg/L	0.032	0.02	0.004	=
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	Phosphorus, Total	mg/L	0.006	0.02	0.004	=,J
7/19/2022	Lacamas Lake	Y	LL2	Top	FD 3	TSS	mg/L	ND	5	ND	ND
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Ammonia as N	mg/L	ND	0.05	0.02	ND
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Chlorophyll A	mg/m3	16.5	1.2	0.5	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Hardness as CaCO3	mg/L	98	10	4	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Nitrate+Nitrite as N	mg/L	0.857	0.05	0.006	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	TKN	mg/L	0.54	0.2	0.04	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Orthophosphate as P	mg/L	0.046	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	Phosphorus, Total	mg/L	0.022	0.02	0.004	=
7/19/2022	Lacamas Lake	N	LL2	Bottom	LL2-5.3	TSS	mg/L	6	5		=
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Ammonia as N	mg/L	0.024	0.05	0.02	=,J
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Chlorophyll A	mg/m3	3	1.1	0.5	=
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Hardness as CaCO3	mg/L	78.2	2	0.8	=
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Nitrate+Nitrite as N	mg/L	0.221	0.05	0.006	=
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	TKN	mg/L	0.3	0.2	0.04	=
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Orthophosphate as P	mg/L	0.009	0.02	0.004	=,J
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	Phosphorus, Total	mg/L	0.009	0.02	0.004	=,J

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
7/20/2022	Round Lake	N	RL1	Top	RL1 0.5	TSS	mg/L	ND	5		ND
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	Ammonia as N	mg/L	0.042	0.05	0.02	=,J
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	Hardness as CaCO3	mg/L	68.4	2	0.8	=
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	Nitrate+Nitrite as N	mg/L	0.654	0.05	0.006	=
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	TKN	mg/L	0.32	0.2	0.04	=
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	Orthophosphate as P	mg/L	0.021	0.02	0.004	=
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	Phosphorus, Total	mg/L	0.022	0.02	0.004	=
7/20/2022	Round Lake	N	RL1	Mid	RL1 11.0	TSS	mg/L	ND	5		ND
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	Ammonia as N	mg/L	3.49	0.25	0.1	=
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	Hardness as CaCO3	mg/L	244	2	0.8	=
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	Nitrate+Nitrite as N	mg/L	0.006	0.05	0.006	=,J
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	TKN	mg/L	3.56	0.2	0.04	=
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	Orthophosphate as P	mg/L	0.74	0.1	0.02	=
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	Phosphorus, Total	mg/L	0.85	0.1	0.02	=
7/20/2022	Round Lake	N	RL1	Bottom	RL1 14.2	TSS	mg/L	28.5	5		=
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	0.023	0.05	0.02	=,J
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	88	2	0.8	=
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	1.52	0.05	0.006	=
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.044	0.02	0.004	=
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.038	0.02	0.004	=
7/21/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	119	2	0.8	=
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.309	0.05	0.006	=
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.13	0.02	0.004	=
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.127	0.02	0.004	=
7/21/2022	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.041	0.05	0.02	=,J
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	45	2	0.8	B
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.239	0.05	0.006	=
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.24	0.2	0.04	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.018	0.02	0.004	=,J
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.017	0.02	0.004	=,J
7/21/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	0.021	0.05	0.02	=,J
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	66.5	2	0.8	=
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.039	0.05	0.006	=,J
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.06	0.02	0.004	=
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.077	0.02	0.004	=
7/21/2022	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	5.5	5		=
7/21/2022	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
7/21/2022	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	35.6	2	0.8	B
7/21/2022	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	0.76	0.05	0.006	=
7/21/2022	Currie Creek	N	CC1	N/A	CC1	TKN	mg/L	ND	0.2	0.04	ND
7/21/2022	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.02	0.02	0.004	=
7/21/2022	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.013	0.02	0.004	=,J
7/21/2022	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	7.2	1.2	0.5	=
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	45.9	2	0.8	=
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.261	0.05	0.006	=
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.56	0.2	0.04	=
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.01	0.02	0.004	=,J
8/16/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	6.5	5		=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Ammonia as N	mg/L	0.097	0.05	0.02	=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Chlorophyll A	mg/m3	9.5	1.2	0.5	=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Hardness as CaCO3	mg/L	43.9	2	0.8	=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Nitrate+Nitrite as N	mg/L	0.446	0.05	0.006	=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	TKN	mg/L	0.62	0.2	0.04	=
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Orthophosphate as P	mg/L	0.016	0.02	0.004	=,J
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	Phosphorus, Total	mg/L	0.024	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
8/16/2022	Lacamas Lake	N	LL1	Mid	LL1-6.0	TSS	mg/L	5	5		=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	Ammonia as N	mg/L	0.79	0.05	0.02	=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	Hardness as CaCO3	mg/L	60	10	4	=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	TKN	mg/L	1.3	0.2	0.04	=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	Orthophosphate as P	mg/L	0.189	0.02	0.004	=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	Phosphorus, Total	mg/L	0.199	0.02	0.004	=
8/16/2022	Lacamas Lake	N	LL1	Bottom	LL1-17.7	TSS	mg/L	10	5		=
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	10.8	1.2	0.5	=
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	47.8	2	0.8	=
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.247	0.05	0.006	=
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.36	0.2	0.04	=
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.012	0.02	0.004	=,J
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.016	0.02	0.004	=,J
8/16/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	5.5	5		=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Ammonia as N	mg/L	0.02	0.05	0.02	=,J
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Chlorophyll A	mg/m3	6.8	1.3	0.5	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Hardness as CaCO3	mg/L	48.2	2	0.8	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Nitrate+Nitrite as N	mg/L	0.452	0.05	0.006	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	TKN	mg/L	0.5	0.2	0.04	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Orthophosphate as P	mg/L	0.022	0.02	0.004	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
8/16/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.8	TSS	mg/L	6.5	5		=
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Chlorophyll A	mg/m3	7.3	1.4	0.6	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Hardness as CaCO3	mg/L	37.9	2	0.8	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	TKN	mg/L	1.28	0.2	0.04	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Orthophosphate as P	mg/L	0.008	0.02	0.004	=,J
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Phosphorus, Total	mg/L	0.014	0.02	0.004	=,J

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
8/17/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	TSS	mg/L	ND	5		ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Chlorophyll A	mg/m3	19.2	1.2	0.5	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Hardness as CaCO3	mg/L	39.9	2	0.8	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	TKN	mg/L	1.56	0.2	0.04	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Orthophosphate as P	mg/L	0.012	0.02	0.004	=,J
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	Phosphorus, Total	mg/L	0.29	0.2	0.04	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-3.5	TSS	mg/L	ND	5		ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Ammonia as N	mg/L	4.2	0.25	0.1	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Chlorophyll A	mg/m3	43.4	1.2	0.5	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Hardness as CaCO3	mg/L	149	25	10	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	TKN	mg/L	10.7	0.2	0.04	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Orthophosphate as P	mg/L	0.161	0.02	0.004	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Phosphorus, Total	mg/L	0.243	0.02	0.004	=
8/17/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	TSS	mg/L	71	10		=
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	3	1.3	0.5	=
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	40.3	2	0.8	=
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	0.047	0.05	0.006	=,J
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	0.52	0.2	0.04	=
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.019	0.02	0.004	=,J
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.016	0.02	0.004	=,J
8/17/2022	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	ND	5		ND
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Ammonia as N	mg/L	0.041	0.05	0.02	=,J
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Chlorophyll A	mg/m3	5.1	1.2	0.5	=
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Hardness as CaCO3	mg/L	31.9	2	0.8	=
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Nitrate+Nitrite as N	mg/L	0.359	0.05	0.006	=
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	TKN	mg/L	0.76	0.2	0.04	=
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Orthophosphate as P	mg/L	0.025	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
8/17/2022	Round Lake	N	RL1	Mid	RL1-5.5	TSS	mg/L	ND	5		ND
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	Ammonia as N	mg/L	4.42	0.25	0.1	=
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	Hardness as CaCO3	mg/L	174	25	10	=
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	TKN	mg/L	5.2	0.2	0.04	=
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	Orthophosphate as P	mg/L	1	0.1	0.02	=
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	Phosphorus, Total	mg/L	1.08	0.1	0.02	=
8/17/2022	Round Lake	N	RL1	Bottom	RL1-14.5	TSS	mg/L	77	10		=
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	Hardness as CaCO3	mg/L	39.9	2	0.8	B
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	Nitrate+Nitrite as N	mg/L	0.079	0.05	0.006	=
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	TKN	mg/L	0.26	0.2	0.04	J
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	Orthophosphate as P	mg/L	0.014	0.02	0.004	=,J
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	Phosphorus, Total	mg/L	0.014	0.02	0.004	=,J
8/18/2022	Lacamas Creek	N	LC-UD	N/A	LCUD	TSS	mg/L	ND	5		ND
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	Hardness as CaCO3	mg/L	39.9	2	0.8	=
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	Nitrate+Nitrite as N	mg/L	0.077	0.05	0.006	=
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	TKN	mg/L	0.58	0.2	0.04	J
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	Orthophosphate as P	mg/L	0.016	0.02	0.004	=,J
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	Phosphorus, Total	mg/L	0.01	0.02	0.004	=,J
8/18/2022	Lacamas Creek	Y	LC-UD	N/A	FD5	TSS	mg/L	ND	5		ND
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	57.8	2	0.8	B
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.2	0.05	0.006	=
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	TKN	mg/L	0.28	0.2	0.04	=
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.222	0.02	0.004	=
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.208	0.02	0.004	=
8/18/2022	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	5.5	5		=
8/18/2022	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
8/18/2022	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	39.9	2	0.8	B
8/18/2022	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	0.249	0.05	0.006	=
8/18/2022	Currie Creek	N	CC1	N/A	CC1	TKN	mg/L	0.38	0.2	0.04	=
8/18/2022	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.041	0.02	0.004	=
8/18/2022	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.043	0.02	0.004	=
8/18/2022	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	6	5		=
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	59.8	2	0.8	B
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.068	0.05	0.006	=
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	TKN	mg/L	0.36	0.2	0.04	=
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.083	0.02	0.004	=
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.074	0.02	0.004	=
8/18/2022	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	Ammonia as N	mg/L	ND	0.05	0.02	ND
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	Hardness as CaCO3	mg/L	59.8	2	0.8	=
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	Nitrate+Nitrite as N	mg/L	1.86	0.05	0.006	=
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	Orthophosphate as P	mg/L	0.068	0.02	0.004	=
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	Phosphorus, Total	mg/L	0.023	0.02	0.004	=
8/18/2022	Lacamas Creek	N	LC-G	N/A	LCG	TSS	mg/L	5	5		=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	27.6	1.2	0.5	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	49.5	2	0.8	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.148	0.05	0.006	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.68	0.2	0.04	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.031	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.025	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	19	5		=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Chlorophyll A	mg/m3	15.8	1.3	0.5	=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Hardness as CaCO3	mg/L	51.5	2	0.8	=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Nitrate+Nitrite as N	mg/L	0.411	0.05	0.006	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	TKN	mg/L	0.6	0.2	0.04	=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Orthophosphate as P	mg/L	0.029	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	Phosphorus, Total	mg/L	0.031	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL2	Bottom	LL2-4.2	TSS	mg/L	11	5		=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	33.3	1.2	0.5	=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	47.5	2	0.8	=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.58	0.2	0.04	=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.029	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	13	5		=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Chlorophyll A	mg/m3	36.3	1.3	0.5	=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Hardness as CaCO3	mg/L	45.9	2	0.8	=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	TKN	mg/L	0.64	0.2	0.04	=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Orthophosphate as P	mg/L	0.028	0.02	0.004	=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	Phosphorus, Total	mg/L	0.025	0.02	0.004	=
9/20/2022	Lacamas Lake	Y	LL1	Top	LL1-0.5-FD6	TSS	mg/L	13	5		=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Ammonia as N	mg/L	0.062	0.05	0.02	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Chlorophyll A	mg/m3	7.6	1.3	0.5	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Hardness as CaCO3	mg/L	49.5	2	0.8	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Nitrate+Nitrite as N	mg/L	0.405	0.05	0.006	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	TKN	mg/L	0.78	0.2	0.04	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Orthophosphate as P	mg/L	0.026	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Mid	LL1-5.5	TSS	mg/L	5	5		=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	Ammonia as N	mg/L	1.34	0.05	0.02	=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	Hardness as CaCO3	mg/L	62.7	3.3	1.4	=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	TKN	mg/L	1.92	0.2	0.04	=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	Orthophosphate as P	mg/L	0.385	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	Phosphorus, Total	mg/L	0.43	0.02	0.004	=
9/20/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.8	TSS	mg/L	73	10		=
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	47.9	2	0.8	B
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.6	0.2	0.04	=
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.04	0.02	0.004	=
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.026	0.02	0.004	=
9/22/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	8.5	5		=
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	Hardness as CaCO3	mg/L	43.5	2	0.8	B
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	Nitrate+Nitrite as N	mg/L	0.286	0.05	0.006	=
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	TKN	mg/L	0.28	0.2	0.04	=
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	Orthophosphate as P	mg/L	0.127	0.02	0.004	=
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	Phosphorus, Total	mg/L	0.097	0.02	0.004	=
9/22/2022	Unnamed Creek	N	UC1	N/A	UC 1	TSS	mg/L	ND	5		ND
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	0.021	0.05	0.02	=,J
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	67.3	2	0.8	=
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	2.17	0.1	0.02	=
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.067	0.02	0.004	=
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.037	0.02	0.004	=
9/22/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	Ammonia as N	mg/L	0.02	0.05	0.02	=,J
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	Hardness as CaCO3	mg/L	69.3	2	0.8	=
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	Nitrate+Nitrite as N	mg/L	2.17	0.1	0.02	=
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	TKN	mg/L	0.32	0.2	0.04	=
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	Orthophosphate as P	mg/L	0.079	0.02	0.004	=
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	Phosphorus, Total	mg/L	0.037	0.02	0.004	=
9/22/2022	Lacamas Creek	Y	LC-G	N/A	LC-G-F07	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	28.6	1.2	0.5	=
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	45.5	2	0.8	=
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	0.72	0.2	0.04	=
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.028	0.02	0.004	=
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.018	0.02	0.004	=,J
9/21/2022	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	10	5		=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Ammonia as N	mg/L	0.055	0.05	0.02	=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Chlorophyll A	mg/m3	5.5	1.2	0.5	=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Hardness as CaCO3	mg/L	35.6	2	0.8	=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Nitrate+Nitrite as N	mg/L	0.262	0.05	0.006	=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	TKN	mg/L	0.5	0.2	0.04	=
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Orthophosphate as P	mg/L	0.015	0.02	0.004	=,J
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	Phosphorus, Total	mg/L	0.012	0.02	0.004	=,J
9/21/2022	Round Lake	N	RL1	Mid	RL1-4.5	TSS	mg/L	ND	5		ND
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	Ammonia as N	mg/L	5.07	0.25	0.1	=
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	Hardness as CaCO3	mg/L	75.2	2	0.8	=
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	Nitrate+Nitrite as N	mg/L	0.027	0.05	0.006	=,J
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	TKN	mg/L	4.54	0.2	0.04	=
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	Orthophosphate as P	mg/L	0.8	0.1	0.02	=
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	Phosphorus, Total	mg/L	0.87	0.1	0.02	=
9/21/2022	Round Lake	N	RL1	Bottom	RL1-11.5	TSS	mg/L	56	5		=
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Chlorophyll A	mg/m3	15.6	1.3	0.5	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Hardness as CaCO3	mg/L	29.2	2	0.8	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Nitrate+Nitrite as N	mg/L	0.007	0.05	0.006	=,J
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	TKN	mg/L	0.38	0.2	0.04	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Orthophosphate as P	mg/L	0.006	0.02	0.004	=,J
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	Phosphorus, Total	mg/L	0.021	0.02	0.004	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Top	FL1-0.5	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Chlorophyll A	mg/m3	4.9	1.3	0.6	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Hardness as CaCO3	mg/L	38.8	2	0.8	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Nitrate+Nitrite as N	mg/L	0.014	0.05	0.006	=,J
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	TKN	mg/L	0.24	0.2	0.04	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Orthophosphate as P	mg/L	0.01	0.02	0.004	=,J
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Mid	FL1-5.5	TSS	mg/L	5.5	5		=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Ammonia as N	mg/L	4.54	0.25	0.1	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Chlorophyll A	mg/m3	5.2	1.3	0.5	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Hardness as CaCO3	mg/L	62.5	2	0.8	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Nitrate+Nitrite as N	mg/L	0.028	0.05	0.006	=,J
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	TKN	mg/L	4.82	0.2	0.04	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Orthophosphate as P	mg/L	0.26	0.02	0.004	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	Phosphorus, Total	mg/L	0.246	0.02	0.004	=
10/26/2022	Fallen Leaf Lake	N	FLL1	Bottom	FL1-7.5	TSS	mg/L	60	20		=
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	0.022	0.05	0.02	=,J
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	15.2	1.2	0.5	J
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	32.9	2	0.8	=
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	0.42	0.2	0.04	=
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.018	0.02	0.004	=,J
10/26/2022	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	5.5	5		=
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Ammonia as N	mg/L	0.035	0.05	0.02	=,J
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Chlorophyll A	mg/m3	9.3	1.3	0.5	J
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Hardness as CaCO3	mg/L	33.8	2	0.8	=
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
10/26/2022	Round Lake	Y	RL1	Top	FD-7	TKN	mg/L	0.36	0.2	0.04	=
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Orthophosphate as P	mg/L	0.012	0.02	0.004	=,J
10/26/2022	Round Lake	Y	RL1	Top	FD-7	Phosphorus, Total	mg/L	0.02	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
10/26/2022	Round Lake	Y	RL1	Top	FD-7	TSS	mg/L	5	5		=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Ammonia as N	mg/L	0.296	0.05	0.02	=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Chlorophyll A	mg/m3	2.1	1.2	0.5	=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Hardness as CaCO3	mg/L	25.8	2	0.8	=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	TKN	mg/L	0.64	0.2	0.04	=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Orthophosphate as P	mg/L	0.018	0.02	0.004	=,J
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	Phosphorus, Total	mg/L	0.022	0.02	0.004	=
10/26/2022	Round Lake	N	RL1	Mid	RL1-8.5	TSS	mg/L	ND	5		ND
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	Ammonia as N	mg/L	3.36	0.25	0.1	=
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	Hardness as CaCO3	mg/L	56.7	2	0.8	=
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	TKN	mg/L	3.84	0.2	0.04	=
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	Orthophosphate as P	mg/L	0.43	0.1	0.02	=
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	Phosphorus, Total	mg/L	0.64	0.1	0.02	=
10/26/2022	Round Lake	N	RL1	Bottom	RL1-13	TSS	mg/L	238	20		=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	0.022	0.05	0.02	=,J
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	21.7	1.1	0.5	=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	39.6	2	0.8	=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.204	0.05	0.006	=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.5	0.2	0.04	=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.022	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.016	0.02	0.004	=,J
10/25/2022	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	9	5		=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	Ammonia as N	mg/L	1.53	0.05	0.02	=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	Hardness as CaCO3	mg/L	42.1	2	0.8	=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	Nitrate+Nitrite as N	mg/L	ND	0.05	0.006	ND
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	TKN	mg/L	1.6	0.2	0.04	=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	Orthophosphate as P	mg/L	0.296	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	Phosphorus, Total	mg/L	0.327	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL1	Bottom	LL1-15.5	TSS	mg/L	34	5		=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Ammonia as N	mg/L	0.108	0.05	0.02	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Chlorophyll A	mg/m3	12.9	1.1	0.5	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Hardness as CaCO3	mg/L	42.9	2	0.8	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Nitrate+Nitrite as N	mg/L	0.397	0.05	0.006	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	TKN	mg/L	0.42	0.2	0.04	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Orthophosphate as P	mg/L	0.025	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL1	Mid	LL1-7.5	TSS	mg/L	6	5		=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	18.3	1.2	0.5	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	42.5	2	0.8	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.207	0.05	0.006	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.34	0.2	0.04	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.027	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.034	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	6.5	5		=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Chlorophyll A	mg/m3	22.5	1.1	0.5	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Hardness as CaCO3	mg/L	43.3	2	0.8	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Nitrate+Nitrite as N	mg/L	0.206	0.05	0.006	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	TKN	mg/L	0.44	0.2	0.04	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Orthophosphate as P	mg/L	0.03	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	Phosphorus, Total	mg/L	0.032	0.02	0.004	=
10/25/2022	Lacamas Lake	N	LL2	Bottom	LL2-2.75	TSS	mg/L	8	5		=
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.364	0.05	0.02	=
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	63.1	2	0.8	B
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.044	0.05	0.006	=,J
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.52	0.2	0.04	=
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.117	0.02	0.004	=
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.118	0.02	0.004	=
10/20/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	71.2	2	0.8	=
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	2.17	0.1	0.02	=
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.04	0.02	0.004	=
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.027	0.02	0.004	=
10/20/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	Ammonia as N	mg/L	ND	0.05	0.02	ND
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	Hardness as CaCO3	mg/L	42.7	2	0.8	=
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	Nitrate+Nitrite as N	mg/L	0.43	0.05	0.006	=
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	Orthophosphate as P	mg/L	0.103	0.02	0.004	=
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	Phosphorus, Total	mg/L	0.087	0.02	0.004	=
10/20/2022	Unnamed Creek	N	UC1	N/A	UC-1	TSS	mg/L	ND	5		ND
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.157	0.05	0.02	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	36.5	2	0.8	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.758	0.05	0.006	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.3	0.2	0.04	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.033	0.02	0.004	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.044	0.02	0.004	=
11/17/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	Hardness as CaCO3	mg/L	31.9	2	0.8	=
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	Nitrate+Nitrite as N	mg/L	1.45	0.05	0.006	=
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	TKN	mg/L	0.16	0.2	0.04	=,J
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	Orthophosphate as P	mg/L	0.05	0.02	0.004	=
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	Phosphorus, Total	mg/L	0.044	0.02	0.004	B
11/17/2022	Unnamed Creek	N	UC1	N/A	UC 1	TSS	mg/L	ND	5		ND
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	Hardness as CaCO3	mg/L	18.1	2	0.8	=
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	Nitrate+Nitrite as N	mg/L	1.2	0.05	0.006	=
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	TKN	mg/L	ND	0.2	0.04	ND
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	Orthophosphate as P	mg/L	0.026	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
11/17/2022	Currie Creek	N	CC1	N/A	CC 1	TSS	mg/L	ND	5		ND
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	Hardness as CaCO3	mg/L	20.2	2	0.8	=
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	Nitrate+Nitrite as N	mg/L	0.125	0.05	0.006	=
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	TKN	mg/L	ND	0.2	0.04	ND
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	Orthophosphate as P	mg/L	0.055	0.02	0.004	=
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	Phosphorus, Total	mg/L	0.032	0.02	0.004	B
11/17/2022	Dwyer Creek	N	DC1	N/A	DC 1	TSS	mg/L	ND	5		ND
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	31.9	2	0.8	=
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	1.37	0.1	0.02	=
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	0.06	0.2	0.04	=,J
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.026	0.02	0.004	=
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.026	0.02	0.004	B
11/17/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	Hardness as CaCO3	mg/L	23	2	0.8	=
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	Nitrate+Nitrite as N	mg/L	0.241	0.05	0.006	=
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	TKN	mg/L	ND	0.2	0.04	ND
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	Orthophosphate as P	mg/L	0.028	0.02	0.004	=
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	Phosphorus, Total	mg/L	0.031	0.02	0.004	=
12/8/2022	Stormwater	N	RL-SW1	N/A	RL-SW1	TSS	mg/L	ND	5		ND
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	Hardness as CaCO3	mg/L	19.4	2	0.8	=
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	Nitrate+Nitrite as N	mg/L	0.898	0.05	0.006	=
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	TKN	mg/L	ND	0.2	0.04	ND
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	Orthophosphate as P	mg/L	0.031	0.02	0.004	=
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	Phosphorus, Total	mg/L	0.048	0.02	0.004	=
12/8/2022	Stormwater	N	FL-SW1	N/A	FL-SW1	TSS	mg/L	ND	5		ND
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.043	0.05	0.02	=,J
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	20.4	2	0.8	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	1.19	0.05	0.006	=
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.057	0.02	0.004	=
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.061	0.02	0.004	=
12/15/2022	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	Hardness as CaCO3	mg/L	18.8	2	0.8	=
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	Nitrate+Nitrite as N	mg/L	1.5	0.05	0.006	=
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	Orthophosphate as P	mg/L	0.035	0.02	0.004	=
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	Phosphorus, Total	mg/L	0.041	0.02	0.004	=
12/15/2022	Unnamed Creek	N	UC1	N/A	UC 1	TSS	mg/L	ND	5		ND
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	Hardness as CaCO3	mg/L	10	2	0.8	J
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	Nitrate+Nitrite as N	mg/L	1.6	0.05	0.006	=
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	Phosphorus, Total	mg/L	0.023	0.02	0.004	=
12/15/2022	Currie Creek	N	CC1	N/A	CC 1	TSS	mg/L	ND	5		ND
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	Hardness as CaCO3	mg/L	16	2	0.8	=
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	Nitrate+Nitrite as N	mg/L	0.336	0.05	0.006	=
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	Orthophosphate as P	mg/L	0.048	0.02	0.004	=
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	Phosphorus, Total	mg/L	0.042	0.02	0.004	B
12/15/2022	Dwyer Creek	N	DC1	N/A	DC 1	TSS	mg/L	ND	5		ND
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	18.4	2	0.8	=
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	1.37	0.05	0.006	=
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.027	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.036	0.02	0.004	B
12/15/2022	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	Ammonia as N	mg/L	ND	0.05	0.02	ND
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	Hardness as CaCO3	mg/L	6.4	2	0.8	J
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	Nitrate+Nitrite as N	mg/L	1.6	0.05	0.006	=
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	TKN	mg/L	ND	0.2	0.04	ND
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	Phosphorus, Total	mg/L	0.023	0.02	0.004	=
12/15/2022	Currie Creek	Y	CC1	N/A	CC1-FD8	TSS	mg/L	ND	5		ND
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	0.033	0.05	0.02	=,J
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	ND	1.3	0.5	ND
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	16.8	2	0.8	=
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	1.17	0.05	0.006	=
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	5.5	0.2	0.04	=
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.041	0.02	0.004	=
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.046	0.02	0.004	=
1/18/2023	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	ND	5		ND
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	Ammonia as N	mg/L	0.373	0.05	0.02	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	Hardness as CaCO3	mg/L	16.8	2	0.8	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	Nitrate+Nitrite as N	mg/L	0.999	0.05	0.006	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	TKN	mg/L	0.74	0.2	0.04	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	Orthophosphate as P	mg/L	0.05	0.02	0.004	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	Phosphorus, Total	mg/L	0.064	0.02	0.004	=
1/18/2023	Round Lake	N	RL1	Bottom	RL1-13.5	TSS	mg/L	6	5		=
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	ND	1.3	0.5	ND
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	18	2	0.8	=
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	1.09	0.1	0.02	=
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.64	0.2	0.04	=
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.044	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.049	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
1/19/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	ND	5		ND
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	Ammonia as N	mg/L	0.283	0.05	0.02	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	Hardness as CaCO3	mg/L	27.2	2	0.8	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	Nitrate+Nitrite as N	mg/L	1.01	0.1	0.02	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	TKN	mg/L	1.5	0.2	0.04	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	Orthophosphate as P	mg/L	0.105	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	Phosphorus, Total	mg/L	0.285	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.3	TSS	mg/L	106	6.7		=
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	ND	1.3	0.5	ND
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	16	2	0.8	J
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.96	0.1	0.02	=
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	0.32	0.2	0.04	=
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.064	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.066	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	ND	5		ND
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Chlorophyll A	mg/m3	ND	1.3	0.5	ND
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Hardness as CaCO3	mg/L	22.4	2	0.8	J
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Nitrate+Nitrite as N	mg/L	0.95	0.1	0.02	=
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	TKN	mg/L	0.26	0.2	0.04	=
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Orthophosphate as P	mg/L	0.062	0.02	0.004	=
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	Phosphorus, Total	mg/L	0.065	0.02	0.004	=
1/19/2023	Lacamas Lake	Y	LL2	Top	FD9	TSS	mg/L	ND	5		ND
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Chlorophyll A	mg/m3	ND	1.3	0.5	ND
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Hardness as CaCO3	mg/L	20.4	2	0.8	=
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Nitrate+Nitrite as N	mg/L	0.97	0.1	0.02	=
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	TKN	mg/L	0.6	0.2	0.04	=
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Orthophosphate as P	mg/L	0.065	0.02	0.004	=
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	Phosphorus, Total	mg/L	0.066	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
1/19/2023	Lacamas Lake	N	LL2	Bottom	LL2-5	TSS	mg/L	ND	5		ND
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.035	0.05	0.02	=,J
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	22.4	2	0.8	=
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	1.08	0.05	0.006	=
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.08	0.2	0.04	=,J
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.046	0.02	0.004	=
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.05	0.02	0.004	B
1/24/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	Hardness as CaCO3	mg/L	22.4	2	0.8	=
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	Nitrate+Nitrite as N	mg/L	1.41	0.05	0.006	=
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	TKN	mg/L	0.1	0.2	0.04	=,J
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	Orthophosphate as P	mg/L	0.037	0.02	0.004	=
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	Phosphorus, Total	mg/L	0.042	0.02	0.004	B
1/24/2023	Unnamed Creek	N	UC1	N/A	UC-1	TSS	mg/L	ND	5		ND
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	Hardness as CaCO3	mg/L	6.8	2	0.8	=
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	Nitrate+Nitrite as N	mg/L	1.57	0.05	0.006	=
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	TKN	mg/L	ND	0.2	0.04	ND
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	Orthophosphate as P	mg/L	0.016	0.02	0.004	=,J
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	Phosphorus, Total	mg/L	0.022	0.02	0.004	B
1/24/2023	Currie Creek	N	CC1	N/A	CC-1	TSS	mg/L	ND	5		ND
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	Hardness as CaCO3	mg/L	18.8	2	0.8	=
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	Nitrate+Nitrite as N	mg/L	0.33	0.05	0.006	=
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	TKN	mg/L	ND	0.2	0.04	ND
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	Orthophosphate as P	mg/L	0.031	0.02	0.004	=
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	Phosphorus, Total	mg/L	0.041	0.02	0.004	B
1/24/2023	Dwyer Creek	N	DC1	N/A	DC-1	TSS	mg/L	ND	5		ND
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	22	2	0.8	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	1.24	0.1	0.02	=
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	ND	0.2	0.04	ND
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.032	0.02	0.004	=
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.036	0.02	0.004	B
1/24/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Hardness as CaCO3	mg/L	24.8	2	0.8	=
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Nitrate+Nitrite as N	mg/L	0.372	0.05	0.006	=
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	TKN	mg/L	0.48	0.2	0.04	=
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Orthophosphate as P	mg/L	0.025	0.02	0.004	=
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Phosphorus, Total	mg/L	0.027	0.02	0.004	=
2/7/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	TSS	mg/L	ND	5		ND
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	Ammonia as N	mg/L	ND	0.05	0.02	ND
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	Hardness as CaCO3	mg/L	22.4	2	0.8	=
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	Nitrate+Nitrite as N	mg/L	0.373	0.05	0.006	=
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	TKN	mg/L	0.56	0.2	0.04	=
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	Orthophosphate as P	mg/L	0.023	0.02	0.004	=
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	Phosphorus, Total	mg/L	0.027	0.02	0.004	=
2/7/2023	Stormwater	Y	RL-SW1	N/A	RL-SW1-DUP	TSS	mg/L	ND	5		ND
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Hardness as CaCO3	mg/L	32.8	2	0.8	=
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Nitrate+Nitrite as N	mg/L	1.02	0.05	0.006	=
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	TKN	mg/L	0.7	0.2	0.04	=
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Orthophosphate as P	mg/L	0.058	0.02	0.004	=
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Phosphorus, Total	mg/L	0.051	0.02	0.004	=
2/7/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	TSS	mg/L	ND	5		ND
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.038	0.05	0.02	=,J
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	25.2	2	0.8	=
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	1.03	0.05	0.006	=
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.66	0.2	0.04	=
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.023	0.02	0.004	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.03	0.02	0.004	B
3/1/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	20.4	2	0.8	=
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	1.6	0.05	0.006	=
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	TKN	mg/L	0.76	0.2	0.04	=
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.04	0.02	0.004	=
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.046	0.02	0.004	B
3/1/2023	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
3/1/2023	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/1/2023	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	9.2	2	0.8	=
3/1/2023	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	1.39	0.05	0.006	=
3/1/2023	Currie Creek	N	CC1	N/A	CC1	TKN	mg/L	0.6	0.2	0.04	=
3/1/2023	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.012	0.02	0.004	=,J
3/1/2023	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.021	0.02	0.004	B
3/1/2023	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	Hardness as CaCO3	mg/L	9.2	2	0.8	=
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	Nitrate+Nitrite as N	mg/L	1.38	0.05	0.006	=
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	TKN	mg/L	0.68	0.2	0.04	=
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	Phosphorus, Total	mg/L	0.02	0.02	0.004	=
3/1/2023	Currie Creek	Y	CC1	N/A	CC1-DUP	TSS	mg/L	ND	5		ND
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	26.4	2	0.8	=
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	1.18	0.05	0.006	=
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	0.46	0.2	0.04	=
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.034	0.02	0.004	=
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.039	0.02	0.004	B
3/1/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	27.6	2	0.8	=
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.321	0.05	0.006	=
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	TKN	mg/L	0.5	0.2	0.04	=
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.02	0.02	0.004	=
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.035	0.02	0.004	B
3/1/2023	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	24	2	0.8	=
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.938	0.05	0.006	=
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	0.38	0.2	0.04	=
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.031	0.02	0.004	=
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.038	0.02	0.004	B
3/22/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	5.5	5		=
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	22.4	2	0.8	=
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.992	0.05	0.006	=
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	TKN	mg/L	0.4	0.2	0.04	=
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.037	0.02	0.004	=
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.037	0.02	0.004	B
3/22/2023	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
3/22/2023	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	10	2	0.8	=
3/22/2023	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	1.24	0.05	0.006	=
3/22/2023	Currie Creek	N	CC1	N/A	CC1	TKN	mg/L	0.32	0.2	0.04	=
3/22/2023	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
3/22/2023	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.017	0.02	0.004	B,J
3/22/2023	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	20.8	2	0.8	=
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.107	0.05	0.006	=
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	TKN	mg/L	0.3	0.2	0.04	J

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.025	0.02	0.004	=
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.038	0.02	0.004	B
3/22/2023	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	Hardness as CaCO3	mg/L	20.8	2	0.8	=
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	Nitrate+Nitrite as N	mg/L	0.104	0.05	0.006	=
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	TKN	mg/L	0.42	0.2	0.04	J
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	Orthophosphate as P	mg/L	0.023	0.02	0.004	=
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	Phosphorus, Total	mg/L	0.037	0.02	0.004	=
3/22/2023	Dwyer Creek	Y	DC1	N/A	DC1-DUP	TSS	mg/L	ND	5		ND
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	22	2	0.8	=
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	0.991	0.05	0.006	=
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	0.52	0.2	0.04	=
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.023	0.02	0.004	=
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.026	0.02	0.004	B
3/22/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Hardness as CaCO3	mg/L	27.6	2	0.8	=
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Nitrate+Nitrite as N	mg/L	0.396	0.05	0.006	=
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	TKN	mg/L	0.34	0.2	0.04	=
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Orthophosphate as P	mg/L	0.019	0.02	0.004	=,J
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	Phosphorus, Total	mg/L	0.024	0.02	0.004	=
3/23/2023	Stormwater	N	RL-SW1	N/A	RL-SW1	TSS	mg/L	ND	5		ND
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Ammonia as N	mg/L	ND	0.05	0.02	ND
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Hardness as CaCO3	mg/L	40.4	2	0.8	=
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Nitrate+Nitrite as N	mg/L	1.05	0.05	0.006	=
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	TKN	mg/L	0.64	0.2	0.04	=
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Orthophosphate as P	mg/L	0.064	0.02	0.004	=
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	Phosphorus, Total	mg/L	0.058	0.02	0.004	=
3/23/2023	Stormwater	N	FL-SW1	N/A	FL-SW1	TSS	mg/L	ND	5		ND

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Ammonia as N	mg/L	0.022	0.05	0.02	=,J
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Hardness as CaCO3	mg/L	22.4	2	0.8	=
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Nitrate+Nitrite as N	mg/L	0.697	0.05	0.006	=
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TKN	mg/L	ND	0.2	0.04	ND
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Orthophosphate as P	mg/L	0.015	0.02	0.004	=,J
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	Phosphorus, Total	mg/L	0.039	0.02	0.005	B
4/20/2023	Lacamas Creek	N	LC-UD	N/A	LC-UD	TSS	mg/L	ND	5		ND
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	Hardness as CaCO3	mg/L	22.4	2	0.8	=
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	Nitrate+Nitrite as N	mg/L	0.867	0.05	0.006	=
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	TKN	mg/L	0.06	0.2	0.04	=,J
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	Orthophosphate as P	mg/L	0.028	0.02	0.004	=
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	Phosphorus, Total	mg/L	0.044	0.02	0.005	=
4/20/2023	Unnamed Creek	N	UC1	N/A	UC1	TSS	mg/L	ND	5		ND
4/20/2023	Currie Creek	N	CC1	N/A	CC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
4/20/2023	Currie Creek	N	CC1	N/A	CC1	Hardness as CaCO3	mg/L	12	2	0.8	=
4/20/2023	Currie Creek	N	CC1	N/A	CC1	Nitrate+Nitrite as N	mg/L	0.938	0.05	0.006	=
4/20/2023	Currie Creek	N	CC1	N/A	CC1	TKN	mg/L	ND	0.2	0.04	ND
4/20/2023	Currie Creek	N	CC1	N/A	CC1	Orthophosphate as P	mg/L	0.008	0.02	0.004	=,J
4/20/2023	Currie Creek	N	CC1	N/A	CC1	Phosphorus, Total	mg/L	0.017	0.02	0.005	B,J
4/20/2023	Currie Creek	N	CC1	N/A	CC1	TSS	mg/L	ND	5		ND
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	Ammonia as N	mg/L	ND	0.05	0.02	ND
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	Hardness as CaCO3	mg/L	26	2	0.8	=
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	Nitrate+Nitrite as N	mg/L	0.031	0.05	0.006	=,J
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	TKN	mg/L	ND	0.2	0.04	ND
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	Orthophosphate as P	mg/L	0.016	0.02	0.004	=,J
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	Phosphorus, Total	mg/L	0.033	0.02	0.005	B
4/20/2023	Dwyer Creek	N	DC1	N/A	DC1	TSS	mg/L	ND	5		ND
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Ammonia as N	mg/L	ND	0.05	0.02	ND
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Hardness as CaCO3	mg/L	17.6	2	0.8	=
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Nitrate+Nitrite as N	mg/L	0.819	0.05	0.006	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TKN	mg/L	ND	0.2	0.04	ND
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Orthophosphate as P	mg/L	0.021	0.02	0.004	=
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	Phosphorus, Total	mg/L	0.035	0.02	0.005	B
4/20/2023	Lacamas Creek	N	LC-G	N/A	LC-G	TSS	mg/L	ND	5		ND
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Ammonia as N	mg/L	ND	0.05	0.04	ND
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Chlorophyll A	mg/m3	4	1.2	0.9	=
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Hardness as CaCO3	mg/L	22.8	2	1.6	=
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Nitrate+Nitrite as N	mg/L	0.725	0.05	0.02	=
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	TKN	mg/L	0.04	0.2	0.04	=,J
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Orthophosphate as P	mg/L	0.01	0.02	0.004	=,J
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	Phosphorus, Total	mg/L	0.036	0.02	0.01	=
4/18/2023	Lacamas Lake	N	LL1	Top	LL1-0.5	TSS	mg/L	5.5	5		=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Ammonia as N	mg/L	0.254	0.05	0.04	=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Hardness as CaCO3	mg/L	16.8	2	1.6	=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Nitrate+Nitrite as N	mg/L	0.707	0.05	0.02	=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	TKN	mg/L	0.3	0.2	0.08	=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Orthophosphate as P	mg/L	0.008	0.02	0.004	=,J
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	Phosphorus, Total	mg/L	0.088	0.02	0.01	=
4/18/2023	Lacamas Lake	N	LL1	Bottom	LL1-17.0	TSS	mg/L	24	5		=
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Ammonia as N	mg/L	ND	0.05	0.04	ND
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Chlorophyll A	mg/m3	3.6	1.2	0.9	=
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Hardness as CaCO3	mg/L	17.6	2	1.6	=
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Nitrate+Nitrite as N	mg/L	0.71	0.05	0.02	=
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	TKN	mg/L	ND	0.2	0.08	ND
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	Phosphorus, Total	mg/L	0.035	0.02	0.01	=
4/18/2023	Lacamas Lake	N	LL2	Top	LL2-0.5	TSS	mg/L	ND	5		ND
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Ammonia as N	mg/L	ND	0.05	0.04	ND
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Chlorophyll A	mg/m3	3.2	1.2	0.9	=
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Hardness as CaCO3	mg/L	20.4	2	1.6	=
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Nitrate+Nitrite as N	mg/L	0.726	0.05	0.02	=

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	TKN	mg/L	ND	0.2	0.08	ND
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Orthophosphate as P	mg/L	0.012	0.02	0.004	=,J
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	Phosphorus, Total	mg/L	0.036	0.02	0.01	=
4/18/2023	Lacamas Lake	N	LL2	Bottom	LL2-4.0	TSS	mg/L	6.5	5		=
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Ammonia as N	mg/L	ND	0.05	0.02	ND
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Chlorophyll A	mg/m3	4	1.2	0.5	=
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Hardness as CaCO3	mg/L	16.8	2	0.8	=
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Nitrate+Nitrite as N	mg/L	0.685	0.05	0.006	=
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	TKN	mg/L	ND	0.2	0.04	ND
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Orthophosphate as P	mg/L	0.013	0.02	0.004	=,J
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	Phosphorus, Total	mg/L	0.039	0.02	0.005	=
4/19/2023	Round Lake	N	RL1	Top	RL1-0.5	TSS	mg/L	ND	5		ND
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	Ammonia as N	mg/L	0.172	0.05	0.02	J
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	Hardness as CaCO3	mg/L	21.6	2	0.8	=
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	Nitrate+Nitrite as N	mg/L	0.691	0.05	0.006	=
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	TKN	mg/L	0.24	0.2	0.04	J
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	Orthophosphate as P	mg/L	0.019	0.02	0.004	J
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	Phosphorus, Total	mg/L	0.052	0.02	0.005	J
4/19/2023	Round Lake	N	RL1	Bottom	RL1-14.0	TSS	mg/L	9.5	5		J
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	Ammonia as N	mg/L	0.282	0.05	0.02	J
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	Hardness as CaCO3	mg/L	25.2	2	0.8	=
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	Nitrate+Nitrite as N	mg/L	0.639	0.05	0.006	=
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	TKN	mg/L	0.56	0.2	0.04	J
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	Orthophosphate as P	mg/L	0.032	0.02	0.004	J
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	Phosphorus, Total	mg/L	0.086	0.02	0.005	J
4/19/2023	Round Lake	Y	RL1	Bottom	RL1-14.0 Dup	TSS	mg/L	29	5		J

Lab Measurements

Date Collected	Site Name	Dup?	Location ID	Top, Mid, or Bottom	Sample Name	Parameter	Units	Result	Reporting Limit	Detection Limit	Data Flag*
*Data Flag Key = = value is as recorded, no QC deficiencies noted, lab-applied ND = not detected above the DL, lab-applied * = outside hold time, lab-applied J = estimated value, either between DL and RL or has a duplicate with RPD issues, some lab-applied some consultant-applied B = equipment blank contamination, may also have lab blank contamination, consultant-applied R = rejected as value is less than 3x the value measured in the associated blank sample, consultant-applied (values not included in table)											

Appendix B-2

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Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	0.8	
6/1/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	17.75	
6/1/2022	Lacamas Lake	LL1	0.985	I	Temperature	degrees C	15.8	
6/1/2022	Lacamas Lake	LL1	0.985	I	SC	μS/cm	63	
6/1/2022	Lacamas Lake	LL1	0.985	I	DO	mg/L	13.5	
6/1/2022	Lacamas Lake	LL1	0.985	I	ORP	mV	119.5	
6/1/2022	Lacamas Lake	LL1	0.985	I	pH	standard units	8.71	
6/1/2022	Lacamas Lake	LL1	2.009	I	Temperature	degrees C	14.7	
6/1/2022	Lacamas Lake	LL1	2.009	I	SC	μS/cm	61.5	
6/1/2022	Lacamas Lake	LL1	2.009	I	DO	mg/L	12.44	
6/1/2022	Lacamas Lake	LL1	2.009	I	ORP	mV	129.7	
6/1/2022	Lacamas Lake	LL1	2.009	I	pH	standard units	8.32	
6/1/2022	Lacamas Lake	LL1	3.052	I	Temperature	degrees C	12.9	
6/2/2022	Lacamas Lake	LL1	3.052	I	SC	μS/cm	61.2	
6/1/2022	Lacamas Lake	LL1	3.052	I	DO	mg/L	9.49	
6/1/2022	Lacamas Lake	LL1	3.052	I	ORP	mV	146	
6/1/2022	Lacamas Lake	LL1	3.052	I	pH	standard units	7.39	
6/1/2022	Lacamas Lake	LL1	3.994	I	Temperature	degrees C	12.3	
6/1/2022	Lacamas Lake	LL1	3.994	I	SC	μS/cm	58.2	
6/1/2022	Lacamas Lake	LL1	3.994	I	DO	mg/L	8.71	
6/1/2022	Lacamas Lake	LL1	3.994	I	ORP	mV	153.7	
6/1/2022	Lacamas Lake	LL1	3.994	I	pH	standard units	7.05	
6/1/2022	Lacamas Lake	LL1	5.032	I	Temperature	degrees C	11.1	
6/1/2022	Lacamas Lake	LL1	5.032	I	SC	μS/cm	52.4	
6/1/2022	Lacamas Lake	LL1	5.032	I	DO	mg/L	8.05	
6/1/2022	Lacamas Lake	LL1	5.032	I	ORP	mV	159.8	
6/1/2022	Lacamas Lake	LL1	5.032	I	pH	standard units	6.83	
6/1/2022	Lacamas Lake	LL1	6.007	I	Temperature	degrees C	10	
6/1/2022	Lacamas Lake	LL1	6.007	I	SC	μS/cm	58.8	
6/1/2022	Lacamas Lake	LL1	6.007	I	DO	mg/L	7.19	
6/1/2022	Lacamas Lake	LL1	6.007	I	ORP	mV	165.7	
6/1/2022	Lacamas Lake	LL1	6.007	I	pH	standard units	6.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL1	7.042	I	Temperature	degrees C	9.5	
6/1/2022	Lacamas Lake	LL1	7.042	I	SC	µS/cm	48.7	
6/1/2022	Lacamas Lake	LL1	7.042	I	DO	mg/L	6.57	
6/1/2022	Lacamas Lake	LL1	7.042	I	ORP	mV	168.8	
6/1/2022	Lacamas Lake	LL1	7.042	I	pH	standard units	6.52	
6/1/2022	Lacamas Lake	LL1	8.062	I	Temperature	degrees C	9.2	
6/1/2022	Lacamas Lake	LL1	8.062	I	SC	µS/cm	48.5	
6/1/2022	Lacamas Lake	LL1	8.062	I	DO	mg/L	6.26	
6/1/2022	Lacamas Lake	LL1	8.062	I	ORP	mV	170.9	
6/1/2022	Lacamas Lake	LL1	8.062	I	pH	standard units	6.46	
6/1/2022	Lacamas Lake	LL1	9.018	I	Temperature	degrees C	9	
6/1/2022	Lacamas Lake	LL1	9.018	I	SC	µS/cm	48.7	
6/1/2022	Lacamas Lake	LL1	9.018	I	DO	mg/L	6.57	
6/1/2022	Lacamas Lake	LL1	9.018	I	ORP	mV	168.8	
6/1/2022	Lacamas Lake	LL1	9.018	I	pH	standard units	6.52	
6/1/2022	Lacamas Lake	LL1	9.991	I	Temperature	degrees C	8.8	
6/1/2022	Lacamas Lake	LL1	9.991	I	SC	µS/cm	49	
6/1/2022	Lacamas Lake	LL1	9.991	I	DO	mg/L	5.45	
6/1/2022	Lacamas Lake	LL1	9.991	I	ORP	mV	174.8	
6/1/2022	Lacamas Lake	LL1	9.991	I	pH	standard units	6.37	
6/1/2022	Lacamas Lake	LL1	11.009	I	Temperature	degrees C	8.4	
6/1/2022	Lacamas Lake	LL1	11.009	I	SC	µS/cm	49	
6/1/2022	Lacamas Lake	LL1	11.009	I	DO	mg/L	5.45	
6/1/2022	Lacamas Lake	LL1	11.009	I	ORP	mV	174.8	
6/1/2022	Lacamas Lake	LL1	11.009	I	pH	standard units	6.37	
6/1/2022	Lacamas Lake	LL1	11.972	I	Temperature	degrees C	8.2	
6/1/2022	Lacamas Lake	LL1	11.972	I	SC	µS/cm	49.3	
6/1/2022	Lacamas Lake	LL1	11.972	I	DO	mg/L	4.66	
6/1/2022	Lacamas Lake	LL1	11.972	I	ORP	mV	178.4	
6/1/2022	Lacamas Lake	LL1	11.972	I	pH	standard units	6.31	
6/1/2022	Lacamas Lake	LL1	13.022	I	Temperature	degrees C	7.9	
6/1/2022	Lacamas Lake	LL1	13.022	I	SC	µS/cm	49.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL1	13.022	I	DO	mg/L	3.73	
6/1/2022	Lacamas Lake	LL1	13.022	I	ORP	mV	178.4	
6/1/2022	Lacamas Lake	LL1	13.022	I	pH	standard units	6.3	
6/1/2022	Lacamas Lake	LL1	14.001	I	Temperature	degrees C	7.7	
6/1/2022	Lacamas Lake	LL1	14.001	I	SC	µS/cm	50.7	
6/1/2022	Lacamas Lake	LL1	14.001	I	DO	mg/L	2.32	
6/1/2022	Lacamas Lake	LL1	14.001	I	ORP	mV	180.8	
6/1/2022	Lacamas Lake	LL1	14.001	I	pH	standard units	6.25	
6/1/2022	Lacamas Lake	LL1	15.010	I	Temperature	degrees C	7.7	
6/1/2022	Lacamas Lake	LL1	15.010	I	SC	µS/cm	50.9	
6/1/2022	Lacamas Lake	LL1	15.010	I	DO	mg/L	2.02	
6/1/2022	Lacamas Lake	LL1	15.010	I	ORP	mV	181.9	
6/1/2022	Lacamas Lake	LL1	15.010	I	pH	standard units	6.23	
6/1/2022	Lacamas Lake	LL1	16.077	I	Temperature	degrees C	7.7	
6/1/2022	Lacamas Lake	LL1	16.077	I	SC	µS/cm	51.5	
6/1/2022	Lacamas Lake	LL1	16.077	I	DO	mg/L	1.3	
6/1/2022	Lacamas Lake	LL1	16.077	I	ORP	mV	183	
6/1/2022	Lacamas Lake	LL1	16.077	I	pH	standard units	6.21	
6/1/2022	Lacamas Lake	LL1	16.919	I	Temperature	degrees C	7.7	
6/1/2022	Lacamas Lake	LL1	16.919	I	SC	µS/cm	52	
6/1/2022	Lacamas Lake	LL1	16.919	I	DO	mg/L	1.11	
6/1/2022	Lacamas Lake	LL1	16.919	I	ORP	mV	178.5	
6/1/2022	Lacamas Lake	LL1	16.919	I	pH	standard units	6.2	
6/1/2022	Lacamas Lake	LL1	17.490	I	Temperature	degrees C	7.6	
6/1/2022	Lacamas Lake	LL1	17.490	I	SC	µS/cm	55.9	
6/1/2022	Lacamas Lake	LL1	17.490	I	DO	mg/L	1.04	
6/1/2022	Lacamas Lake	LL1	17.490	I	ORP	mV	75	
6/1/2022	Lacamas Lake	LL1	17.490	I	pH	standard units	6.32	
6/1/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	0.9	
6/1/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	6.0	
6/1/2022	Lacamas Lake	LL2	0.961	I	Temperature	degrees C	16.6	
6/1/2022	Lacamas Lake	LL2	0.961	I	SC	µS/cm	64.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL2	0.961	I	DO	mg/L	13.34	
6/1/2022	Lacamas Lake	LL2	0.961	I	ORP	mV	83.1	
6/1/2022	Lacamas Lake	LL2	0.961	I	pH	standard units	9.14	
6/1/2022	Lacamas Lake	LL2	1.993	I	Temperature	degrees C	15.1	
6/1/2022	Lacamas Lake	LL2	1.993	I	SC	μS/cm	69.7	
6/1/2022	Lacamas Lake	LL2	1.993	I	DO	mg/L	9.89	
6/1/2022	Lacamas Lake	LL2	1.993	I	ORP	mV	102.4	
6/1/2022	Lacamas Lake	LL2	1.993	I	pH	standard units	7.98	
6/1/2022	Lacamas Lake	LL2	2.982	I	Temperature	degrees C	12.6	
6/1/2022	Lacamas Lake	LL2	2.982	I	SC	μS/cm	60.3	
6/1/2022	Lacamas Lake	LL2	2.982	I	DO	mg/L	8.9	
6/1/2022	Lacamas Lake	LL2	2.982	I	ORP	mV	112.7	
6/1/2022	Lacamas Lake	LL2	2.982	I	pH	standard units	7.45	
6/1/2022	Lacamas Lake	LL2	3.966	I	Temperature	degrees C	12.2	
6/1/2022	Lacamas Lake	LL2	3.966	I	SC	μS/cm	57.9	
6/1/2022	Lacamas Lake	LL2	3.966	I	DO	mg/L	8.61	
6/1/2022	Lacamas Lake	LL2	3.966	I	ORP	mV	117.3	
6/1/2022	Lacamas Lake	LL2	3.966	I	pH	standard units	7.27	
6/1/2022	Lacamas Lake	LL2	4.976	I	Temperature	degrees C	10.8	
6/1/2022	Lacamas Lake	LL2	4.976	I	SC	μS/cm	52.9	
6/1/2022	Lacamas Lake	LL2	4.976	I	DO	mg/L	7.39	
6/1/2022	Lacamas Lake	LL2	4.976	I	ORP	mV	121.7	
6/1/2022	Lacamas Lake	LL2	4.976	I	pH	standard units	7.09	
6/1/2022	Lacamas Lake	LL2	5.934	I	Temperature	degrees C	10	
6/1/2022	Lacamas Lake	LL2	5.934	I	SC	μS/cm	50.1	
6/1/2022	Lacamas Lake	LL2	5.934	I	DO	mg/L	6.42	
6/1/2022	Lacamas Lake	LL2	5.934	I	ORP	mV	126.4	
6/1/2022	Lacamas Lake	LL2	5.934	I	pH	standard units	6.94	
6/1/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	0.7	
6/1/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	6.0	
6/1/2022	Lacamas Lake	LL-Lim1	0.020	I	Temperature	degrees C	16.1	
6/1/2022	Lacamas Lake	LL-Lim1	0.020	I	SC	μS/cm	63.5	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL-Lim1	0.020	I	DO	mg/L	13.59	
6/1/2022	Lacamas Lake	LL-Lim1	0.020	I	ORP	mV	92.8	
6/1/2022	Lacamas Lake	LL-Lim1	0.020	I	pH	standard units	9.12	
6/1/2022	Lacamas Lake	LL-Lim1	1.997	I	Temperature	degrees C	15.2	
6/1/2022	Lacamas Lake	LL-Lim1	1.997	I	SC	μS/cm	62.9	
6/1/2022	Lacamas Lake	LL-Lim1	1.997	I	DO	mg/L	13.36	
6/1/2022	Lacamas Lake	LL-Lim1	1.997	I	ORP	mV	94.3	
6/1/2022	Lacamas Lake	LL-Lim1	1.997	I	pH	standard units	8.95	
6/1/2022	Lacamas Lake	LL-Lim1	2.988	I	Temperature	degrees C	13.5	
6/1/2022	Lacamas Lake	LL-Lim1	2.988	I	SC	μS/cm	62.4	
6/1/2022	Lacamas Lake	LL-Lim1	2.988	I	DO	mg/L	10.22	
6/1/2022	Lacamas Lake	LL-Lim1	2.988	I	ORP	mV	107.7	
6/1/2022	Lacamas Lake	LL-Lim1	2.988	I	pH	standard units	8.1	
6/1/2022	Lacamas Lake	LL-Lim1	3.971	I	Temperature	degrees C	12.7	
6/1/2022	Lacamas Lake	LL-Lim1	3.971	I	SC	μS/cm	58.3	
6/1/2022	Lacamas Lake	LL-Lim1	3.971	I	DO	mg/L	9.18	
6/1/2022	Lacamas Lake	LL-Lim1	3.971	I	ORP	mV	114.9	
6/1/2022	Lacamas Lake	LL-Lim1	3.971	I	pH	standard units	7.68	
6/1/2022	Lacamas Lake	LL-Lim1	4.999	I	Temperature	degrees C	11.2	
6/1/2022	Lacamas Lake	LL-Lim1	4.999	I	SC	μS/cm	53	
6/1/2022	Lacamas Lake	LL-Lim1	4.999	I	DO	mg/L	7.87	
6/1/2022	Lacamas Lake	LL-Lim1	4.999	I	ORP	mV	119.8	
6/1/2022	Lacamas Lake	LL-Lim1	4.999	I	pH	standard units	7.43	
6/1/2022	Lacamas Lake	LL-Lim1	5.569	I	Temperature	degrees C	10.3	
6/1/2022	Lacamas Lake	LL-Lim1	5.569	I	SC	μS/cm	50.5	
6/1/2022	Lacamas Lake	LL-Lim1	5.569	I	DO	mg/L	6.19	
6/1/2022	Lacamas Lake	LL-Lim1	5.569	I	ORP	mV	129.8	
6/1/2022	Lacamas Lake	LL-Lim1	5.569	I	pH	standard units	6.95	
6/1/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.0	
6/1/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	4.0	
6/1/2022	Lacamas Lake	LL-Lim2	1.051	I	Temperature	degrees C	16.9	
6/1/2022	Lacamas Lake	LL-Lim2	1.051	I	SC	μS/cm	64.4	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL-Lim2	1.051	I	DO	mg/L	13.84	
6/1/2022	Lacamas Lake	LL-Lim2	1.051	I	ORP	mV	148.4	
6/1/2022	Lacamas Lake	LL-Lim2	1.051	I	pH	standard units	9.18	
6/1/2022	Lacamas Lake	LL-Lim2	2.067	I	Temperature	degrees C	14.6	
6/1/2022	Lacamas Lake	LL-Lim2	2.067	I	SC	µS/cm	62	
6/1/2022	Lacamas Lake	LL-Lim2	2.067	I	DO	mg/L	11.82	
6/1/2022	Lacamas Lake	LL-Lim2	2.067	I	ORP	mV	158.4	
6/1/2022	Lacamas Lake	LL-Lim2	2.067	I	pH	standard units	8.28	
6/1/2022	Lacamas Lake	LL-Lim2	2.987	I	Temperature	degrees C	13.5	
6/1/2022	Lacamas Lake	LL-Lim2	2.987	I	SC	µS/cm	60.5	
6/1/2022	Lacamas Lake	LL-Lim2	2.987	I	DO	mg/L	9.75	
6/1/2022	Lacamas Lake	LL-Lim2	2.987	I	ORP	mV	164.9	
6/1/2022	Lacamas Lake	LL-Lim2	2.987	I	pH	standard units	7.89	
6/1/2022	Lacamas Lake	LL-Lim2	3.492	I	Temperature	degrees C	12.8	
6/1/2022	Lacamas Lake	LL-Lim2	3.492	I	SC	µS/cm	58.5	
6/1/2022	Lacamas Lake	LL-Lim2	3.492	I	DO	mg/L	8.48	
6/1/2022	Lacamas Lake	LL-Lim2	3.492	I	ORP	mV	170.2	
6/1/2022	Lacamas Lake	LL-Lim2	3.492	I	pH	standard units	7.23	
6/1/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	0.8	
6/1/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	7.0	
6/1/2022	Lacamas Lake	LL-Lim3	0.032	I	Temperature	degrees C	17.8	
6/1/2022	Lacamas Lake	LL-Lim3	0.032	I	SC	µS/cm	65.5	
6/1/2022	Lacamas Lake	LL-Lim3	0.032	I	DO	mg/L	13.37	
6/1/2022	Lacamas Lake	LL-Lim3	0.032	I	ORP	mV	196.4	
6/1/2022	Lacamas Lake	LL-Lim3	0.032	I	pH	standard units	9.17	
6/1/2022	Lacamas Lake	LL-Lim3	1.978	I	Temperature	degrees C	15.6	
6/1/2022	Lacamas Lake	LL-Lim3	1.978	I	SC	µS/cm	61.9	
6/1/2022	Lacamas Lake	LL-Lim3	1.978	I	DO	mg/L	12.96	
6/1/2022	Lacamas Lake	LL-Lim3	1.978	I	ORP	mV	191.5	
6/1/2022	Lacamas Lake	LL-Lim3	1.978	I	pH	standard units	8.91	
6/1/2022	Lacamas Lake	LL-Lim3	2.972	I	Temperature	degrees C	14.5	
6/1/2022	Lacamas Lake	LL-Lim3	2.972	I	SC	µS/cm	60.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/1/2022	Lacamas Lake	LL-Lim3	2.972	I	DO	mg/L	10.85	
6/1/2022	Lacamas Lake	LL-Lim3	2.972	I	ORP	mV	195.9	
6/1/2022	Lacamas Lake	LL-Lim3	2.972	I	pH	standard units	8.18	
6/1/2022	Lacamas Lake	LL-Lim3	3.977	I	Temperature	degrees C	13.2	
6/1/2022	Lacamas Lake	LL-Lim3	3.977	I	SC	μS/cm	54.5	
6/1/2022	Lacamas Lake	LL-Lim3	3.977	I	DO	mg/L	6.83	
6/1/2022	Lacamas Lake	LL-Lim3	3.977	I	ORP	mV	204.6	
6/1/2022	Lacamas Lake	LL-Lim3	3.977	I	pH	standard units	7.31	
6/1/2022	Lacamas Lake	LL-Lim3	4.986	I	Temperature	degrees C	12.3	
6/1/2022	Lacamas Lake	LL-Lim3	4.986	I	SC	μS/cm	54.5	
6/1/2022	Lacamas Lake	LL-Lim3	4.986	I	DO	mg/L	6.83	
6/1/2022	Lacamas Lake	LL-Lim3	4.986	I	ORP	mV	204.6	
6/1/2022	Lacamas Lake	LL-Lim3	4.986	I	pH	standard units	7.31	
6/1/2022	Lacamas Lake	LL-Lim3	5.975	I	Temperature	degrees C	11.4	
6/1/2022	Lacamas Lake	LL-Lim3	5.975	I	SC	μS/cm	58	
6/1/2022	Lacamas Lake	LL-Lim3	5.975	I	DO	mg/L	4.73	
6/1/2022	Lacamas Lake	LL-Lim3	5.975	I	ORP	mV	209.4	
6/1/2022	Lacamas Lake	LL-Lim3	5.975	I	pH	standard units	7.05	
6/2/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	18.2	
6/2/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	69.2	
6/2/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	9.69	
6/2/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	8.76	
6/2/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	13.9	
6/2/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	68.5	
6/2/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	9.95	
6/2/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	7.68	
6/2/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	13.3	
6/2/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	42.4	
6/2/2022	Currie Creek	CC1	NA	NA	DO	mg/L	9.82	
6/2/2022	Currie Creek	CC1	NA	NA	pH	standard units	6.78	
6/2/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	15.1	
6/2/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	78.4	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/2/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	9.86	
6/2/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.1	
6/2/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	17.5	
6/2/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	94.1	
6/2/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	8.43	
6/2/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	6.93	
6/3/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	1.3	
6/3/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	14.3	
6/3/2022	Round Lake	RL1	0.990	I	Temperature	degrees C	20.2	
6/3/2022	Round Lake	RL1	0.990	I	SC	μS/cm	73.2	
6/3/2022	Round Lake	RL1	0.990	I	DO	mg/L	13.24	
6/3/2022	Round Lake	RL1	0.990	I	ORP	mV	121.7	
6/3/2022	Round Lake	RL1	0.990	I	pH	standard units	9.06	
6/3/2022	Round Lake	RL1	2.002	I	Temperature	degrees C	18.3	
6/3/2022	Round Lake	RL1	2.002	I	SC	μS/cm	70.2	
6/3/2022	Round Lake	RL1	2.002	I	DO	mg/L	14.52	
6/3/2022	Round Lake	RL1	2.002	I	ORP	mV	124	
6/3/2022	Round Lake	RL1	2.002	I	pH	standard units	9.18	
6/3/2022	Round Lake	RL1	2.975	I	Temperature	degrees C	15.3	
6/3/2022	Round Lake	RL1	2.975	I	SC	μS/cm	63.5	
6/3/2022	Round Lake	RL1	2.975	I	DO	mg/L	12.08	
6/3/2022	Round Lake	RL1	2.975	I	ORP	mV	143.6	
6/3/2022	Round Lake	RL1	2.975	I	pH	standard units	8	
6/3/2022	Round Lake	RL1	4.002	I	Temperature	degrees C	13.5	
6/3/2022	Round Lake	RL1	4.002	I	SC	μS/cm	56.6	
6/3/2022	Round Lake	RL1	4.002	I	DO	mg/L	8.95	
6/3/2022	Round Lake	RL1	4.002	I	ORP	mV	155.7	
6/3/2022	Round Lake	RL1	4.002	I	pH	standard units	7.24	
6/3/2022	Round Lake	RL1	5.001	I	Temperature	degrees C	11.9	
6/3/2022	Round Lake	RL1	5.001	I	SC	μS/cm	52.9	
6/3/2022	Round Lake	RL1	5.001	I	DO	mg/L	8.05	
6/3/2022	Round Lake	RL1	5.001	I	ORP	mV	165.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/3/2022	Round Lake	RL1	5.001	I	pH	standard units	6.25	
6/3/2022	Round Lake	RL1	6.008	I	Temperature	degrees C	11.2	
6/3/2022	Round Lake	RL1	6.008	I	SC	µS/cm	51.5	
6/3/2022	Round Lake	RL1	6.008	I	DO	mg/L	8.12	
6/3/2022	Round Lake	RL1	6.008	I	ORP	mV	171.2	
6/3/2022	Round Lake	RL1	6.008	I	pH	standard units	6.62	
6/3/2022	Round Lake	RL1	6.948	I	Temperature	degrees C	11	
6/3/2022	Round Lake	RL1	6.948	I	SC	µS/cm	51.3	
6/3/2022	Round Lake	RL1	6.948	I	DO	mg/L	8.1	
6/3/2022	Round Lake	RL1	6.948	I	ORP	mV	176.3	
6/3/2022	Round Lake	RL1	6.948	I	pH	standard units	6.52	
6/3/2022	Round Lake	RL1	7.997	I	Temperature	degrees C	10.9	
6/3/2022	Round Lake	RL1	7.997	I	SC	µS/cm	51.3	
6/3/2022	Round Lake	RL1	7.997	I	DO	mg/L	7.96	
6/3/2022	Round Lake	RL1	7.997	I	ORP	mV	178.4	
6/3/2022	Round Lake	RL1	7.997	I	pH	standard units	6.49	
6/3/2022	Round Lake	RL1	9.001	I	Temperature	degrees C	10.7	
6/3/2022	Round Lake	RL1	9.001	I	SC	µS/cm	51.3	
6/3/2022	Round Lake	RL1	9.001	I	DO	mg/L	7.66	
6/3/2022	Round Lake	RL1	9.001	I	ORP	mV	180.9	
6/3/2022	Round Lake	RL1	9.001	I	pH	standard units	6.44	
6/3/2022	Round Lake	RL1	9.961	I	Temperature	degrees C	10.2	
6/3/2022	Round Lake	RL1	9.961	I	SC	µS/cm	52.1	
6/3/2022	Round Lake	RL1	9.961	I	DO	mg/L	6.15	
6/3/2022	Round Lake	RL1	9.961	I	ORP	mV	185.5	
6/3/2022	Round Lake	RL1	9.961	I	pH	standard units	6.33	
6/3/2022	Round Lake	RL1	10.966	I	Temperature	degrees C	8.9	
6/3/2022	Round Lake	RL1	10.966	I	SC	µS/cm	54.7	
6/3/2022	Round Lake	RL1	10.966	I	DO	mg/L	2.72	
6/3/2022	Round Lake	RL1	10.966	I	ORP	mV	189.9	
6/3/2022	Round Lake	RL1	10.966	I	pH	standard units	6.2	
6/3/2022	Round Lake	RL1	11.984	I	Temperature	degrees C	8.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/3/2022	Round Lake	RL1	11.984	I	SC	µS/cm	55.8	
6/3/2022	Round Lake	RL1	11.984	I	DO	mg/L	1.1	
6/3/2022	Round Lake	RL1	11.984	I	ORP	mV	191.6	
6/3/2022	Round Lake	RL1	11.984	I	pH	standard units	6.15	
6/3/2022	Round Lake	RL1	12.980	I	Temperature	degrees C	7.8	
6/3/2022	Round Lake	RL1	12.980	I	SC	µS/cm	63.9	
6/3/2022	Round Lake	RL1	12.980	I	DO	mg/L	1.05	
6/3/2022	Round Lake	RL1	12.980	I	ORP	mV	20.4	
6/3/2022	Round Lake	RL1	12.980	I	pH	standard units	6.31	
6/3/2022	Round Lake	RL1	13.473	I	Temperature	degrees C	7.5	
6/3/2022	Round Lake	RL1	13.473	I	SC	µS/cm	102.1	
6/3/2022	Round Lake	RL1	13.473	I	DO	mg/L	1.02	
6/3/2022	Round Lake	RL1	13.473	I	ORP	mV	-134.7	
6/3/2022	Round Lake	RL1	13.473	I	pH	standard units	6.66	
6/3/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	1.2	
6/3/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	3.9	
6/3/2022	Round Lake	RL-Lim1	1.000	I	Temperature	degrees C	20.2	
6/3/2022	Round Lake	RL-Lim1	1.000	I	SC	µS/cm	73.4	
6/3/2022	Round Lake	RL-Lim1	1.000	I	DO	mg/L	12.26	
6/3/2022	Round Lake	RL-Lim1	1.000	I	ORP	mV	62.5	
6/3/2022	Round Lake	RL-Lim1	1.000	I	pH	standard units	8.99	
6/3/2022	Round Lake	RL-Lim1	2.020	I	Temperature	degrees C	19.0	
6/3/2022	Round Lake	RL-Lim1	2.020	I	SC	µS/cm	71.6	
6/3/2022	Round Lake	RL-Lim1	2.020	I	DO	mg/L	12.47	
6/3/2022	Round Lake	RL-Lim1	2.020	I	ORP	mV	67.5	
6/3/2022	Round Lake	RL-Lim1	2.020	I	pH	standard units	8.84	
6/3/2022	Round Lake	RL-Lim1	3.001	I	Temperature	degrees C	15.2	
6/3/2022	Round Lake	RL-Lim1	3.001	I	SC	µS/cm	64.7	
6/3/2022	Round Lake	RL-Lim1	3.001	I	DO	mg/L	9.66	
6/3/2022	Round Lake	RL-Lim1	3.001	I	ORP	mV	86.3	
6/3/2022	Round Lake	RL-Lim1	3.001	I	pH	standard units	7.54	
6/3/2022	Round Lake	RL-Lim1	3.436	I	Temperature	degrees C	14.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/3/2022	Round Lake	RL-Lim1	3.436	I	SC	μS/cm	64.1	
6/3/2022	Round Lake	RL-Lim1	3.436	I	DO	mg/L	7.93	
6/3/2022	Round Lake	RL-Lim1	3.436	I	ORP	mV	98.6	
6/3/2022	Round Lake	RL-Lim1	3.436	I	pH	standard units	7.07	
6/21/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	1.5	
6/21/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	17.5	
6/21/2022	Lacamas Lake	LL1	0.970	I	Temperature	degrees C	15.25	
6/21/2022	Lacamas Lake	LL1	0.970	I	SC	μS/cm	108	
6/21/2022	Lacamas Lake	LL1	0.970	I	DO	mg/L	6.72	
6/21/2022	Lacamas Lake	LL1	0.970	I	ORP	mV	41.9	J
6/21/2022	Lacamas Lake	LL1	0.970	I	pH	standard units	6.74	
6/21/2022	Lacamas Lake	LL1	1.970	I	Temperature	degrees C	14.5	
6/21/2022	Lacamas Lake	LL1	1.970	I	SC	μS/cm	105	
6/21/2022	Lacamas Lake	LL1	1.970	I	DO	mg/L	7.02	
6/21/2022	Lacamas Lake	LL1	1.970	I	pH	standard units	7.16	
6/21/2022	Lacamas Lake	LL1	2.950	I	Temperature	degrees C	14.1	
6/21/2022	Lacamas Lake	LL1	2.950	I	SC	μS/cm	116	
6/21/2022	Lacamas Lake	LL1	2.950	I	DO	mg/L	6.77	
6/21/2022	Lacamas Lake	LL1	2.950	I	pH	standard units	7.22	
6/21/2022	Lacamas Lake	LL1	4.020	I	Temperature	degrees C	13.3	
6/21/2022	Lacamas Lake	LL1	4.020	I	SC	μS/cm	112	
6/21/2022	Lacamas Lake	LL1	4.020	I	DO	mg/L	3.43	
6/21/2022	Lacamas Lake	LL1	4.020	I	pH	standard units	7.23	
6/21/2022	Lacamas Lake	LL1	5.050	I	Temperature	degrees C	12.25	
6/21/2022	Lacamas Lake	LL1	5.050	I	SC	μS/cm	116	
6/21/2022	Lacamas Lake	LL1	5.050	I	DO	mg/L	1.98	
6/21/2022	Lacamas Lake	LL1	5.050	I	ORP	mV	256	J
6/21/2022	Lacamas Lake	LL1	5.050	I	pH	standard units	6.38	
6/21/2022	Lacamas Lake	LL1	5.980	I	Temperature	degrees C	11.4	
6/21/2022	Lacamas Lake	LL1	5.980	I	SC	μS/cm	124	
6/21/2022	Lacamas Lake	LL1	5.980	I	DO	mg/L	1.53	
6/21/2022	Lacamas Lake	LL1	5.980	I	ORP	mV	443	J

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL1	5.980	I	pH	standard units	6.24	
6/21/2022	Lacamas Lake	LL1	7.010	I	Temperature	degrees C	10.5	
6/21/2022	Lacamas Lake	LL1	7.010	I	SC	μS/cm	138	
6/21/2022	Lacamas Lake	LL1	7.010	I	DO	mg/L	0.82	
6/21/2022	Lacamas Lake	LL1	7.010	I	ORP	mV	191.8	J
6/21/2022	Lacamas Lake	LL1	7.010	I	pH	standard units	6.32	
6/21/2022	Lacamas Lake	LL1	8.030	I	Temperature	degrees C	9.9	
6/21/2022	Lacamas Lake	LL1	8.030	I	SC	μS/cm	135	
6/21/2022	Lacamas Lake	LL1	8.030	I	DO	mg/L	0.55	
6/21/2022	Lacamas Lake	LL1	8.030	I	ORP	mV	-141.2	J
6/21/2022	Lacamas Lake	LL1	8.030	I	pH	standard units	6.83	
6/21/2022	Lacamas Lake	LL1	9.020	I	Temperature	degrees C	9.4	
6/21/2022	Lacamas Lake	LL1	9.020	I	SC	μS/cm	129	
6/21/2022	Lacamas Lake	LL1	9.020	I	DO	mg/L	0.6	
6/21/2022	Lacamas Lake	LL1	9.020	I	ORP	mV	-154	J
6/21/2022	Lacamas Lake	LL1	9.020	I	pH	standard units	6.74	
6/21/2022	Lacamas Lake	LL1	9.990	I	Temperature	degrees C	8.9	
6/21/2022	Lacamas Lake	LL1	9.990	I	SC	μS/cm	131	
6/21/2022	Lacamas Lake	LL1	9.990	I	DO	mg/L	0.12	
6/21/2022	Lacamas Lake	LL1	9.990	I	ORP	mV	-154.8	J
6/21/2022	Lacamas Lake	LL1	9.990	I	pH	standard units	6.61	
6/21/2022	Lacamas Lake	LL1	11.030	I	Temperature	degrees C	8.6	
6/21/2022	Lacamas Lake	LL1	11.030	I	SC	μS/cm	135	
6/21/2022	Lacamas Lake	LL1	11.030	I	DO	mg/L	0	
6/21/2022	Lacamas Lake	LL1	11.030	I	ORP	mV	-215.5	J
6/21/2022	Lacamas Lake	LL1	11.030	I	pH	standard units	6.53	
6/21/2022	Lacamas Lake	LL1	12.020	I	Temperature	degrees C	8.4	
6/21/2022	Lacamas Lake	LL1	12.020	I	SC	μS/cm	133	
6/21/2022	Lacamas Lake	LL1	12.020	I	DO	mg/L	0	
6/21/2022	Lacamas Lake	LL1	12.020	I	ORP	mV	-187.4	J
6/21/2022	Lacamas Lake	LL1	12.020	I	pH	standard units	6.36	
6/21/2022	Lacamas Lake	LL1	13.030	I	Temperature	degrees C	8.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL1	13.030	I	SC	μS/cm	135	
6/21/2022	Lacamas Lake	LL1	13.030	I	DO	mg/L	0	
6/21/2022	Lacamas Lake	LL1	13.030	I	ORP	mV	-231	J
6/21/2022	Lacamas Lake	LL1	13.030	I	pH	standard units	6.2	
6/21/2022	Lacamas Lake	LL1	14.030	I	Temperature	degrees C	8.2	
6/21/2022	Lacamas Lake	LL1	14.030	I	SC	μS/cm	133	
6/21/2022	Lacamas Lake	LL1	14.030	I	ORP	mV	-293.9	J
6/21/2022	Lacamas Lake	LL1	14.030	I	pH	standard units	6.32	
6/21/2022	Lacamas Lake	LL1	15.040	I	Temperature	degrees C	8.1	
6/21/2022	Lacamas Lake	LL1	15.040	I	SC	μS/cm	143	
6/21/2022	Lacamas Lake	LL1	15.040	I	ORP	mV	-361	J
6/21/2022	Lacamas Lake	LL1	15.040	I	pH	standard units	6.24	
6/21/2022	Lacamas Lake	LL1	16.020	I	Temperature	degrees C	8.1	
6/21/2022	Lacamas Lake	LL1	16.020	I	SC	μS/cm	147	
6/21/2022	Lacamas Lake	LL1	16.020	I	ORP	mV	-391.1	J
6/21/2022	Lacamas Lake	LL1	16.020	I	pH	standard units	6.23	
6/21/2022	Lacamas Lake	LL1	17.020	I	Temperature	degrees C	8.1	
6/21/2022	Lacamas Lake	LL1	17.020	I	SC	μS/cm	150	
6/21/2022	Lacamas Lake	LL1	17.020	I	ORP	mV	-412	J
6/21/2022	Lacamas Lake	LL1	17.020	I	pH	standard units	6.25	
6/21/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	1.2	
6/21/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	5.7	
6/21/2022	Lacamas Lake	LL2	1.040	I	Temperature	degrees C	15.1	
6/21/2022	Lacamas Lake	LL2	1.040	I	SC	μS/cm	95	
6/21/2022	Lacamas Lake	LL2	1.040	I	DO	mg/L	10.4	
6/21/2022	Lacamas Lake	LL2	1.040	I	ORP	mV	132.8	
6/21/2022	Lacamas Lake	LL2	1.040	I	pH	standard units	6.37	
6/21/2022	Lacamas Lake	LL2	1.950	I	Temperature	degrees C	14.9	
6/21/2022	Lacamas Lake	LL2	1.950	I	SC	μS/cm	100	
6/21/2022	Lacamas Lake	LL2	1.950	I	DO	mg/L	10.33	
6/21/2022	Lacamas Lake	LL2	1.950	I	ORP	mV	108.9	
6/21/2022	Lacamas Lake	LL2	1.950	I	pH	standard units	6.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL2	3.030	I	Temperature	degrees C	14.5	
6/21/2022	Lacamas Lake	LL2	3.030	I	SC	µS/cm	106	
6/21/2022	Lacamas Lake	LL2	3.030	I	DO	mg/L	9.92	
6/21/2022	Lacamas Lake	LL2	3.030	I	ORP	mV	109.6	
6/21/2022	Lacamas Lake	LL2	3.030	I	pH	standard units	6.89	
6/21/2022	Lacamas Lake	LL2	3.950	I	Temperature	degrees C	13.6	
6/21/2022	Lacamas Lake	LL2	3.950	I	SC	µS/cm	108	
6/21/2022	Lacamas Lake	LL2	3.950	I	DO	mg/L	8.62	
6/21/2022	Lacamas Lake	LL2	3.950	I	ORP	mV	121.1	
6/21/2022	Lacamas Lake	LL2	3.950	I	pH	standard units	7	
6/21/2022	Lacamas Lake	LL2	4.990	I	Temperature	degrees C	11.8	
6/21/2022	Lacamas Lake	LL2	4.990	I	SC	µS/cm	96	
6/21/2022	Lacamas Lake	LL2	4.990	I	DO	mg/L	5.13	
6/21/2022	Lacamas Lake	LL2	4.990	I	ORP	mV	200.8	
6/21/2022	Lacamas Lake	LL2	4.990	I	pH	standard units	7.19	
6/21/2022	Lacamas Lake	LL2	5.530	I	Temperature	degrees C	11.3	
6/21/2022	Lacamas Lake	LL2	5.530	I	SC	µS/cm	99	
6/21/2022	Lacamas Lake	LL2	5.530	I	DO	mg/L	0.6	
6/21/2022	Lacamas Lake	LL2	5.530	I	ORP	mV	333	
6/21/2022	Lacamas Lake	LL2	5.530	I	pH	standard units	6.94	
6/21/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	1.1	
6/21/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	5.75	
6/21/2022	Lacamas Lake	LL-Lim1	0.950	I	Temperature	degrees C	17.5	
6/21/2022	Lacamas Lake	LL-Lim1	0.950	I	SC	µS/cm	107	
6/21/2022	Lacamas Lake	LL-Lim1	0.950	I	DO	mg/L	9.48	
6/21/2022	Lacamas Lake	LL-Lim1	0.950	I	ORP	mV	22.5	
6/21/2022	Lacamas Lake	LL-Lim1	0.950	I	pH	standard units	6.64	
6/21/2022	Lacamas Lake	LL-Lim1	1.930	I	Temperature	degrees C	15.08	
6/21/2022	Lacamas Lake	LL-Lim1	1.930	I	SC	µS/cm	109	
6/21/2022	Lacamas Lake	LL-Lim1	1.930	I	DO	mg/L	9.3	
6/21/2022	Lacamas Lake	LL-Lim1	1.930	I	ORP	mV	-47.2	
6/21/2022	Lacamas Lake	LL-Lim1	1.930	I	pH	standard units	6.97	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL-Lim1	2.950	I	Temperature	degrees C	14.2	
6/21/2022	Lacamas Lake	LL-Lim1	2.950	I	SC	μS/cm	104	
6/21/2022	Lacamas Lake	LL-Lim1	2.950	I	DO	mg/L	7.82	
6/21/2022	Lacamas Lake	LL-Lim1	2.950	I	ORP	mV	-69.2	
6/21/2022	Lacamas Lake	LL-Lim1	2.950	I	pH	standard units	6.65	
6/21/2022	Lacamas Lake	LL-Lim1	3.960	I	Temperature	degrees C	13.8	
6/21/2022	Lacamas Lake	LL-Lim1	3.960	I	SC	μS/cm	107	
6/21/2022	Lacamas Lake	LL-Lim1	3.960	I	DO	mg/L	7.22	
6/21/2022	Lacamas Lake	LL-Lim1	3.960	I	ORP	mV	-48	
6/21/2022	Lacamas Lake	LL-Lim1	3.960	I	pH	standard units	6.53	
6/21/2022	Lacamas Lake	LL-Lim1	4.980	I	Temperature	degrees C	13.1	
6/21/2022	Lacamas Lake	LL-Lim1	4.980	I	SC	μS/cm	103	
6/21/2022	Lacamas Lake	LL-Lim1	4.980	I	DO	mg/L	6.01	
6/21/2022	Lacamas Lake	LL-Lim1	4.980	I	ORP	mV	-106.7	
6/21/2022	Lacamas Lake	LL-Lim1	4.980	I	pH	standard units	6.82	
6/21/2022	Lacamas Lake	LL-Lim1	5.600	I	Temperature	degrees C	13	
6/21/2022	Lacamas Lake	LL-Lim1	5.600	I	SC	μS/cm	104	
6/21/2022	Lacamas Lake	LL-Lim1	5.600	I	DO	mg/L	5.2	
6/21/2022	Lacamas Lake	LL-Lim1	5.600	I	ORP	mV	-123.3	
6/21/2022	Lacamas Lake	LL-Lim1	5.600	I	pH	standard units	6.12	
6/21/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.1	
6/21/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	3.25	
6/21/2022	Lacamas Lake	LL-Lim2	0.990	I	Temperature	degrees C	18.2	
6/21/2022	Lacamas Lake	LL-Lim2	0.990	I	SC	μS/cm	104	
6/21/2022	Lacamas Lake	LL-Lim2	0.990	I	DO	mg/L	9.64	
6/21/2022	Lacamas Lake	LL-Lim2	0.990	I	ORP	mV	29.3	
6/21/2022	Lacamas Lake	LL-Lim2	0.990	I	pH	standard units	6.2	
6/21/2022	Lacamas Lake	LL-Lim2	1.940	I	Temperature	degrees C	17.68	
6/21/2022	Lacamas Lake	LL-Lim2	1.940	I	SC	μS/cm	94	
6/21/2022	Lacamas Lake	LL-Lim2	1.940	I	DO	mg/L	9.83	
6/21/2022	Lacamas Lake	LL-Lim2	1.940	I	ORP	mV	-14.8	
6/21/2022	Lacamas Lake	LL-Lim2	1.940	I	pH	standard units	6.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL-Lim2	2.920	I	Temperature	degrees C	15.2	
6/21/2022	Lacamas Lake	LL-Lim2	2.920	I	SC	µS/cm	103	
6/21/2022	Lacamas Lake	LL-Lim2	2.920	I	DO	mg/L	9.33	
6/21/2022	Lacamas Lake	LL-Lim2	2.920	I	ORP	mV	-114.2	
6/21/2022	Lacamas Lake	LL-Lim2	2.920	I	pH	standard units	6.92	
6/21/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	0.8	
6/21/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	6.75	
6/21/2022	Lacamas Lake	LL-Lim3	0.980	I	Temperature	degrees C	18.55	
6/21/2022	Lacamas Lake	LL-Lim3	0.980	I	SC	µS/cm	104	
6/21/2022	Lacamas Lake	LL-Lim3	0.980	I	DO	mg/L	10.49	
6/21/2022	Lacamas Lake	LL-Lim3	0.980	I	ORP	mV	-39.8	
6/21/2022	Lacamas Lake	LL-Lim3	0.980	I	pH	standard units	7.2	
6/21/2022	Lacamas Lake	LL-Lim3	1.970	I	Temperature	degrees C	17.23	
6/21/2022	Lacamas Lake	LL-Lim3	1.970	I	SC	µS/cm	102	
6/21/2022	Lacamas Lake	LL-Lim3	1.970	I	DO	mg/L	10.51	
6/21/2022	Lacamas Lake	LL-Lim3	1.970	I	ORP	mV	-76.8	
6/21/2022	Lacamas Lake	LL-Lim3	1.970	I	pH	standard units	7.21	
6/21/2022	Lacamas Lake	LL-Lim3	2.980	I	Temperature	degrees C	15.6	
6/21/2022	Lacamas Lake	LL-Lim3	2.980	I	SC	µS/cm	105	
6/21/2022	Lacamas Lake	LL-Lim3	2.980	I	DO	mg/L	9.68	
6/21/2022	Lacamas Lake	LL-Lim3	2.980	I	ORP	mV	-58	
6/21/2022	Lacamas Lake	LL-Lim3	2.980	I	pH	standard units	7.19	
6/21/2022	Lacamas Lake	LL-Lim3	3.980	I	Temperature	degrees C	14.75	
6/21/2022	Lacamas Lake	LL-Lim3	3.980	I	SC	µS/cm	103	
6/21/2022	Lacamas Lake	LL-Lim3	3.980	I	DO	mg/L	7.71	
6/21/2022	Lacamas Lake	LL-Lim3	3.980	I	ORP	mV	-66	
6/21/2022	Lacamas Lake	LL-Lim3	3.980	I	pH	standard units	7.07	
6/21/2022	Lacamas Lake	LL-Lim3	4.970	I	Temperature	degrees C	14	
6/21/2022	Lacamas Lake	LL-Lim3	4.970	I	SC	µS/cm	102	
6/21/2022	Lacamas Lake	LL-Lim3	4.970	I	DO	mg/L	5.75	
6/21/2022	Lacamas Lake	LL-Lim3	4.970	I	ORP	mV	-86.5	
6/21/2022	Lacamas Lake	LL-Lim3	4.970	I	pH	standard units	6.86	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/21/2022	Lacamas Lake	LL-Lim3	5.990	I	Temperature	degrees C	13.6	
6/21/2022	Lacamas Lake	LL-Lim3	5.990	I	SC	μS/cm	103	
6/21/2022	Lacamas Lake	LL-Lim3	5.990	I	DO	mg/L	4.12	
6/21/2022	Lacamas Lake	LL-Lim3	5.990	I	ORP	mV	-150.1	
6/21/2022	Lacamas Lake	LL-Lim3	5.990	I	pH	standard units	6.84	
6/21/2022	Lacamas Lake	LL-Lim3	6.550	I	Temperature	degrees C	13.4	
6/21/2022	Lacamas Lake	LL-Lim3	6.550	I	SC	μS/cm	109	
6/21/2022	Lacamas Lake	LL-Lim3	6.550	I	DO	mg/L	1.64	
6/21/2022	Lacamas Lake	LL-Lim3	6.550	I	ORP	mV	-226.2	
6/21/2022	Lacamas Lake	LL-Lim3	6.550	I	pH	standard units	7.11	
6/22/2022	Fallen Leaf Lake	FLL1	NA	NA	Secchi Depth	m	2.0	
6/22/2022	Fallen Leaf Lake	FLL1	NA	NA	Apparent Depth	m	8.25	
6/22/2022	Fallen Leaf Lake	FLL1	1.060	I	Temperature	degrees C	18.98	
6/22/2022	Fallen Leaf Lake	FLL1	1.060	I	SC	μS/cm	124	
6/22/2022	Fallen Leaf Lake	FLL1	1.060	I	DO	mg/L	10.72	
6/22/2022	Fallen Leaf Lake	FLL1	1.060	I	ORP	mV	-102.2	
6/22/2022	Fallen Leaf Lake	FLL1	1.060	I	pH	standard units	7.34	
6/22/2022	Fallen Leaf Lake	FLL1	2.050	I	Temperature	degrees C	17.28	
6/22/2022	Fallen Leaf Lake	FLL1	2.050	I	SC	μS/cm	108	
6/22/2022	Fallen Leaf Lake	FLL1	2.050	I	DO	mg/L	11.86	
6/22/2022	Fallen Leaf Lake	FLL1	2.050	I	ORP	mV	-107.6	
6/22/2022	Fallen Leaf Lake	FLL1	2.050	I	pH	standard units	7.56	
6/22/2022	Fallen Leaf Lake	FLL1	3.050	I	Temperature	degrees C	15.1	
6/22/2022	Fallen Leaf Lake	FLL1	3.050	I	SC	μS/cm	112	
6/22/2022	Fallen Leaf Lake	FLL1	3.050	I	DO	mg/L	3.71	
6/22/2022	Fallen Leaf Lake	FLL1	3.050	I	ORP	mV	-217.6	
6/22/2022	Fallen Leaf Lake	FLL1	3.050	I	pH	standard units	7.33	
6/22/2022	Fallen Leaf Lake	FLL1	4.040	I	Temperature	degrees C	11.6	
6/22/2022	Fallen Leaf Lake	FLL1	4.040	I	SC	μS/cm	129	
6/22/2022	Fallen Leaf Lake	FLL1	4.040	I	DO	mg/L	0	
6/22/2022	Fallen Leaf Lake	FLL1	4.040	I	ORP	mV	-331.6	
6/22/2022	Fallen Leaf Lake	FLL1	4.040	I	pH	standard units	6.56	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/22/2022	Fallen Leaf Lake	FLL1	5.060	I	Temperature	degrees C	9.1	
6/22/2022	Fallen Leaf Lake	FLL1	5.060	I	SC	μS/cm	143	
6/22/2022	Fallen Leaf Lake	FLL1	5.060	I	DO	mg/L	0	
6/22/2022	Fallen Leaf Lake	FLL1	5.060	I	ORP	mV	-420.9	
6/22/2022	Fallen Leaf Lake	FLL1	5.060	I	pH	standard units	6.51	
6/22/2022	Fallen Leaf Lake	FLL1	6.010	I	Temperature	degrees C	7.98	
6/22/2022	Fallen Leaf Lake	FLL1	6.010	I	SC	μS/cm	155	
6/22/2022	Fallen Leaf Lake	FLL1	6.010	I	DO	mg/L	0	
6/22/2022	Fallen Leaf Lake	FLL1	6.010	I	ORP	mV	-313.2	
6/22/2022	Fallen Leaf Lake	FLL1	6.010	I	pH	standard units	6.27	
6/22/2022	Fallen Leaf Lake	FLL1	6.990	I	Temperature	degrees C	7.3	
6/22/2022	Fallen Leaf Lake	FLL1	6.990	I	SC	μS/cm	197	
6/22/2022	Fallen Leaf Lake	FLL1	6.990	I	DO	mg/L	0	
6/22/2022	Fallen Leaf Lake	FLL1	6.990	I	ORP	mV	-395.2	
6/22/2022	Fallen Leaf Lake	FLL1	6.990	I	pH	standard units	6.23	
6/22/2022	Fallen Leaf Lake	FLL1	7.990	I	Temperature	degrees C	7	
6/22/2022	Fallen Leaf Lake	FLL1	7.990	I	SC	μS/cm	243	
6/22/2022	Fallen Leaf Lake	FLL1	7.990	I	DO	mg/L	0	
6/22/2022	Fallen Leaf Lake	FLL1	7.990	I	ORP	mV	-371.6	
6/22/2022	Fallen Leaf Lake	FLL1	7.990	I	pH	standard units	6.29	
6/22/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	0.8	
6/22/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	14.1	
6/22/2022	Round Lake	RL1	1.010	I	Temperature	degrees C	20.03	
6/22/2022	Round Lake	RL1	1.010	I	SC	μS/cm	119	
6/22/2022	Round Lake	RL1	1.010	I	DO	mg/L	12.29	
6/22/2022	Round Lake	RL1	1.010	I	ORP	mV	-143.4	
6/22/2022	Round Lake	RL1	1.010	I	pH	standard units	8.75	
6/22/2022	Round Lake	RL1	2.010	I	Temperature	degrees C	17.5	
6/22/2022	Round Lake	RL1	2.010	I	SC	μS/cm	110	
6/22/2022	Round Lake	RL1	2.010	I	DO	mg/L	12.36	
6/22/2022	Round Lake	RL1	2.010	I	ORP	mV	-169.2	
6/22/2022	Round Lake	RL1	2.010	I	pH	standard units	8.81	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/22/2022	Round Lake	RL1	3.020	I	Temperature	degrees C	16.3	
6/22/2022	Round Lake	RL1	3.020	I	SC	µS/cm	109	
6/22/2022	Round Lake	RL1	3.020	I	DO	mg/L	10.91	
6/22/2022	Round Lake	RL1	3.020	I	ORP	mV	-173.4	
6/22/2022	Round Lake	RL1	3.020	I	pH	standard units	8.42	
6/22/2022	Round Lake	RL1	3.490	I	Temperature	degrees C	15.4	
6/22/2022	Round Lake	RL1	3.490	I	SC	µS/cm	105	
6/22/2022	Round Lake	RL1	3.490	I	DO	mg/L	8.31	
6/22/2022	Round Lake	RL1	3.490	I	ORP	mV	-171.3	
6/22/2022	Round Lake	RL1	3.490	I	pH	standard units	8.02	
6/22/2022	Round Lake	RL1	5.030	I	Temperature	degrees C	14.9	
6/22/2022	Round Lake	RL1	5.030	I	SC	µS/cm	105	
6/22/2022	Round Lake	RL1	5.030	I	DO	mg/L	6.61	
6/22/2022	Round Lake	RL1	5.030	I	ORP	mV	-188.1	
6/22/2022	Round Lake	RL1	5.030	I	pH	standard units	7.78	
6/22/2022	Round Lake	RL1	5.980	I	Temperature	degrees C	14.8	
6/22/2022	Round Lake	RL1	5.980	I	SC	µS/cm	103	
6/22/2022	Round Lake	RL1	5.980	I	DO	mg/L	5.99	
6/22/2022	Round Lake	RL1	5.980	I	ORP	mV	-188.2	
6/22/2022	Round Lake	RL1	5.980	I	pH	standard units	7.44	
6/22/2022	Round Lake	RL1	6.970	I	Temperature	degrees C	14.68	
6/22/2022	Round Lake	RL1	6.970	I	SC	µS/cm	103	
6/22/2022	Round Lake	RL1	6.970	I	DO	mg/L	5.54	
6/22/2022	Round Lake	RL1	6.970	I	ORP	mV	-213.6	
6/22/2022	Round Lake	RL1	6.970	I	pH	standard units	7.54	
6/22/2022	Round Lake	RL1	7.990	I	Temperature	degrees C	14.5	
6/22/2022	Round Lake	RL1	7.990	I	SC	µS/cm	102	
6/22/2022	Round Lake	RL1	7.990	I	DO	mg/L	5.02	
6/22/2022	Round Lake	RL1	7.990	I	ORP	mV	-237.1	
6/22/2022	Round Lake	RL1	7.990	I	pH	standard units	7.45	
6/22/2022	Round Lake	RL1	9.000	I	Temperature	degrees C	14.01	
6/22/2022	Round Lake	RL1	9.000	I	SC	µS/cm	102	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/22/2022	Round Lake	RL1	9.000	I	DO	mg/L	4.42	
6/22/2022	Round Lake	RL1	9.000	I	ORP	mV	-252.3	
6/22/2022	Round Lake	RL1	9.000	I	pH	standard units	7.37	
6/22/2022	Round Lake	RL1	10.040	I	Temperature	degrees C	12	
6/22/2022	Round Lake	RL1	10.040	I	SC	μS/cm	109	
6/22/2022	Round Lake	RL1	10.040	I	DO	mg/L	2.23	
6/22/2022	Round Lake	RL1	10.040	I	ORP	mV	-276.7	
6/22/2022	Round Lake	RL1	10.040	I	pH	standard units	7.08	
6/22/2022	Round Lake	RL1	10.980	I	Temperature	degrees C	10.1	
6/22/2022	Round Lake	RL1	10.980	I	SC	μS/cm	116	
6/22/2022	Round Lake	RL1	10.980	I	DO	mg/L	0	
6/22/2022	Round Lake	RL1	10.980	I	ORP	mV	-313.1	
6/22/2022	Round Lake	RL1	10.980	I	pH	standard units	6.91	
6/22/2022	Round Lake	RL1	12.010	I	Temperature	degrees C	8.9	
6/22/2022	Round Lake	RL1	12.010	I	SC	μS/cm	127	
6/22/2022	Round Lake	RL1	12.010	I	DO	mg/L	0	
6/22/2022	Round Lake	RL1	12.010	I	ORP	mV	-419	
6/22/2022	Round Lake	RL1	12.010	I	pH	standard units	6.93	
6/22/2022	Round Lake	RL1	13.000	I	Temperature	degrees C	8.3	
6/22/2022	Round Lake	RL1	13.000	I	SC	μS/cm	171	
6/22/2022	Round Lake	RL1	13.000	I	DO	mg/L	0	
6/22/2022	Round Lake	RL1	13.000	I	ORP	mV	-504.6	
6/22/2022	Round Lake	RL1	13.000	I	pH	standard units	6.7	
6/22/2022	Round Lake	RL1	13.960	I	Temperature	degrees C	8.1	
6/22/2022	Round Lake	RL1	13.960	I	SC	μS/cm	232	
6/22/2022	Round Lake	RL1	13.960	I	DO	mg/L	0	
6/22/2022	Round Lake	RL1	13.960	I	ORP	mV	-544.1	
6/22/2022	Round Lake	RL1	13.960	I	pH	standard units	6.71	
6/22/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	0.75	
6/22/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	4.0	
6/22/2022	Round Lake	RL-Lim1	0.940	I	Temperature	degrees C	19.8	
6/22/2022	Round Lake	RL-Lim1	0.940	I	SC	μS/cm	108	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/22/2022	Round Lake	RL-Lim1	0.940	I	DO	mg/L	13.53	
6/22/2022	Round Lake	RL-Lim1	0.940	I	ORP	mV	-97.2	
6/22/2022	Round Lake	RL-Lim1	0.940	I	pH	standard units	9.1	
6/22/2022	Round Lake	RL-Lim1	1.960	I	Temperature	degrees C	17.5	
6/22/2022	Round Lake	RL-Lim1	1.960	I	SC	μS/cm	105	
6/22/2022	Round Lake	RL-Lim1	1.960	I	DO	mg/L	12.87	
6/22/2022	Round Lake	RL-Lim1	1.960	I	ORP	mV	-182	
6/22/2022	Round Lake	RL-Lim1	1.960	I	pH	standard units	8.67	
6/22/2022	Round Lake	RL-Lim1	2.950	I	Temperature	degrees C	16.4	
6/22/2022	Round Lake	RL-Lim1	2.950	I	SC	μS/cm	104	
6/22/2022	Round Lake	RL-Lim1	2.950	I	DO	mg/L	10.39	
6/22/2022	Round Lake	RL-Lim1	2.950	I	ORP	mV	-183.9	
6/22/2022	Round Lake	RL-Lim1	2.950	I	pH	standard units	8.01	
6/22/2022	Round Lake	RL-Lim1	3.470	I	Temperature	degrees C	15.6	
6/22/2022	Round Lake	RL-Lim1	3.470	I	SC	μS/cm	106	
6/22/2022	Round Lake	RL-Lim1	3.470	I	DO	mg/L	6.41	
6/22/2022	Round Lake	RL-Lim1	3.470	I	ORP	mV	206.3	
6/22/2022	Round Lake	RL-Lim1	3.470	I	pH	standard units	7.43	
6/23/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	15.8	
6/23/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	154	
6/23/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	9.9	
6/23/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.28	
6/23/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	18.8	
6/23/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	117	
6/23/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	9.36	
6/23/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	9.06	
6/23/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	13.3	
6/23/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	140	
6/23/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	9.85	
6/23/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	8.14	
6/23/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	13.13	
6/23/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	84	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
6/23/2022	Currie Creek	CC1	NA	NA	DO	mg/L	9.72	
6/23/2022	Currie Creek	CC1	NA	NA	pH	standard units	8.05	
6/23/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	16.6	
6/23/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	197	
6/23/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	8.4	
6/23/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	7.14	
7/19/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	2.3	
7/19/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	16.7	
7/19/2022	Lacamas Lake	LL1	0.990	I	Temperature	degrees C	21.7	
7/19/2022	Lacamas Lake	LL1	0.990	I	SC	μS/cm	94	
7/19/2022	Lacamas Lake	LL1	0.990	I	DO	mg/L	9.28	
7/19/2022	Lacamas Lake	LL1	0.990	I	ORP	mV	157.3	
7/19/2022	Lacamas Lake	LL1	0.990	I	pH	standard units	7.57	
7/19/2022	Lacamas Lake	LL1	1.980	I	Temperature	degrees C	21.6	
7/19/2022	Lacamas Lake	LL1	1.980	I	SC	μS/cm	94	
7/19/2022	Lacamas Lake	LL1	1.980	I	DO	mg/L	9.11	
7/19/2022	Lacamas Lake	LL1	1.980	I	ORP	mV	158.1	
7/19/2022	Lacamas Lake	LL1	1.980	I	pH	standard units	7.52	
7/19/2022	Lacamas Lake	LL1	2.960	I	Temperature	degrees C	21.3	
7/19/2022	Lacamas Lake	LL1	2.960	I	SC	μS/cm	95	
7/19/2022	Lacamas Lake	LL1	2.960	I	DO	mg/L	8.84	
7/19/2022	Lacamas Lake	LL1	2.960	I	ORP	mV	160.6	
7/19/2022	Lacamas Lake	LL1	2.960	I	pH	standard units	7.4	
7/19/2022	Lacamas Lake	LL1	3.920	I	Temperature	degrees C	17.7	
7/19/2022	Lacamas Lake	LL1	3.920	I	SC	μS/cm	95	
7/19/2022	Lacamas Lake	LL1	3.920	I	DO	mg/L	4.57	
7/19/2022	Lacamas Lake	LL1	3.920	I	ORP	mV	178.3	
7/19/2022	Lacamas Lake	LL1	3.920	I	pH	standard units	6.64	
7/19/2022	Lacamas Lake	LL1	4.930	I	Temperature	degrees C	14.9	
7/19/2022	Lacamas Lake	LL1	4.930	I	SC	μS/cm	85	
7/19/2022	Lacamas Lake	LL1	4.930	I	DO	mg/L	1.47	
7/19/2022	Lacamas Lake	LL1	4.930	I	ORP	mV	182.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL1	4.930	I	pH	standard units	6.39	
7/19/2022	Lacamas Lake	LL1	5.910	I	Temperature	degrees C	12.4	
7/19/2022	Lacamas Lake	LL1	5.910	I	SC	µS/cm	80	
7/19/2022	Lacamas Lake	LL1	5.910	I	DO	mg/L	0.99	
7/19/2022	Lacamas Lake	LL1	5.910	I	ORP	mV	154.2	
7/19/2022	Lacamas Lake	LL1	5.910	I	pH	standard units	6.32	
7/19/2022	Lacamas Lake	LL1	7.030	I	Temperature	degrees C	10.4	
7/19/2022	Lacamas Lake	LL1	7.030	I	SC	µS/cm	78	
7/19/2022	Lacamas Lake	LL1	7.030	I	DO	mg/L	1.42	
7/19/2022	Lacamas Lake	LL1	7.030	I	ORP	mV	153.6	
7/19/2022	Lacamas Lake	LL1	7.030	I	pH	standard units	6.33	
7/19/2022	Lacamas Lake	LL1	8.070	I	Temperature	degrees C	9.5	
7/19/2022	Lacamas Lake	LL1	8.070	I	SC	µS/cm	78	
7/19/2022	Lacamas Lake	LL1	8.070	I	DO	mg/L	1.41	
7/19/2022	Lacamas Lake	LL1	8.070	I	ORP	mV	155.5	
7/19/2022	Lacamas Lake	LL1	8.070	I	pH	standard units	6.3	
7/19/2022	Lacamas Lake	LL1	9.050	I	Temperature	degrees C	9	
7/19/2022	Lacamas Lake	LL1	9.050	I	SC	µS/cm	79	
7/19/2022	Lacamas Lake	LL1	9.050	I	DO	mg/L	1.23	
7/19/2022	Lacamas Lake	LL1	9.050	I	ORP	mV	156.4	
7/19/2022	Lacamas Lake	LL1	9.050	I	pH	standard units	6.29	
7/19/2022	Lacamas Lake	LL1	10.070	I	Temperature	degrees C	8.6	
7/19/2022	Lacamas Lake	LL1	10.070	I	SC	µS/cm	80	
7/19/2022	Lacamas Lake	LL1	10.070	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	10.070	I	ORP	mV	155.3	
7/19/2022	Lacamas Lake	LL1	10.070	I	pH	standard units	6.27	
7/19/2022	Lacamas Lake	LL1	11.080	I	Temperature	degrees C	8.3	
7/19/2022	Lacamas Lake	LL1	11.080	I	SC	µS/cm	81	
7/19/2022	Lacamas Lake	LL1	11.080	I	DO	mg/L	1.1	
7/19/2022	Lacamas Lake	LL1	11.080	I	ORP	mV	154.1	
7/19/2022	Lacamas Lake	LL1	11.080	I	pH	standard units	6.01	
7/19/2022	Lacamas Lake	LL1	12.100	I	Temperature	degrees C	8.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL1	12.100	I	SC	µS/cm	82	
7/19/2022	Lacamas Lake	LL1	12.100	I	DO	mg/L	1.1	
7/19/2022	Lacamas Lake	LL1	12.100	I	ORP	mV	152.6	
7/19/2022	Lacamas Lake	LL1	12.100	I	pH	standard units	6.06	
7/19/2022	Lacamas Lake	LL1	13.000	I	Temperature	degrees C	8	
7/19/2022	Lacamas Lake	LL1	13.000	I	SC	µS/cm	84	
7/19/2022	Lacamas Lake	LL1	13.000	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	13.000	I	ORP	mV	152	
7/19/2022	Lacamas Lake	LL1	13.000	I	pH	standard units	6.1	
7/19/2022	Lacamas Lake	LL1	13.980	I	Temperature	degrees C	7.9	
7/19/2022	Lacamas Lake	LL1	13.980	I	SC	µS/cm	87	
7/19/2022	Lacamas Lake	LL1	13.980	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	13.980	I	ORP	mV	151.8	
7/19/2022	Lacamas Lake	LL1	13.980	I	pH	standard units	6.11	
7/19/2022	Lacamas Lake	LL1	14.970	I	Temperature	degrees C	7.9	
7/19/2022	Lacamas Lake	LL1	14.970	I	SC	µS/cm	92	
7/19/2022	Lacamas Lake	LL1	14.970	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	14.970	I	ORP	mV	151.1	
7/19/2022	Lacamas Lake	LL1	14.970	I	pH	standard units	6.15	
7/19/2022	Lacamas Lake	LL1	16.020	I	Temperature	degrees C	7.8	
7/19/2022	Lacamas Lake	LL1	16.020	I	SC	µS/cm	92	
7/19/2022	Lacamas Lake	LL1	16.020	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	16.020	I	ORP	mV	91.2	
7/19/2022	Lacamas Lake	LL1	16.020	I	pH	standard units	6.19	
7/19/2022	Lacamas Lake	LL1	16.540	I	Temperature	degrees C	7.8	
7/19/2022	Lacamas Lake	LL1	16.540	I	SC	µS/cm	92	
7/19/2022	Lacamas Lake	LL1	16.540	I	DO	mg/L	1.09	
7/19/2022	Lacamas Lake	LL1	16.540	I	ORP	mV	91.2	
7/19/2022	Lacamas Lake	LL1	16.540	I	pH	standard units	6.19	
7/19/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	1.0	
7/19/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	5.8	
7/19/2022	Lacamas Lake	LL2	0.990	I	Temperature	degrees C	21.7	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL2	0.990	I	SC	μS/cm	95	
7/19/2022	Lacamas Lake	LL2	0.990	I	DO	mg/L	9.88	
7/19/2022	Lacamas Lake	LL2	0.990	I	ORP	mV	154.1	
7/19/2022	Lacamas Lake	LL2	0.990	I	pH	standard units	7.98	
7/19/2022	Lacamas Lake	LL2	1.990	I	Temperature	degrees C	21.5	
7/19/2022	Lacamas Lake	LL2	1.990	I	SC	μS/cm	94	
7/19/2022	Lacamas Lake	LL2	1.990	I	DO	mg/L	9.52	
7/19/2022	Lacamas Lake	LL2	1.990	I	ORP	mV	153.8	
7/19/2022	Lacamas Lake	LL2	1.990	I	pH	standard units	7.81	
7/19/2022	Lacamas Lake	LL2	2.980	I	Temperature	degrees C	21.3	
7/19/2022	Lacamas Lake	LL2	2.980	I	SC	μS/cm	95	
7/19/2022	Lacamas Lake	LL2	2.980	I	DO	mg/L	9.31	
7/19/2022	Lacamas Lake	LL2	2.980	I	ORP	mV	158.5	
7/19/2022	Lacamas Lake	LL2	2.980	I	pH	standard units	7.64	
7/19/2022	Lacamas Lake	LL2	3.960	I	Temperature	degrees C	17.8	
7/19/2022	Lacamas Lake	LL2	3.960	I	SC	μS/cm	110	
7/19/2022	Lacamas Lake	LL2	3.960	I	DO	mg/L	6.44	
7/19/2022	Lacamas Lake	LL2	3.960	I	ORP	mV	171.1	
7/19/2022	Lacamas Lake	LL2	3.960	I	pH	standard units	6.99	
7/19/2022	Lacamas Lake	LL2	5.000	M	Temperature	degrees C	15.3	
7/19/2022	Lacamas Lake	LL2	5.000	M	SC	μS/cm	108	
7/19/2022	Lacamas Lake	LL2	5.000	M	DO	mg/L	1.35	
7/19/2022	Lacamas Lake	LL2	5.000	M	ORP	mV	-6.7	
7/19/2022	Lacamas Lake	LL2	5.000	M	pH	standard units	6.74	
7/19/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	2.3	
7/19/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	6.5	
7/19/2022	Lacamas Lake	LL-Lim1	0.960	I	Temperature	degrees C	22.9	
7/19/2022	Lacamas Lake	LL-Lim1	0.960	I	SC	μS/cm	92	
7/19/2022	Lacamas Lake	LL-Lim1	0.960	I	DO	mg/L	9.58	
7/19/2022	Lacamas Lake	LL-Lim1	0.960	I	ORP	mV	152.3	
7/19/2022	Lacamas Lake	LL-Lim1	0.960	I	pH	standard units	7.97	
7/19/2022	Lacamas Lake	LL-Lim1	1.970	I	Temperature	degrees C	22.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL-Lim1	1.970	I	SC	µS/cm	92	
7/19/2022	Lacamas Lake	LL-Lim1	1.970	I	DO	mg/L	9.56	
7/19/2022	Lacamas Lake	LL-Lim1	1.970	I	ORP	mV	154.2	
7/19/2022	Lacamas Lake	LL-Lim1	1.970	I	pH	standard units	7.85	
7/19/2022	Lacamas Lake	LL-Lim1	2.950	I	Temperature	degrees C	20.8	
7/19/2022	Lacamas Lake	LL-Lim1	2.950	I	SC	µS/cm	98	
7/19/2022	Lacamas Lake	LL-Lim1	2.950	I	DO	mg/L	8.74	
7/19/2022	Lacamas Lake	LL-Lim1	2.950	I	ORP	mV	164.5	
7/19/2022	Lacamas Lake	LL-Lim1	2.950	I	pH	standard units	7.33	
7/19/2022	Lacamas Lake	LL-Lim1	3.940	I	Temperature	degrees C	19.8	
7/19/2022	Lacamas Lake	LL-Lim1	3.940	I	SC	µS/cm	97	
7/19/2022	Lacamas Lake	LL-Lim1	3.940	I	DO	mg/L	7.44	
7/19/2022	Lacamas Lake	LL-Lim1	3.940	I	ORP	mV	171	
7/19/2022	Lacamas Lake	LL-Lim1	3.940	I	pH	standard units	7.05	
7/19/2022	Lacamas Lake	LL-Lim1	4.950	I	Temperature	degrees C	15	
7/19/2022	Lacamas Lake	LL-Lim1	4.950	I	SC	µS/cm	87	
7/19/2022	Lacamas Lake	LL-Lim1	4.950	I	DO	mg/L	1.63	
7/19/2022	Lacamas Lake	LL-Lim1	4.950	I	ORP	mV	179.1	
7/19/2022	Lacamas Lake	LL-Lim1	4.950	I	pH	standard units	6.49	
7/19/2022	Lacamas Lake	LL-Lim1	6.000	M	Temperature	degrees C	13.8	
7/19/2022	Lacamas Lake	LL-Lim1	6.000	M	SC	µS/cm	93	
7/19/2022	Lacamas Lake	LL-Lim1	6.000	M	DO	mg/L	1.02	
7/19/2022	Lacamas Lake	LL-Lim1	6.000	M	ORP	mV	-19.4	
7/19/2022	Lacamas Lake	LL-Lim1	6.000	M	pH	standard units	6.64	
7/19/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.9	
7/19/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	4.4	
7/19/2022	Lacamas Lake	LL-Lim2	0.960	I	Temperature	degrees C	23.5	
7/19/2022	Lacamas Lake	LL-Lim2	0.960	I	SC	µS/cm	92	
7/19/2022	Lacamas Lake	LL-Lim2	0.960	I	DO	mg/L	9.45	
7/19/2022	Lacamas Lake	LL-Lim2	0.960	I	ORP	mV	109.4	
7/19/2022	Lacamas Lake	LL-Lim2	0.960	I	pH	standard units	8	
7/19/2022	Lacamas Lake	LL-Lim2	2.030	I	Temperature	degrees C	22.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL-Lim2	2.030	I	SC	μS/cm	91	
7/19/2022	Lacamas Lake	LL-Lim2	2.030	I	DO	mg/L	8.89	
7/19/2022	Lacamas Lake	LL-Lim2	2.030	I	ORP	mV	117.5	
7/19/2022	Lacamas Lake	LL-Lim2	2.030	I	pH	standard units	7.67	
7/19/2022	Lacamas Lake	LL-Lim2	3.060	I	Temperature	degrees C	21.7	
7/19/2022	Lacamas Lake	LL-Lim2	3.060	I	SC	μS/cm	92	
7/19/2022	Lacamas Lake	LL-Lim2	3.060	I	DO	mg/L	8.2	
7/19/2022	Lacamas Lake	LL-Lim2	3.060	I	ORP	mV	127	
7/19/2022	Lacamas Lake	LL-Lim2	3.060	I	pH	standard units	7.33	
7/19/2022	Lacamas Lake	LL-Lim2	4.000	M	Temperature	degrees C	20.8	
7/19/2022	Lacamas Lake	LL-Lim2	4.000	M	SC	μS/cm	101	
7/19/2022	Lacamas Lake	LL-Lim2	4.000	M	DO	mg/L	0.95	
7/19/2022	Lacamas Lake	LL-Lim2	4.000	M	ORP	mV	46.9	
7/19/2022	Lacamas Lake	LL-Lim2	4.000	M	pH	standard units	7.07	
7/19/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	2.1	
7/19/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	7.3	
7/19/2022	Lacamas Lake	LL-Lim3	1.040	I	Temperature	m	23.1	
7/19/2022	Lacamas Lake	LL-Lim3	1.040	I	SC	μS/cm	90	
7/19/2022	Lacamas Lake	LL-Lim3	1.040	I	DO	mg/L	9.41	
7/19/2022	Lacamas Lake	LL-Lim3	1.040	I	ORP	mV	110.9	
7/19/2022	Lacamas Lake	LL-Lim3	1.040	I	pH	standard units	8.11	
7/19/2022	Lacamas Lake	LL-Lim3	2.060	I	Temperature	degrees C	22.4	
7/19/2022	Lacamas Lake	LL-Lim3	2.060	I	SC	μS/cm	89	
7/19/2022	Lacamas Lake	LL-Lim3	2.060	I	DO	mg/L	8.98	
7/19/2022	Lacamas Lake	LL-Lim3	2.060	I	ORP	mV	121.5	
7/19/2022	Lacamas Lake	LL-Lim3	2.060	I	pH	standard units	7.64	
7/19/2022	Lacamas Lake	LL-Lim3	2.940	I	Temperature	degrees C	18.1	
7/19/2022	Lacamas Lake	LL-Lim3	2.940	I	SC	μS/cm	78	
7/19/2022	Lacamas Lake	LL-Lim3	2.940	I	DO	mg/L	6.33	
7/19/2022	Lacamas Lake	LL-Lim3	2.940	I	ORP	mV	142.4	
7/19/2022	Lacamas Lake	LL-Lim3	2.940	I	pH	standard units	6.8	
7/19/2022	Lacamas Lake	LL-Lim3	3.970	I	Temperature	degrees C	14.4	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/19/2022	Lacamas Lake	LL-Lim3	3.970	I	SC	μS/cm	76	
7/19/2022	Lacamas Lake	LL-Lim3	3.970	I	DO	mg/L	1.12	
7/19/2022	Lacamas Lake	LL-Lim3	3.970	I	ORP	mV	139	
7/19/2022	Lacamas Lake	LL-Lim3	3.970	I	pH	standard units	6.43	
7/19/2022	Lacamas Lake	LL-Lim3	4.960	I	Temperature	degrees C	13.4	
7/19/2022	Lacamas Lake	LL-Lim3	4.960	I	SC	μS/cm	101	
7/19/2022	Lacamas Lake	LL-Lim3	4.960	I	DO	mg/L	1.02	
7/19/2022	Lacamas Lake	LL-Lim3	4.960	I	ORP	mV	-90.6	
7/19/2022	Lacamas Lake	LL-Lim3	4.960	I	pH	standard units	6.6	
7/19/2022	Lacamas Lake	LL-Lim3	5.970	I	Temperature	degrees C	12.7	
7/19/2022	Lacamas Lake	LL-Lim3	5.970	I	SC	μS/cm	126	
7/19/2022	Lacamas Lake	LL-Lim3	5.970	I	DO	mg/L	1.02	
7/19/2022	Lacamas Lake	LL-Lim3	5.970	I	ORP	mV	-120.5	
7/19/2022	Lacamas Lake	LL-Lim3	5.970	I	pH	standard units	6.69	
7/19/2022	Lacamas Lake	LL-Lim3	7.000	M	Temperature	degrees C	12.6	
7/19/2022	Lacamas Lake	LL-Lim3	7.000	M	SC	μS/cm	140	
7/19/2022	Lacamas Lake	LL-Lim3	7.000	M	DO	mg/L	1	
7/19/2022	Lacamas Lake	LL-Lim3	7.000	M	ORP	mV	-131.7	
7/19/2022	Lacamas Lake	LL-Lim3	7.000	M	pH	standard units	6.74	
7/20/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	3.7	
7/20/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	14.7	
7/20/2022	Round Lake	RL1	0.990	I	Temperature	degrees C	23.5	
7/20/2022	Round Lake	RL1	0.990	I	SC	μS/cm	86	
7/20/2022	Round Lake	RL1	0.990	I	DO	mg/L	9.75	
7/20/2022	Round Lake	RL1	0.990	I	ORP	mV	208.1	
7/20/2022	Round Lake	RL1	0.990	I	pH	standard units	7.84	
7/20/2022	Round Lake	RL1	2.020	I	Temperature	degrees C	22.8	
7/20/2022	Round Lake	RL1	2.020	I	SC	μS/cm	86	
7/20/2022	Round Lake	RL1	2.020	I	DO	mg/L	9.4	
7/20/2022	Round Lake	RL1	2.020	I	ORP	mV	213.5	
7/20/2022	Round Lake	RL1	2.020	I	pH	standard units	7.51	
7/20/2022	Round Lake	RL1	3.010	I	Temperature	degrees C	19.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/20/2022	Round Lake	RL1	3.010	I	SC	µS/cm	76	
7/20/2022	Round Lake	RL1	3.010	I	DO	mg/L	7.5	
7/20/2022	Round Lake	RL1	3.010	I	ORP	mV	228.2	
7/20/2022	Round Lake	RL1	3.010	I	pH	standard units	6.72	
7/20/2022	Round Lake	RL1	4.040	I	Temperature	degrees C	16.3	
7/20/2022	Round Lake	RL1	4.040	I	SC	µS/cm	73	
7/20/2022	Round Lake	RL1	4.040	I	DO	mg/L	4.01	
7/20/2022	Round Lake	RL1	4.040	I	ORP	mV	234.7	
7/20/2022	Round Lake	RL1	4.040	I	pH	standard units	6.46	
7/20/2022	Round Lake	RL1	4.970	I	Temperature	degrees C	14.8	
7/20/2022	Round Lake	RL1	4.970	I	SC	µS/cm	70	
7/20/2022	Round Lake	RL1	4.970	I	DO	mg/L	3.44	
7/20/2022	Round Lake	RL1	4.970	I	ORP	mV	237.2	
7/20/2022	Round Lake	RL1	4.970	I	pH	standard units	6.35	
7/20/2022	Round Lake	RL1	5.980	I	Temperature	degrees C	14.4	
7/20/2022	Round Lake	RL1	5.980	I	SC	µS/cm	69	
7/20/2022	Round Lake	RL1	5.980	I	DO	mg/L	3.64	
7/20/2022	Round Lake	RL1	5.980	I	ORP	mV	238.2	
7/20/2022	Round Lake	RL1	5.980	I	pH	standard units	6.35	
7/20/2022	Round Lake	RL1	7.020	I	Temperature	degrees C	13.9	
7/20/2022	Round Lake	RL1	7.020	I	SC	µS/cm	71	
7/20/2022	Round Lake	RL1	7.020	I	DO	mg/L	1.92	
7/20/2022	Round Lake	RL1	7.020	I	ORP	mV	239.5	
7/20/2022	Round Lake	RL1	7.020	I	pH	standard units	6.28	
7/20/2022	Round Lake	RL1	8.030	I	Temperature	degrees C	13.3	
7/20/2022	Round Lake	RL1	8.030	I	SC	µS/cm	71	
7/20/2022	Round Lake	RL1	8.030	I	DO	mg/L	2.29	
7/20/2022	Round Lake	RL1	8.030	I	ORP	mV	238	
7/20/2022	Round Lake	RL1	8.030	I	pH	standard units	6.3	
7/20/2022	Round Lake	RL1	9.030	I	Temperature	degrees C	11.9	
7/20/2022	Round Lake	RL1	9.030	I	SC	µS/cm	73	
7/20/2022	Round Lake	RL1	9.030	I	DO	mg/L	1.96	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/20/2022	Round Lake	RL1	9.030	I	ORP	mV	238.2	
7/20/2022	Round Lake	RL1	9.030	I	pH	standard units	6.31	
7/20/2022	Round Lake	RL1	10.020	I	Temperature	degrees C	10.1	
7/20/2022	Round Lake	RL1	10.020	I	SC	μS/cm	78	
7/20/2022	Round Lake	RL1	10.020	I	DO	mg/L	1.21	
7/20/2022	Round Lake	RL1	10.020	I	ORP	mV	194.6	
7/20/2022	Round Lake	RL1	10.020	I	pH	standard units	6.36	
7/20/2022	Round Lake	RL1	10.980	I	Temperature	degrees C	8.9	
7/20/2022	Round Lake	RL1	10.980	I	SC	μS/cm	76	
7/20/2022	Round Lake	RL1	10.980	I	DO	mg/L	1.18	
7/20/2022	Round Lake	RL1	10.980	I	ORP	mV	175	
7/20/2022	Round Lake	RL1	10.980	I	pH	standard units	6.33	
7/20/2022	Round Lake	RL1	11.970	I	Temperature	degrees C	7.9	
7/20/2022	Round Lake	RL1	11.970	I	SC	μS/cm	121	
7/20/2022	Round Lake	RL1	11.970	I	DO	mg/L	1.2	
7/20/2022	Round Lake	RL1	11.970	I	ORP	mV	-83.8	
7/20/2022	Round Lake	RL1	11.970	I	pH	standard units	6.72	
7/20/2022	Round Lake	RL1	12.990	I	Temperature	degrees C	7.5	
7/20/2022	Round Lake	RL1	12.990	I	SC	μS/cm	192	
7/20/2022	Round Lake	RL1	12.990	I	DO	mg/L	1.23	
7/20/2022	Round Lake	RL1	12.990	I	ORP	mV	-116.4	
7/20/2022	Round Lake	RL1	12.990	I	pH	standard units	6.82	
7/20/2022	Round Lake	RL1	14.000	M	Temperature	degrees C	7.4	
7/20/2022	Round Lake	RL1	14.000	M	SC	μS/cm	238	
7/20/2022	Round Lake	RL1	14.000	M	DO	mg/L	1.23	
7/20/2022	Round Lake	RL1	14.000	M	ORP	mV	-136.6	
7/20/2022	Round Lake	RL1	14.000	M	pH	standard units	6.84	
7/20/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	2.7	
7/20/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	4.3	
7/20/2022	Round Lake	RL-Lim1	1.010	I	Temperature	degrees C	23.7	
7/20/2022	Round Lake	RL-Lim1	1.010	I	SC	μS/cm	86	
7/20/2022	Round Lake	RL-Lim1	1.010	I	DO	mg/L	9.43	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/20/2022	Round Lake	RL-Lim1	1.010	I	ORP	mV	139.5	
7/20/2022	Round Lake	RL-Lim1	1.010	I	pH	standard units	7.84	
7/20/2022	Round Lake	RL-Lim1	2.010	I	Temperature	degrees C	23	
7/20/2022	Round Lake	RL-Lim1	2.010	I	SC	μS/cm	87	
7/20/2022	Round Lake	RL-Lim1	2.010	I	DO	mg/L	9.48	
7/20/2022	Round Lake	RL-Lim1	2.010	I	ORP	mV	146.2	
7/20/2022	Round Lake	RL-Lim1	2.010	I	pH	standard units	7.6	
7/20/2022	Round Lake	RL-Lim1	2.990	I	Temperature	degrees C	20.2	
7/20/2022	Round Lake	RL-Lim1	2.990	I	SC	μS/cm	82	
7/20/2022	Round Lake	RL-Lim1	2.990	I	DO	mg/L	7.17	
7/20/2022	Round Lake	RL-Lim1	2.990	I	ORP	mV	162.5	
7/20/2022	Round Lake	RL-Lim1	2.990	I	pH	standard units	6.81	
7/20/2022	Round Lake	RL-Lim1	3.510	I	Temperature	degrees C	18.8	
7/20/2022	Round Lake	RL-Lim1	3.510	I	SC	μS/cm	84	
7/20/2022	Round Lake	RL-Lim1	3.510	I	DO	mg/L	3.24	
7/20/2022	Round Lake	RL-Lim1	3.510	I	ORP	mV	137.1	
7/20/2022	Round Lake	RL-Lim1	3.510	I	pH	standard units	6.57	
7/21/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	16.2	
7/21/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	113	
7/21/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	10.34	
7/21/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	7.65	
7/21/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	23.2	
7/21/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	87	
7/21/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	8.86	
7/21/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	7.45	
7/21/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	14.7	
7/21/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	76	
7/21/2022	Currie Creek	CC1	NA	NA	DO	mg/L	10.46	
7/21/2022	Currie Creek	CC1	NA	NA	pH	standard units	7.11	
7/21/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	19.9	
7/21/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	125	
7/21/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	10.41	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
7/21/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.48	
7/21/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	19	
7/21/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	127	
7/21/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	7.98	
7/21/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	7.11	
8/17/2022	Fallen Leaf Lake	FLL1	NA	NA	Secchi Depth	m	2.1	
8/17/2022	Fallen Leaf Lake	FLL1	NA	NA	Apparent Depth	m	8.1	
8/17/2022	Fallen Leaf Lake	FLL1	1.000	m	Temperature	degrees C	24	
8/17/2022	Fallen Leaf Lake	FLL1	1.000	m	SC	μS/cm	81	
8/17/2022	Fallen Leaf Lake	FLL1	1.000	m	DO	mg/L	8.48	
8/17/2022	Fallen Leaf Lake	FLL1	1.000	m	ORP	mV	188.5	
8/17/2022	Fallen Leaf Lake	FLL1	1.000	m	pH	standard units	7.45	
8/17/2022	Fallen Leaf Lake	FLL1	2.000	m	Temperature	degrees C	23.8	
8/17/2022	Fallen Leaf Lake	FLL1	2.000	m	SC	μS/cm	82	
8/17/2022	Fallen Leaf Lake	FLL1	2.000	m	DO	mg/L	7.41	
8/17/2022	Fallen Leaf Lake	FLL1	2.000	m	ORP	mV	200.8	
8/17/2022	Fallen Leaf Lake	FLL1	2.000	m	pH	standard units	7.3	
8/17/2022	Fallen Leaf Lake	FLL1	3.000	m	Temperature	degrees C	21.8	
8/17/2022	Fallen Leaf Lake	FLL1	3.000	m	SC	μS/cm	89	
8/17/2022	Fallen Leaf Lake	FLL1	3.000	m	DO	mg/L	0.92	
8/17/2022	Fallen Leaf Lake	FLL1	3.000	m	ORP	mV	223.8	
8/17/2022	Fallen Leaf Lake	FLL1	3.000	m	pH	standard units	6.58	
8/17/2022	Fallen Leaf Lake	FLL1	4.000	m	Temperature	degrees C	15.2	
8/17/2022	Fallen Leaf Lake	FLL1	4.000	m	SC	μS/cm	106	
8/17/2022	Fallen Leaf Lake	FLL1	4.000	m	DO	mg/L	0.33	
8/17/2022	Fallen Leaf Lake	FLL1	4.000	m	ORP	mV	28.5	
8/17/2022	Fallen Leaf Lake	FLL1	4.000	m	pH	standard units	6.56	
8/17/2022	Fallen Leaf Lake	FLL1	5.000	m	Temperature	degrees C	11.2	
8/17/2022	Fallen Leaf Lake	FLL1	5.000	m	SC	μS/cm	102	
8/17/2022	Fallen Leaf Lake	FLL1	5.000	m	DO	mg/L	0.3	
8/17/2022	Fallen Leaf Lake	FLL1	5.000	m	ORP	mV	47.8	
8/17/2022	Fallen Leaf Lake	FLL1	5.000	m	pH	standard units	6.56	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/17/2022	Fallen Leaf Lake	FLL1	6.000	m	Temperature	degrees C	8.5	
8/17/2022	Fallen Leaf Lake	FLL1	6.000	m	SC	µS/cm	133	
8/17/2022	Fallen Leaf Lake	FLL1	6.000	m	DO	mg/L	0.25	
8/17/2022	Fallen Leaf Lake	FLL1	6.000	m	ORP	mV	-32.8	
8/17/2022	Fallen Leaf Lake	FLL1	6.000	m	pH	standard units	6.34	
8/17/2022	Fallen Leaf Lake	FLL1	7.000	m	Temperature	degrees C	7.7	
8/17/2022	Fallen Leaf Lake	FLL1	7.000	m	SC	µS/cm	255	
8/17/2022	Fallen Leaf Lake	FLL1	7.000	m	DO	mg/L	0.25	
8/17/2022	Fallen Leaf Lake	FLL1	7.000	m	ORP	mV	-132.9	
8/17/2022	Fallen Leaf Lake	FLL1	7.000	m	pH	standard units	6.89	
8/17/2022	Fallen Leaf Lake	FLL1	8.000	m	Temperature	degrees C	7.5	
8/17/2022	Fallen Leaf Lake	FLL1	8.000	m	SC	µS/cm	304	
8/17/2022	Fallen Leaf Lake	FLL1	8.000	m	DO	mg/L	0.24	
8/17/2022	Fallen Leaf Lake	FLL1	8.000	m	ORP	mV	-173.1	
8/17/2022	Fallen Leaf Lake	FLL1	8.000	m	pH	standard units	7.06	
8/17/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	2.3	
8/17/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	15.0	
8/17/2022	Round Lake	RL1	1.000	m	Temperature	degrees C	25.2	
8/17/2022	Round Lake	RL1	1.000	m	SC	µS/cm	97	
8/17/2022	Round Lake	RL1	1.000	m	DO	mg/L	9.4	
8/17/2022	Round Lake	RL1	1.000	m	ORP	mV	160.5	
8/17/2022	Round Lake	RL1	1.000	m	pH	standard units	8.4	
8/17/2022	Round Lake	RL1	2.000	m	Temperature	degrees C	25.1	
8/17/2022	Round Lake	RL1	2.000	m	SC	µS/cm	98	
8/17/2022	Round Lake	RL1	2.000	m	DO	mg/L	9.22	
8/17/2022	Round Lake	RL1	2.000	m	ORP	mV	168.7	
8/17/2022	Round Lake	RL1	2.000	m	pH	standard units	8.31	
8/17/2022	Round Lake	RL1	3.000	m	Temperature	degrees C	24.6	
8/17/2022	Round Lake	RL1	3.000	m	SC	µS/cm	97	
8/17/2022	Round Lake	RL1	3.000	m	DO	mg/L	9.11	
8/17/2022	Round Lake	RL1	3.000	m	ORP	mV	180.4	
8/17/2022	Round Lake	RL1	3.000	m	pH	standard units	8.15	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/17/2022	Round Lake	RL1	4.000	m	Temperature	degrees C	21.2	
8/17/2022	Round Lake	RL1	4.000	m	SC	µS/cm	80	
8/17/2022	Round Lake	RL1	4.000	m	DO	mg/L	6.39	
8/17/2022	Round Lake	RL1	4.000	m	ORP	mV	221.7	
8/17/2022	Round Lake	RL1	4.000	m	pH	standard units	6.93	
8/17/2022	Round Lake	RL1	5.000	m	Temperature	degrees C	18.6	
8/17/2022	Round Lake	RL1	5.000	m	SC	µS/cm	75	
8/17/2022	Round Lake	RL1	5.000	m	DO	mg/L	0.55	
8/17/2022	Round Lake	RL1	5.000	m	ORP	mV	235	
8/17/2022	Round Lake	RL1	5.000	m	pH	standard units	6.48	
8/17/2022	Round Lake	RL1	6.000	m	Temperature	degrees C	16.2	
8/17/2022	Round Lake	RL1	6.000	m	SC	µS/cm	72	
8/17/2022	Round Lake	RL1	6.000	m	DO	mg/L	0.34	
8/17/2022	Round Lake	RL1	6.000	m	ORP	mV	227.4	
8/17/2022	Round Lake	RL1	6.000	m	pH	standard units	6.42	
8/17/2022	Round Lake	RL1	7.000	m	Temperature	degrees C	14.9	
8/17/2022	Round Lake	RL1	7.000	m	SC	µS/cm	71	
8/17/2022	Round Lake	RL1	7.000	m	DO	mg/L	0.3	
8/17/2022	Round Lake	RL1	7.000	m	ORP	mV	220.5	
8/17/2022	Round Lake	RL1	7.000	m	pH	standard units	6.4	
8/17/2022	Round Lake	RL1	8.000	m	Temperature	degrees C	14.3	
8/17/2022	Round Lake	RL1	8.000	m	SC	µS/cm	71	
8/17/2022	Round Lake	RL1	8.000	m	DO	mg/L	0.27	
8/17/2022	Round Lake	RL1	8.000	m	ORP	mV	210.7	
8/17/2022	Round Lake	RL1	8.000	m	pH	standard units	6.39	
8/17/2022	Round Lake	RL1	9.000	m	Temperature	degrees C	13.4	
8/17/2022	Round Lake	RL1	9.000	m	SC	µS/cm	73	
8/17/2022	Round Lake	RL1	9.000	m	DO	mg/L	0.23	
8/17/2022	Round Lake	RL1	9.000	m	ORP	mV	161.5	
8/17/2022	Round Lake	RL1	9.000	m	pH	standard units	6.32	
8/17/2022	Round Lake	RL1	10.000	m	Temperature	degrees C	12.3	
8/17/2022	Round Lake	RL1	10.000	m	SC	µS/cm	75	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/17/2022	Round Lake	RL1	10.000	m	DO	mg/L	0.23	
8/17/2022	Round Lake	RL1	10.000	m	ORP	mV	149.9	
8/17/2022	Round Lake	RL1	10.000	m	pH	standard units	6.27	
8/17/2022	Round Lake	RL1	11.000	m	Temperature	degrees C	10.9	
8/17/2022	Round Lake	RL1	11.000	m	SC	µS/cm	78	
8/17/2022	Round Lake	RL1	11.000	m	DO	mg/L	0.24	
8/17/2022	Round Lake	RL1	11.000	m	ORP	mV	55.8	
8/17/2022	Round Lake	RL1	11.000	m	pH	standard units	6.35	
8/17/2022	Round Lake	RL1	12.000	m	Temperature	degrees C	9.6	
8/17/2022	Round Lake	RL1	12.000	m	SC	µS/cm	82	
8/17/2022	Round Lake	RL1	12.000	m	DO	mg/L	0.21	
8/17/2022	Round Lake	RL1	12.000	m	ORP	mV	46.3	
8/17/2022	Round Lake	RL1	12.000	m	pH	standard units	6.39	
8/17/2022	Round Lake	RL1	13.000	m	Temperature	degrees C	8.6	
8/17/2022	Round Lake	RL1	13.000	m	SC	µS/cm	117	
8/17/2022	Round Lake	RL1	13.000	m	DO	mg/L	0.2	
8/17/2022	Round Lake	RL1	13.000	m	ORP	mV	-42.7	
8/17/2022	Round Lake	RL1	13.000	m	pH	standard units	6.48	
8/17/2022	Round Lake	RL1	14.000	m	Temperature	degrees C	8	
8/17/2022	Round Lake	RL1	14.000	m	SC	µS/cm	187	
8/17/2022	Round Lake	RL1	14.000	m	DO	mg/L	0.2	
8/17/2022	Round Lake	RL1	14.000	m	ORP	mV	-85	
8/17/2022	Round Lake	RL1	14.000	m	pH	standard units	6.88	
8/17/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	2.1	
8/17/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	4.4	
8/17/2022	Round Lake	RL-Lim1	1.000	m	Temperature	degrees C	25.3	
8/17/2022	Round Lake	RL-Lim1	1.000	m	SC	µS/cm	96	
8/17/2022	Round Lake	RL-Lim1	1.000	m	DO	mg/L	9.27	
8/17/2022	Round Lake	RL-Lim1	1.000	m	ORP	mV	146.1	
8/17/2022	Round Lake	RL-Lim1	1.000	m	pH	standard units	8.42	
8/17/2022	Round Lake	RL-Lim1	2.000	m	Temperature	degrees C	25.1	
8/17/2022	Round Lake	RL-Lim1	2.000	m	SC	µS/cm	97	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/17/2022	Round Lake	RL-Lim1	2.000	m	DO	mg/L	9.19	
8/17/2022	Round Lake	RL-Lim1	2.000	m	ORP	mV	155.6	
8/17/2022	Round Lake	RL-Lim1	2.000	m	pH	standard units	8.35	
8/17/2022	Round Lake	RL-Lim1	3.000	m	Temperature	degrees C	24.7	
8/17/2022	Round Lake	RL-Lim1	3.000	m	SC	µS/cm	100	
8/17/2022	Round Lake	RL-Lim1	3.000	m	DO	mg/L	7.76	
8/17/2022	Round Lake	RL-Lim1	3.000	m	ORP	mV	192.8	
8/17/2022	Round Lake	RL-Lim1	3.000	m	pH	standard units	7.58	
8/17/2022	Round Lake	RL-Lim1	4.000	m	Temperature	degrees C	22.4	
8/17/2022	Round Lake	RL-Lim1	4.000	m	SC	µS/cm	90	
8/17/2022	Round Lake	RL-Lim1	4.000	m	DO	mg/L	4.18	
8/17/2022	Round Lake	RL-Lim1	4.000	m	ORP	mV	213.8	
8/17/2022	Round Lake	RL-Lim1	4.000	m	pH	standard units	6.93	
8/16/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	1.7	
8/16/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	18.2	
8/16/2022	Lacamas Lake	LL1	1.000	m	Temperature	degrees C	23.5	
8/16/2022	Lacamas Lake	LL1	1.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL1	1.000	m	DO	mg/L	9.63	
8/16/2022	Lacamas Lake	LL1	1.000	m	ORP	mV	146.5	
8/16/2022	Lacamas Lake	LL1	1.000	m	pH	standard units	7.98	
8/16/2022	Lacamas Lake	LL1	2.000	m	Temperature	degrees C	23.7	
8/16/2022	Lacamas Lake	LL1	2.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL1	2.000	m	DO	mg/L	9.59	
8/16/2022	Lacamas Lake	LL1	2.000	m	ORP	mV	152.8	
8/16/2022	Lacamas Lake	LL1	2.000	m	pH	standard units	7.98	
8/16/2022	Lacamas Lake	LL1	3.000	m	Temperature	degrees C	23.7	
8/16/2022	Lacamas Lake	LL1	3.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL1	3.000	m	DO	mg/L	9.45	
8/16/2022	Lacamas Lake	LL1	3.000	m	ORP	mV	161.4	
8/16/2022	Lacamas Lake	LL1	3.000	m	pH	standard units	7.9	
8/16/2022	Lacamas Lake	LL1	4.000	m	Temperature	degrees C	22.9	
8/16/2022	Lacamas Lake	LL1	4.000	m	SC	µS/cm	108	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL1	4.000	m	DO	mg/L	6.53	
8/16/2022	Lacamas Lake	LL1	4.000	m	ORP	mV	179.5	
8/16/2022	Lacamas Lake	LL1	4.000	m	pH	standard units	7.22	
8/16/2022	Lacamas Lake	LL1	5.000	m	Temperature	degrees C	19.2	
8/16/2022	Lacamas Lake	LL1	5.000	m	SC	μS/cm	112	
8/16/2022	Lacamas Lake	LL1	5.000	m	DO	mg/L	1.38	
8/16/2022	Lacamas Lake	LL1	5.000	m	ORP	mV	189	
8/16/2022	Lacamas Lake	LL1	5.000	m	pH	standard units	6.82	
8/16/2022	Lacamas Lake	LL1	6.000	m	Temperature	degrees C	16.9	
8/16/2022	Lacamas Lake	LL1	6.000	m	SC	μS/cm	99	
8/16/2022	Lacamas Lake	LL1	6.000	m	DO	mg/L	0.38	
8/16/2022	Lacamas Lake	LL1	6.000	m	ORP	mV	183	
8/16/2022	Lacamas Lake	LL1	6.000	m	pH	standard units	6.69	
8/16/2022	Lacamas Lake	LL1	7.000	m	Temperature	degrees C	14.2	
8/16/2022	Lacamas Lake	LL1	7.000	m	SC	μS/cm	89	
8/16/2022	Lacamas Lake	LL1	7.000	m	DO	mg/L	0.29	
8/16/2022	Lacamas Lake	LL1	7.000	m	ORP	mV	155.2	
8/16/2022	Lacamas Lake	LL1	7.000	m	pH	standard units	6.58	
8/16/2022	Lacamas Lake	LL1	8.000	m	Temperature	degrees C	12.5	
8/16/2022	Lacamas Lake	LL1	8.000	m	SC	μS/cm	85	
8/16/2022	Lacamas Lake	LL1	8.000	m	DO	mg/L	0.25	
8/16/2022	Lacamas Lake	LL1	8.000	m	ORP	mV	145.2	
8/16/2022	Lacamas Lake	LL1	8.000	m	pH	standard units	6.52	
8/16/2022	Lacamas Lake	LL1	9.000	m	Temperature	degrees C	10.7	
8/16/2022	Lacamas Lake	LL1	9.000	m	SC	μS/cm	82	
8/16/2022	Lacamas Lake	LL1	9.000	m	DO	mg/L	0.25	
8/16/2022	Lacamas Lake	LL1	9.000	m	ORP	mV	145.6	
8/16/2022	Lacamas Lake	LL1	9.000	m	pH	standard units	6.5	
8/16/2022	Lacamas Lake	LL1	10.000	m	Temperature	degrees C	9.8	
8/16/2022	Lacamas Lake	LL1	10.000	m	SC	μS/cm	81	
8/16/2022	Lacamas Lake	LL1	10.000	m	DO	mg/L	0.23	
8/16/2022	Lacamas Lake	LL1	10.000	m	ORP	mV	139.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL1	10.000	m	pH	standard units	6.47	
8/16/2022	Lacamas Lake	LL1	11.000	m	Temperature	degrees C	9.2	
8/16/2022	Lacamas Lake	LL1	11.000	m	SC	μS/cm	82	
8/16/2022	Lacamas Lake	LL1	11.000	m	DO	mg/L	0.23	
8/16/2022	Lacamas Lake	LL1	11.000	m	ORP	mV	133.2	
8/16/2022	Lacamas Lake	LL1	11.000	m	pH	standard units	6.48	
8/16/2022	Lacamas Lake	LL1	12.000	m	Temperature	degrees C	8.9	
8/16/2022	Lacamas Lake	LL1	12.000	m	SC	μS/cm	84	
8/16/2022	Lacamas Lake	LL1	12.000	m	DO	mg/L	0.22	
8/16/2022	Lacamas Lake	LL1	12.000	m	ORP	mV	130.5	
8/16/2022	Lacamas Lake	LL1	12.000	m	pH	standard units	6.5	
8/16/2022	Lacamas Lake	LL1	13.000	m	Temperature	degrees C	8.7	
8/16/2022	Lacamas Lake	LL1	13.000	m	SC	μS/cm	86	
8/16/2022	Lacamas Lake	LL1	13.000	m	DO	mg/L	0.21	
8/16/2022	Lacamas Lake	LL1	13.000	m	ORP	mV	134.2	
8/16/2022	Lacamas Lake	LL1	13.000	m	pH	standard units	6.52	
8/16/2022	Lacamas Lake	LL1	14.000	m	Temperature	degrees C	8.5	
8/16/2022	Lacamas Lake	LL1	14.000	m	SC	μS/cm	90	
8/16/2022	Lacamas Lake	LL1	14.000	m	DO	mg/L	0.2	
8/16/2022	Lacamas Lake	LL1	14.000	m	ORP	mV	137.2	
8/16/2022	Lacamas Lake	LL1	14.000	m	pH	standard units	6.54	
8/16/2022	Lacamas Lake	LL1	15.000	m	Temperature	degrees C	8.3	
8/16/2022	Lacamas Lake	LL1	15.000	m	SC	μS/cm	103	
8/16/2022	Lacamas Lake	LL1	15.000	m	DO	mg/L	0.2	
8/16/2022	Lacamas Lake	LL1	15.000	m	ORP	mV	-37.5	
8/16/2022	Lacamas Lake	LL1	15.000	m	pH	standard units	6.64	
8/16/2022	Lacamas Lake	LL1	16.000	m	Temperature	degrees C	8.3	
8/16/2022	Lacamas Lake	LL1	16.000	m	SC	μS/cm	112	
8/16/2022	Lacamas Lake	LL1	16.000	m	DO	mg/L	0.19	
8/16/2022	Lacamas Lake	LL1	16.000	m	ORP	mV	-69.9	
8/16/2022	Lacamas Lake	LL1	16.000	m	pH	standard units	6.76	
8/16/2022	Lacamas Lake	LL1	17.000	m	Temperature	degrees C	8.3	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL1	17.000	m	SC	µS/cm	120	
8/16/2022	Lacamas Lake	LL1	17.000	m	DO	mg/L	0.19	
8/16/2022	Lacamas Lake	LL1	17.000	m	ORP	mV	-84.5	
8/16/2022	Lacamas Lake	LL1	17.000	m	pH	standard units	6.32	
8/16/2022	Lacamas Lake	LL1	18.000	m	Temperature	degrees C	8.3	
8/16/2022	Lacamas Lake	LL1	18.000	m	SC	µS/cm	121	
8/16/2022	Lacamas Lake	LL1	18.000	m	DO	mg/L	0.19	
8/16/2022	Lacamas Lake	LL1	18.000	m	ORP	mV	-91.6	
8/16/2022	Lacamas Lake	LL1	18.000	m	pH	standard units	7.09	
8/16/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	1.5	
8/16/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	5.3	
8/16/2022	Lacamas Lake	LL2	1.000	m	Temperature	degrees C	23.6	
8/16/2022	Lacamas Lake	LL2	1.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL2	1.000	m	DO	mg/L	9.67	
8/16/2022	Lacamas Lake	LL2	1.000	m	ORP	mV	162.9	
8/16/2022	Lacamas Lake	LL2	1.000	m	pH	standard units	7.87	
8/16/2022	Lacamas Lake	LL2	2.000	m	Temperature	degrees C	23.5	
8/16/2022	Lacamas Lake	LL2	2.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL2	2.000	m	DO	mg/L	9.33	
8/16/2022	Lacamas Lake	LL2	2.000	m	ORP	mV	186.2	
8/16/2022	Lacamas Lake	LL2	2.000	m	pH	standard units	7.79	
8/16/2022	Lacamas Lake	LL2	3.000	m	Temperature	degrees C	23.5	
8/16/2022	Lacamas Lake	LL2	3.000	m	SC	µS/cm	104	
8/16/2022	Lacamas Lake	LL2	3.000	m	DO	mg/L	9.18	
8/16/2022	Lacamas Lake	LL2	3.000	m	ORP	mV	194.7	
8/16/2022	Lacamas Lake	LL2	3.000	m	pH	standard units	7.72	
8/16/2022	Lacamas Lake	LL2	4.000	m	Temperature	degrees C	22.9	
8/16/2022	Lacamas Lake	LL2	4.000	m	SC	µS/cm	109	
8/16/2022	Lacamas Lake	LL2	4.000	m	DO	mg/L	9.05	
8/16/2022	Lacamas Lake	LL2	4.000	m	ORP	mV	200.3	
8/16/2022	Lacamas Lake	LL2	4.000	m	pH	standard units	7.6	
8/16/2022	Lacamas Lake	LL2	5.000	m	Temperature	degrees C	21.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL2	5.000	m	SC	μS/cm	126	
8/16/2022	Lacamas Lake	LL2	5.000	m	DO	mg/L	8.4	
8/16/2022	Lacamas Lake	LL2	5.000	m	ORP	mV	206.6	
8/16/2022	Lacamas Lake	LL2	5.000	m	pH	standard units	7.31	
8/16/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	1.7	
8/16/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	6.6	
8/16/2022	Lacamas Lake	LL-Lim1	1.000	m	Temperature	degrees C	25	
8/16/2022	Lacamas Lake	LL-Lim1	1.000	m	SC	μS/cm	104	
8/16/2022	Lacamas Lake	LL-Lim1	1.000	m	DO	mg/L	9.71	
8/16/2022	Lacamas Lake	LL-Lim1	1.000	m	ORP	mV	172.9	
8/16/2022	Lacamas Lake	LL-Lim1	1.000	m	pH	standard units	8.07	
8/16/2022	Lacamas Lake	LL-Lim1	2.000	m	Temperature	degrees C	24.2	
8/16/2022	Lacamas Lake	LL-Lim1	2.000	m	SC	μS/cm	104	
8/16/2022	Lacamas Lake	LL-Lim1	2.000	m	DO	mg/L	9.64	
8/16/2022	Lacamas Lake	LL-Lim1	2.000	m	ORP	mV	185.8	
8/16/2022	Lacamas Lake	LL-Lim1	2.000	m	pH	standard units	7.97	
8/16/2022	Lacamas Lake	LL-Lim1	3.000	m	Temperature	degrees C	23.8	
8/16/2022	Lacamas Lake	LL-Lim1	3.000	m	SC	μS/cm	104	
8/16/2022	Lacamas Lake	LL-Lim1	3.000	m	DO	mg/L	9.7	
8/16/2022	Lacamas Lake	LL-Lim1	3.000	m	ORP	mV	192.3	
8/16/2022	Lacamas Lake	LL-Lim1	3.000	m	pH	standard units	7.95	
8/16/2022	Lacamas Lake	LL-Lim1	4.000	m	Temperature	degrees C	22.4	
8/16/2022	Lacamas Lake	LL-Lim1	4.000	m	SC	μS/cm	110	
8/16/2022	Lacamas Lake	LL-Lim1	4.000	m	DO	mg/L	5.75	
8/16/2022	Lacamas Lake	LL-Lim1	4.000	m	ORP	mV	217.3	
8/16/2022	Lacamas Lake	LL-Lim1	4.000	m	pH	standard units	7.09	
8/16/2022	Lacamas Lake	LL-Lim1	5.000	m	Temperature	degrees C	20.6	
8/16/2022	Lacamas Lake	LL-Lim1	5.000	m	SC	μS/cm	111	
8/16/2022	Lacamas Lake	LL-Lim1	5.000	m	DO	mg/L	0.7	
8/16/2022	Lacamas Lake	LL-Lim1	5.000	m	ORP	mV	224.2	
8/16/2022	Lacamas Lake	LL-Lim1	5.000	m	pH	standard units	6.81	
8/16/2022	Lacamas Lake	LL-Lim1	6.000	m	Temperature	degrees C	16.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL-Lim1	6.000	m	SC	μS/cm	99	
8/16/2022	Lacamas Lake	LL-Lim1	6.000	m	DO	mg/L	0.38	
8/16/2022	Lacamas Lake	LL-Lim1	6.000	m	ORP	mV	89.5	
8/16/2022	Lacamas Lake	LL-Lim1	6.000	m	pH	standard units	6.71	
8/16/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.4	
8/16/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	5.5	
8/16/2022	Lacamas Lake	LL-Lim2	1.000	m	Temperature	degrees C	25	
8/16/2022	Lacamas Lake	LL-Lim2	1.000	m	SC	μS/cm	103	
8/16/2022	Lacamas Lake	LL-Lim2	1.000	m	DO	mg/L	7.14	
8/16/2022	Lacamas Lake	LL-Lim2	1.000	m	ORP	mV	183.8	
8/16/2022	Lacamas Lake	LL-Lim2	1.000	m	pH	standard units	7.88	
8/16/2022	Lacamas Lake	LL-Lim2	2.000	m	Temperature	degrees C	24.8	
8/16/2022	Lacamas Lake	LL-Lim2	2.000	m	SC	μS/cm	103	
8/16/2022	Lacamas Lake	LL-Lim2	2.000	m	DO	mg/L	8.86	
8/16/2022	Lacamas Lake	LL-Lim2	2.000	m	ORP	mV	194.9	
8/16/2022	Lacamas Lake	LL-Lim2	2.000	m	pH	standard units	7.76	
8/16/2022	Lacamas Lake	LL-Lim2	3.000	m	Temperature	degrees C	24.3	
8/16/2022	Lacamas Lake	LL-Lim2	3.000	m	SC	μS/cm	104	
8/16/2022	Lacamas Lake	LL-Lim2	3.000	m	DO	mg/L	8.47	
8/16/2022	Lacamas Lake	LL-Lim2	3.000	m	ORP	mV	205.1	
8/16/2022	Lacamas Lake	LL-Lim2	3.000	m	pH	standard units	7.58	
8/16/2022	Lacamas Lake	LL-Lim2	4.000	m	Temperature	degrees C	22.9	
8/16/2022	Lacamas Lake	LL-Lim2	4.000	m	SC	μS/cm	103	
8/16/2022	Lacamas Lake	LL-Lim2	4.000	m	DO	mg/L	5.48	
8/16/2022	Lacamas Lake	LL-Lim2	4.000	m	ORP	mV	218.9	
8/16/2022	Lacamas Lake	LL-Lim2	4.000	m	pH	standard units	7.1	
8/16/2022	Lacamas Lake	LL-Lim2	5.000	m	Temperature	degrees C	21.6	
8/16/2022	Lacamas Lake	LL-Lim2	5.000	m	SC	μS/cm	110	
8/16/2022	Lacamas Lake	LL-Lim2	5.000	m	DO	mg/L	1.11	
8/16/2022	Lacamas Lake	LL-Lim2	5.000	m	ORP	mV	188.4	
8/16/2022	Lacamas Lake	LL-Lim2	5.000	m	pH	standard units	6.83	
8/16/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	1.5	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	7.4	
8/16/2022	Lacamas Lake	LL-Lim3	1.000	m	Temperature	degrees C	25.4	
8/16/2022	Lacamas Lake	LL-Lim3	1.000	m	SC	μS/cm	102	
8/16/2022	Lacamas Lake	LL-Lim3	1.000	m	DO	mg/L	9.82	
8/16/2022	Lacamas Lake	LL-Lim3	1.000	m	ORP	mV	183.8	
8/16/2022	Lacamas Lake	LL-Lim3	1.000	m	pH	standard units	8.22	
8/16/2022	Lacamas Lake	LL-Lim3	2.000	m	Temperature	degrees C	25	
8/16/2022	Lacamas Lake	LL-Lim3	2.000	m	SC	μS/cm	102	
8/16/2022	Lacamas Lake	LL-Lim3	2.000	m	DO	mg/L	9.47	
8/16/2022	Lacamas Lake	LL-Lim3	2.000	m	ORP	mV	195.5	
8/16/2022	Lacamas Lake	LL-Lim3	2.000	m	pH	standard units	8.06	
8/16/2022	Lacamas Lake	LL-Lim3	3.000	m	Temperature	degrees C	24.3	
8/16/2022	Lacamas Lake	LL-Lim3	3.000	m	SC	μS/cm	101	
8/16/2022	Lacamas Lake	LL-Lim3	3.000	m	DO	mg/L	8.73	
8/16/2022	Lacamas Lake	LL-Lim3	3.000	m	ORP	mV	207.8	
8/16/2022	Lacamas Lake	LL-Lim3	3.000	m	pH	standard units	7.74	
8/16/2022	Lacamas Lake	LL-Lim3	4.000	m	Temperature	degrees C	20.8	
8/16/2022	Lacamas Lake	LL-Lim3	4.000	m	SC	μS/cm	84	
8/16/2022	Lacamas Lake	LL-Lim3	4.000	m	DO	mg/L	0.84	
8/16/2022	Lacamas Lake	LL-Lim3	4.000	m	ORP	mV	234.2	
8/16/2022	Lacamas Lake	LL-Lim3	4.000	m	pH	standard units	6.71	
8/16/2022	Lacamas Lake	LL-Lim3	5.000	m	Temperature	degrees C	16.7	
8/16/2022	Lacamas Lake	LL-Lim3	5.000	m	SC	μS/cm	89	
8/16/2022	Lacamas Lake	LL-Lim3	5.000	m	DO	mg/L	0.33	
8/16/2022	Lacamas Lake	LL-Lim3	5.000	m	ORP	mV	67.2	
8/16/2022	Lacamas Lake	LL-Lim3	5.000	m	pH	standard units	6.61	
8/16/2022	Lacamas Lake	LL-Lim3	6.000	m	Temperature	degrees C	14.4	
8/16/2022	Lacamas Lake	LL-Lim3	6.000	m	SC	μS/cm	114	
8/16/2022	Lacamas Lake	LL-Lim3	6.000	m	DO	mg/L	0.29	
8/16/2022	Lacamas Lake	LL-Lim3	6.000	m	ORP	mV	-35.8	
8/16/2022	Lacamas Lake	LL-Lim3	6.000	m	pH	standard units	6.69	
8/16/2022	Lacamas Lake	LL-Lim3	7.000	m	Temperature	degrees C	13.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
8/16/2022	Lacamas Lake	LL-Lim3	7.000	m	SC	μS/cm	141	
8/16/2022	Lacamas Lake	LL-Lim3	7.000	m	DO	mg/L	0.27	
8/16/2022	Lacamas Lake	LL-Lim3	7.000	m	ORP	mV	-88.2	
8/16/2022	Lacamas Lake	LL-Lim3	7.000	m	pH	standard units	6.76	
8/18/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	19.8	
8/18/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	148	
8/18/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	8.34	
8/18/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.25	
8/18/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	20.9	
8/18/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	137	
8/18/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	6.08	
8/18/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	7.06	
8/18/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	20.2	
8/18/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	99	
8/18/2022	Currie Creek	CC1	NA	NA	DO	mg/L	5.62	
8/18/2022	Currie Creek	CC1	NA	NA	pH	standard units	6.81	
8/18/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	18.4	
8/18/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	128	
8/18/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	9.13	
8/18/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	7.68	
8/18/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	25.1	
8/18/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	99	
8/18/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	8.23	
8/18/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	7.76	
9/20/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	0.6	
9/20/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	4.7	
9/20/2022	Lacamas Lake	LL2	1.000	m	Temperature	degrees C	18.8	
9/20/2022	Lacamas Lake	LL2	1.000	m	SC	μS/cm	115.6	
9/20/2022	Lacamas Lake	LL2	1.000	m	DO	mg/L	9.06	
9/20/2022	Lacamas Lake	LL2	1.000	m	ORP	mV	185.9	
9/20/2022	Lacamas Lake	LL2	1.000	m	pH	standard units	7.31	
9/20/2022	Lacamas Lake	LL2	2.000	m	Temperature	degrees C	18.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/20/2022	Lacamas Lake	LL2	2.000	m	SC	µS/cm	111.4	
9/20/2022	Lacamas Lake	LL2	2.000	m	DO	mg/L	8.18	
9/20/2022	Lacamas Lake	LL2	2.000	m	ORP	mV	200.2	
9/20/2022	Lacamas Lake	LL2	2.000	m	pH	standard units	7.12	
9/20/2022	Lacamas Lake	LL2	3.000	m	Temperature	degrees C	18.5	
9/20/2022	Lacamas Lake	LL2	3.000	m	SC	µS/cm	113.5	
9/20/2022	Lacamas Lake	LL2	3.000	m	DO	mg/L	7.67	
9/20/2022	Lacamas Lake	LL2	3.000	m	ORP	mV	205.4	
9/20/2022	Lacamas Lake	LL2	3.000	m	pH	standard units	7.72	
9/20/2022	Lacamas Lake	LL2	4.000	m	Temperature	degrees C	17.6	
9/20/2022	Lacamas Lake	LL2	4.000	m	SC	µS/cm	135.3	
9/20/2022	Lacamas Lake	LL2	4.000	m	DO	mg/L	9.46	
9/20/2022	Lacamas Lake	LL2	4.000	m	ORP	mV	114.1	
9/20/2022	Lacamas Lake	LL2	4.000	m	pH	standard units	7.3	
9/20/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	0.7	
9/20/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	16.3	
9/20/2022	Lacamas Lake	LL1	1.000	m	Temperature	degrees C	19.2	
9/20/2022	Lacamas Lake	LL1	1.000	m	SC	µS/cm	110.6	
9/20/2022	Lacamas Lake	LL1	1.000	m	DO	mg/L	11.02	
9/20/2022	Lacamas Lake	LL1	1.000	m	ORP	mV	194.2	
9/20/2022	Lacamas Lake	LL1	1.000	m	pH	standard units	8.26	
9/20/2022	Lacamas Lake	LL1	2.000	m	Temperature	degrees C	18.8	
9/20/2022	Lacamas Lake	LL1	2.000	m	SC	µS/cm	112.3	
9/20/2022	Lacamas Lake	LL1	2.000	m	DO	mg/L	8.66	
9/20/2022	Lacamas Lake	LL1	2.000	m	ORP	mV	214.9	
9/20/2022	Lacamas Lake	LL1	2.000	m	pH	standard units	7.29	
9/20/2022	Lacamas Lake	LL1	3.000	m	Temperature	degrees C	18.6	
9/20/2022	Lacamas Lake	LL1	3.000	m	SC	µS/cm	110.8	
9/20/2022	Lacamas Lake	LL1	3.000	m	DO	mg/L	8.67	
9/20/2022	Lacamas Lake	LL1	3.000	m	ORP	mV	222.7	
9/20/2022	Lacamas Lake	LL1	3.000	m	pH	standard units	7.22	
9/20/2022	Lacamas Lake	LL1	4.000	m	Temperature	degrees C	18.2	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/20/2022	Lacamas Lake	LL1	4.000	m	SC	µS/cm	112.8	
9/20/2022	Lacamas Lake	LL1	4.000	m	DO	mg/L	5.85	
9/20/2022	Lacamas Lake	LL1	4.000	m	ORP	mV	227.2	
9/20/2022	Lacamas Lake	LL1	4.000	m	pH	standard units	6.77	
9/20/2022	Lacamas Lake	LL1	5.000	m	Temperature	degrees C	17.5	
9/20/2022	Lacamas Lake	LL1	5.000	m	SC	µS/cm	115	
9/20/2022	Lacamas Lake	LL1	5.000	m	DO	mg/L	3.51	
9/20/2022	Lacamas Lake	LL1	5.000	m	ORP	mV	224.6	
9/20/2022	Lacamas Lake	LL1	5.000	m	pH	standard units	6.56	
9/20/2022	Lacamas Lake	LL1	6.000	m	Temperature	degrees C	15.8	
9/20/2022	Lacamas Lake	LL1	6.000	m	SC	µS/cm	115.4	
9/20/2022	Lacamas Lake	LL1	6.000	m	DO	mg/L	1.9	
9/20/2022	Lacamas Lake	LL1	6.000	m	ORP	mV	216.4	
9/20/2022	Lacamas Lake	LL1	6.000	m	pH	standard units	6.45	
9/20/2022	Lacamas Lake	LL1	7.000	m	Temperature	degrees C	15.5	
9/20/2022	Lacamas Lake	LL1	7.000	m	SC	µS/cm	111	
9/20/2022	Lacamas Lake	LL1	7.000	m	DO	mg/L	0.98	
9/20/2022	Lacamas Lake	LL1	7.000	m	ORP	mV	134.2	
9/20/2022	Lacamas Lake	LL1	7.000	m	pH	standard units	6.46	
9/20/2022	Lacamas Lake	LL1	8.000	m	Temperature	degrees C	11.9	
9/20/2022	Lacamas Lake	LL1	8.000	m	SC	µS/cm	89.5	
9/20/2022	Lacamas Lake	LL1	8.000	m	DO	mg/L	1.07	
9/20/2022	Lacamas Lake	LL1	8.000	m	ORP	mV	105.1	
9/20/2022	Lacamas Lake	LL1	8.000	m	pH	standard units	6.31	
9/20/2022	Lacamas Lake	LL1	9.000	m	Temperature	degrees C	9.6	
9/20/2022	Lacamas Lake	LL1	9.000	m	SC	µS/cm	85.2	
9/20/2022	Lacamas Lake	LL1	9.000	m	DO	mg/L	1.13	
9/20/2022	Lacamas Lake	LL1	9.000	m	ORP	mV	158.3	
9/20/2022	Lacamas Lake	LL1	9.000	m	pH	standard units	6.14	
9/20/2022	Lacamas Lake	LL1	10.000	m	Temperature	degrees C	8.9	
9/20/2022	Lacamas Lake	LL1	10.000	m	SC	µS/cm	90.7	
9/20/2022	Lacamas Lake	LL1	10.000	m	DO	mg/L	1.15	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/20/2022	Lacamas Lake	LL1	10.000	m	ORP	mV	53.9	
9/20/2022	Lacamas Lake	LL1	10.000	m	pH	standard units	6.08	
9/20/2022	Lacamas Lake	LL1	11.000	m	Temperature	degrees C	8.7	
9/20/2022	Lacamas Lake	LL1	11.000	m	SC	μS/cm	96.1	
9/20/2022	Lacamas Lake	LL1	11.000	m	DO	mg/L	1.14	
9/20/2022	Lacamas Lake	LL1	11.000	m	ORP	mV	27	
9/20/2022	Lacamas Lake	LL1	11.000	m	pH	standard units	6.07	
9/20/2022	Lacamas Lake	LL1	12.000	m	Temperature	degrees C	8.5	
9/20/2022	Lacamas Lake	LL1	12.000	m	SC	μS/cm	105	
9/20/2022	Lacamas Lake	LL1	12.000	m	DO	mg/L	1.16	
9/20/2022	Lacamas Lake	LL1	12.000	m	ORP	mV	-37.6	
9/20/2022	Lacamas Lake	LL1	12.000	m	pH	standard units	6.39	
9/20/2022	Lacamas Lake	LL1	13.000	m	Temperature	degrees C	8.3	
9/20/2022	Lacamas Lake	LL1	13.000	m	SC	μS/cm	114.6	
9/20/2022	Lacamas Lake	LL1	13.000	m	DO	mg/L	1.16	
9/20/2022	Lacamas Lake	LL1	13.000	m	ORP	mV	-46	
9/20/2022	Lacamas Lake	LL1	13.000	m	pH	standard units	6.39	
9/20/2022	Lacamas Lake	LL1	14.000	m	Temperature	degrees C	8.2	
9/20/2022	Lacamas Lake	LL1	14.000	m	SC	μS/cm	122	
9/20/2022	Lacamas Lake	LL1	14.000	m	DO	mg/L	1.16	
9/20/2022	Lacamas Lake	LL1	14.000	m	ORP	mV	-52.9	
9/20/2022	Lacamas Lake	LL1	14.000	m	pH	standard units	6	
9/20/2022	Lacamas Lake	LL1	15.000	m	Temperature	degrees C	8.2	
9/20/2022	Lacamas Lake	LL1	15.000	m	SC	μS/cm	130.7	
9/20/2022	Lacamas Lake	LL1	15.000	m	DO	mg/L	1.15	
9/20/2022	Lacamas Lake	LL1	15.000	m	ORP	mV	-75.3	
9/20/2022	Lacamas Lake	LL1	15.000	m	pH	standard units	6.12	
9/20/2022	Lacamas Lake	LL1	16.000	m	Temperature	degrees C	8.2	
9/20/2022	Lacamas Lake	LL1	16.000	m	SC	μS/cm	140.3	
9/20/2022	Lacamas Lake	LL1	16.000	m	DO	mg/L	1.15	
9/20/2022	Lacamas Lake	LL1	16.000	m	ORP	mV	-95	
9/20/2022	Lacamas Lake	LL1	16.000	m	pH	standard units	6.22	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/20/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	0.8	
9/20/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	4.9	
9/20/2022	Lacamas Lake	LL-Lim1	1.000	m	Temperature	degrees C	19.5	
9/20/2022	Lacamas Lake	LL-Lim1	1.000	m	SC	μS/cm	110.2	
9/20/2022	Lacamas Lake	LL-Lim1	1.000	m	DO	mg/L	12.33	
9/20/2022	Lacamas Lake	LL-Lim1	1.000	m	ORP	mV	174.3	
9/20/2022	Lacamas Lake	LL-Lim1	1.000	m	pH	standard units	8.84	
9/20/2022	Lacamas Lake	LL-Lim1	2.000	m	Temperature	degrees C	19.4	
9/20/2022	Lacamas Lake	LL-Lim1	2.000	m	SC	μS/cm	110.4	
9/20/2022	Lacamas Lake	LL-Lim1	2.000	m	DO	mg/L	12.38	
9/20/2022	Lacamas Lake	LL-Lim1	2.000	m	ORP	mV	185.3	
9/20/2022	Lacamas Lake	LL-Lim1	2.000	m	pH	standard units	8.82	
9/20/2022	Lacamas Lake	LL-Lim1	3.000	m	Temperature	degrees C	19.3	
9/20/2022	Lacamas Lake	LL-Lim1	3.000	m	SC	μS/cm	110.7	
9/20/2022	Lacamas Lake	LL-Lim1	3.000	m	DO	mg/L	12.04	
9/20/2022	Lacamas Lake	LL-Lim1	3.000	m	ORP	mV	199	
9/20/2022	Lacamas Lake	LL-Lim1	3.000	m	pH	standard units	8.44	
9/20/2022	Lacamas Lake	LL-Lim1	4.000	m	Temperature	degrees C	17.9	
9/20/2022	Lacamas Lake	LL-Lim1	4.000	m	SC	μS/cm	116	
9/20/2022	Lacamas Lake	LL-Lim1	4.000	m	DO	mg/L	4.21	
9/20/2022	Lacamas Lake	LL-Lim1	4.000	m	ORP	mV	173.5	
9/20/2022	Lacamas Lake	LL-Lim1	4.000	m	pH	standard units	6.81	
9/20/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	0.7	
9/20/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	3.1	
9/20/2022	Lacamas Lake	LL-Lim2	1.000	m	Temperature	degrees C	19.6	
9/20/2022	Lacamas Lake	LL-Lim2	1.000	m	SC	μS/cm	110.5	
9/20/2022	Lacamas Lake	LL-Lim2	1.000	m	DO	mg/L	12.57	
9/20/2022	Lacamas Lake	LL-Lim2	1.000	m	ORP	mV	194.4	
9/20/2022	Lacamas Lake	LL-Lim2	1.000	m	pH	standard units	8.76	
9/20/2022	Lacamas Lake	LL-Lim2	2.000	m	Temperature	degrees C	18.9	
9/20/2022	Lacamas Lake	LL-Lim2	2.000	m	SC	μS/cm	110.5	
9/20/2022	Lacamas Lake	LL-Lim2	2.000	m	DO	mg/L	11.74	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/20/2022	Lacamas Lake	LL-Lim2	2.000	m	ORP	mV	199	
9/20/2022	Lacamas Lake	LL-Lim2	2.000	m	pH	standard units	8.68	
9/20/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	0.9	
9/20/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	5.6	
9/20/2022	Lacamas Lake	LL-Lim3	1.000	m	Temperature	degrees C	19.2	
9/20/2022	Lacamas Lake	LL-Lim3	1.000	m	SC	μS/cm	110.2	
9/20/2022	Lacamas Lake	LL-Lim3	1.000	m	DO	mg/L	11.18	
9/20/2022	Lacamas Lake	LL-Lim3	1.000	m	ORP	mV	180.7	
9/20/2022	Lacamas Lake	LL-Lim3	1.000	m	pH	standard units	8.43	
9/20/2022	Lacamas Lake	LL-Lim3	2.000	m	Temperature	degrees C	18.8	
9/20/2022	Lacamas Lake	LL-Lim3	2.000	m	SC	μS/cm	111	
9/20/2022	Lacamas Lake	LL-Lim3	2.000	m	DO	mg/L	8.88	
9/20/2022	Lacamas Lake	LL-Lim3	2.000	m	ORP	mV	195	
9/20/2022	Lacamas Lake	LL-Lim3	2.000	m	pH	standard units	7.45	
9/20/2022	Lacamas Lake	LL-Lim3	3.000	m	Temperature	degrees C	18.3	
9/20/2022	Lacamas Lake	LL-Lim3	3.000	m	SC	μS/cm	111.8	
9/20/2022	Lacamas Lake	LL-Lim3	3.000	m	DO	mg/L	4.77	
9/20/2022	Lacamas Lake	LL-Lim3	3.000	m	ORP	mV	171.3	
9/20/2022	Lacamas Lake	LL-Lim3	3.000	m	pH	standard units	6.81	
9/20/2022	Lacamas Lake	LL-Lim3	4.000	m	Temperature	degrees C	17.4	
9/20/2022	Lacamas Lake	LL-Lim3	4.000	m	SC	μS/cm	114.5	
9/20/2022	Lacamas Lake	LL-Lim3	4.000	m	DO	mg/L	1.01	
9/20/2022	Lacamas Lake	LL-Lim3	4.000	m	ORP	mV	164.5	
9/20/2022	Lacamas Lake	LL-Lim3	4.000	m	pH	standard units	6.54	
9/20/2022	Lacamas Lake	LL-Lim3	5.000	m	Temperature	degrees C	15.4	
9/20/2022	Lacamas Lake	LL-Lim3	5.000	m	SC	μS/cm	153.5	
9/20/2022	Lacamas Lake	LL-Lim3	5.000	m	DO	mg/L	1	
9/20/2022	Lacamas Lake	LL-Lim3	5.000	m	ORP	mV	98.8	
9/20/2022	Lacamas Lake	LL-Lim3	5.000	m	pH	standard units	6.64	
9/21/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	0.9	
9/21/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	12.0	
9/21/2022	Round Lake	RL1	1.000	m	Temperature	degrees C	18.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/21/2022	Round Lake	RL1	1.000	m	SC	μS/cm	207.8	
9/21/2022	Round Lake	RL1	1.000	m	DO	mg/L	10.19	
9/21/2022	Round Lake	RL1	1.000	m	ORP	mV	107.8	
9/21/2022	Round Lake	RL1	1.000	m	pH	standard units	7.99	
9/21/2022	Round Lake	RL1	2.000	m	Temperature	degrees C	18.9	
9/21/2022	Round Lake	RL1	2.000	m	SC	μS/cm	107.7	
9/21/2022	Round Lake	RL1	2.000	m	DO	mg/L	10.14	
9/21/2022	Round Lake	RL1	2.000	m	ORP	mV	229.4	
9/21/2022	Round Lake	RL1	2.000	m	pH	standard units	7.95	
9/21/2022	Round Lake	RL1	3.000	m	Temperature	degrees C	18.2	
9/21/2022	Round Lake	RL1	3.000	m	SC	μS/cm	96.9	
9/21/2022	Round Lake	RL1	3.000	m	DO	mg/L	4.61	
9/21/2022	Round Lake	RL1	3.000	m	ORP	mV	261.5	
9/21/2022	Round Lake	RL1	3.000	m	pH	standard units	6.53	
9/21/2022	Round Lake	RL1	4.000	m	Temperature	degrees C	15.9	
9/21/2022	Round Lake	RL1	4.000	m	SC	μS/cm	75.5	
9/21/2022	Round Lake	RL1	4.000	m	DO	mg/L	1.11	
9/21/2022	Round Lake	RL1	4.000	m	ORP	mV	263.9	
9/21/2022	Round Lake	RL1	4.000	m	pH	standard units	6.12	
9/21/2022	Round Lake	RL1	5.000	m	Temperature	degrees C	14.2	
9/21/2022	Round Lake	RL1	5.000	m	SC	μS/cm	72.8	
9/21/2022	Round Lake	RL1	5.000	m	DO	mg/L	1.1	
9/21/2022	Round Lake	RL1	5.000	m	ORP	mV	235.2	
9/21/2022	Round Lake	RL1	5.000	m	pH	standard units	6.02	
9/21/2022	Round Lake	RL1	6.000	m	Temperature	degrees C	13.5	
9/21/2022	Round Lake	RL1	6.000	m	SC	μS/cm	73.2	
9/21/2022	Round Lake	RL1	6.000	m	DO	mg/L	1.05	
9/21/2022	Round Lake	RL1	6.000	m	ORP	mV	210.2	
9/21/2022	Round Lake	RL1	6.000	m	pH	standard units	5.99	
9/21/2022	Round Lake	RL1	7.000	m	Temperature	degrees C	12.6	
9/21/2022	Round Lake	RL1	7.000	m	SC	μS/cm	75.6	
9/21/2022	Round Lake	RL1	7.000	m	DO	mg/L	1.09	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/21/2022	Round Lake	RL1	7.000	m	ORP	mV	167.1	
9/21/2022	Round Lake	RL1	7.000	m	pH	standard units	6.05	
9/21/2022	Round Lake	RL1	8.000	m	Temperature	degrees C	11	
9/21/2022	Round Lake	RL1	8.000	m	SC	μS/cm	89.5	
9/21/2022	Round Lake	RL1	8.000	m	DO	mg/L	1.11	
9/21/2022	Round Lake	RL1	8.000	m	ORP	mV	12.4	
9/21/2022	Round Lake	RL1	8.000	m	pH	standard units	6.17	
9/21/2022	Round Lake	RL1	9.000	m	Temperature	degrees C	10	
9/21/2022	Round Lake	RL1	9.000	m	SC	μS/cm	104.9	
9/21/2022	Round Lake	RL1	9.000	m	DO	mg/L	1.13	
9/21/2022	Round Lake	RL1	9.000	m	ORP	mV	-36.4	
9/21/2022	Round Lake	RL1	9.000	m	pH	standard units	6.3	
9/21/2022	Round Lake	RL1	10.000	m	Temperature	degrees C	9.1	
9/21/2022	Round Lake	RL1	10.000	m	SC	μS/cm	134.2	
9/21/2022	Round Lake	RL1	10.000	m	DO	mg/L	1.15	
9/21/2022	Round Lake	RL1	10.000	m	ORP	mV	-71.9	
9/21/2022	Round Lake	RL1	10.000	m	pH	standard units	6.37	
9/21/2022	Round Lake	RL1	11.000	m	Temperature	degrees C	8.6	
9/21/2022	Round Lake	RL1	11.000	m	SC	μS/cm	159.5	
9/21/2022	Round Lake	RL1	11.000	m	DO	mg/L	1.17	
9/21/2022	Round Lake	RL1	11.000	m	ORP	mV	-88.9	
9/21/2022	Round Lake	RL1	11.000	m	pH	standard units	6.47	
9/21/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	0.7	
9/21/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	1.8	
9/21/2022	Round Lake	RL-Lim1	1.000	m	Temperature	degrees C	18.6	
9/21/2022	Round Lake	RL-Lim1	1.000	m	SC	μS/cm	111.3	
9/21/2022	Round Lake	RL-Lim1	1.000	m	DO	mg/L	9.58	
9/21/2022	Round Lake	RL-Lim1	1.000	m	ORP	mV	196.3	
9/21/2022	Round Lake	RL-Lim1	1.000	m	pH	standard units	7.54	
9/21/2022	Round Lake	RL-Lim1	1.500	m	Temperature	degrees C	18.6	
9/21/2022	Round Lake	RL-Lim1	1.500	m	SC	μS/cm	111.6	
9/21/2022	Round Lake	RL-Lim1	1.500	m	DO	mg/L	9.61	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
9/21/2022	Round Lake	RL-Lim1	1.500	m	ORP	mV	200.3	
9/21/2022	Round Lake	RL-Lim1	1.500	m	pH	standard units	7.62	
9/22/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	18.8	
9/22/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	108.2	
9/22/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	9.54	
9/22/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	7.48	
9/22/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	14.7	
9/22/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	103.8	
9/22/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	10.05	
9/22/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	7.38	
9/22/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	ND	
9/22/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	ND	
9/22/2022	Currie Creek	CC1	NA	NA	DO	mg/L	ND	
9/22/2022	Currie Creek	CC1	NA	NA	pH	standard units	ND	
9/22/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	ND	
9/22/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	ND	
9/22/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	ND	
9/22/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	ND	
9/22/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	15	
9/22/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	167	
9/22/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	9.31	
9/22/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.12	
10/20/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	12.58	
10/20/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	150	
10/20/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	5.77	
10/20/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	14.57	
10/20/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	157	
10/20/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	1.72	
10/20/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	12.07	
10/20/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	107	
10/20/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	6.33	
10/20/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	ND	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
10/20/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	ND	
10/20/2022	Currie Creek	CC1	NA	NA	DO	mg/L	ND	
10/20/2022	Currie Creek	CC1	NA	NA	pH	standard units	ND	
10/20/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	ND	
10/20/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	ND	
10/20/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	ND	
10/20/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	ND	
10/25/2022	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	1.0	
10/25/2022	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	16	
10/25/2022	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	0.9	
10/25/2022	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	3.25	
10/25/2022	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	1.1	
10/25/2022	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	5.25	
10/25/2022	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	0.9	
10/25/2022	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	3.25	
10/25/2022	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	0.9	
10/25/2022	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	6.0	
10/26/2022	Fallen Leaf Lake	FLL1	NA	NA	Secchi Depth	m	2.1	
10/26/2022	Fallen Leaf Lake	FLL1	NA	NA	Apparent Depth	m	8.2	
10/26/2022	Fallen Leaf Lake	FLL1	1.011	I	Temperature	degrees C	14.5	
10/26/2022	Fallen Leaf Lake	FLL1	1.011	I	SC	μS/cm	90.3	
10/26/2022	Fallen Leaf Lake	FLL1	1.011	I	DO	mg/L	6.48	
10/26/2022	Fallen Leaf Lake	FLL1	1.011	I	ORP	mV	169.2	
10/26/2022	Fallen Leaf Lake	FLL1	1.011	I	pH	standard units	6.94	
10/26/2022	Fallen Leaf Lake	FLL1	1.998	I	Temperature	degrees C	14.5	
10/26/2022	Fallen Leaf Lake	FLL1	1.998	I	SC	μS/cm	90.3	
10/26/2022	Fallen Leaf Lake	FLL1	1.998	I	DO	mg/L	6.46	
10/26/2022	Fallen Leaf Lake	FLL1	1.998	I	ORP	mV	171.3	
10/26/2022	Fallen Leaf Lake	FLL1	1.998	I	pH	standard units	6.86	
10/26/2022	Fallen Leaf Lake	FLL1	2.994	I	Temperature	degrees C	14.4	
10/26/2022	Fallen Leaf Lake	FLL1	2.994	I	SC	μS/cm	90.2	
10/26/2022	Fallen Leaf Lake	FLL1	2.994	I	DO	mg/L	6.37	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
10/26/2022	Fallen Leaf Lake	FLL1	2.994	I	ORP	mV	187.4	
10/26/2022	Fallen Leaf Lake	FLL1	2.994	I	pH	standard units	6.5	
10/26/2022	Fallen Leaf Lake	FLL1	3.993	I	Temperature	degrees C	14.4	
10/26/2022	Fallen Leaf Lake	FLL1	3.993	I	SC	µS/cm	90.7	
10/26/2022	Fallen Leaf Lake	FLL1	3.993	I	DO	mg/L	6.21	
10/26/2022	Fallen Leaf Lake	FLL1	3.993	I	ORP	mV	191.2	
10/26/2022	Fallen Leaf Lake	FLL1	3.993	I	pH	standard units	6.47	
10/26/2022	Fallen Leaf Lake	FLL1	5.007	I	Temperature	degrees C	13.8	
10/26/2022	Fallen Leaf Lake	FLL1	5.007	I	SC	µS/cm	95.1	
10/26/2022	Fallen Leaf Lake	FLL1	5.007	I	DO	mg/L	2.82	
10/26/2022	Fallen Leaf Lake	FLL1	5.007	I	ORP	mV	206.3	
10/26/2022	Fallen Leaf Lake	FLL1	5.007	I	pH	standard units	6.12	
10/26/2022	Fallen Leaf Lake	FLL1	5.969	I	Temperature	degrees C	10.9	
10/26/2022	Fallen Leaf Lake	FLL1	5.969	I	SC	µS/cm	176.2	
10/26/2022	Fallen Leaf Lake	FLL1	5.969	I	DO	mg/L	0.99	
10/26/2022	Fallen Leaf Lake	FLL1	5.969	I	ORP	mV	-57.2	
10/26/2022	Fallen Leaf Lake	FLL1	5.969	I	pH	standard units	6.25	
10/26/2022	Fallen Leaf Lake	FLL1	7.003	I	Temperature	degrees C	8.9	
10/26/2022	Fallen Leaf Lake	FLL1	7.003	I	SC	µS/cm	314.2	
10/26/2022	Fallen Leaf Lake	FLL1	7.003	I	DO	mg/L	0.99	
10/26/2022	Fallen Leaf Lake	FLL1	7.003	I	ORP	mV	-138.4	
10/26/2022	Fallen Leaf Lake	FLL1	7.003	I	pH	standard units	6.76	
10/26/2022	Fallen Leaf Lake	FLL1	8.000	I	Temperature	degrees C	8.4	
10/26/2022	Fallen Leaf Lake	FLL1	8.000	I	SC	µS/cm	403.4	
10/26/2022	Fallen Leaf Lake	FLL1	8.000	I	DO	mg/L	0.99	
10/26/2022	Fallen Leaf Lake	FLL1	8.000	I	ORP	mV	-175.3	
10/26/2022	Fallen Leaf Lake	FLL1	8.000	I	pH	standard units	6.91	
10/26/2022	Round Lake	RL1	NA	NA	Secchi Depth	m	1.7	
10/26/2022	Round Lake	RL1	NA	NA	Apparent Depth	m	13.5	
10/26/2022	Round Lake	RL1	1.031	I	Temperature	degrees C	14.8	
10/26/2022	Round Lake	RL1	1.031	I	SC	µS/cm	100.9	
10/26/2022	Round Lake	RL1	1.031	I	DO	mg/L	6.79	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
10/26/2022	Round Lake	RL1	1.031	I	ORP	mV	105.9	
10/26/2022	Round Lake	RL1	1.031	I	pH	standard units	7.13	
10/26/2022	Round Lake	RL1	1.951	I	Temperature	degrees C	14.8	
10/26/2022	Round Lake	RL1	1.951	I	SC	μS/cm	100.9	
10/26/2022	Round Lake	RL1	1.951	I	DO	mg/L	6.71	
10/26/2022	Round Lake	RL1	1.951	I	ORP	mV	109.4	
10/26/2022	Round Lake	RL1	1.951	I	pH	standard units	7.1	
10/26/2022	Round Lake	RL1	3.057	I	Temperature	degrees C	14.7	
10/26/2022	Round Lake	RL1	3.057	I	SC	μS/cm	101	
10/26/2022	Round Lake	RL1	3.057	I	DO	mg/L	6.71	
10/26/2022	Round Lake	RL1	3.057	I	ORP	mV	112.5	
10/26/2022	Round Lake	RL1	3.057	I	pH	standard units	7.1	
10/26/2022	Round Lake	RL1	4.021	I	Temperature	degrees C	14.7	
10/26/2022	Round Lake	RL1	4.021	I	SC	μS/cm	100.7	
10/26/2022	Round Lake	RL1	4.021	I	DO	mg/L	6.49	
10/26/2022	Round Lake	RL1	4.021	I	ORP	mV	129.2	
10/26/2022	Round Lake	RL1	4.021	I	pH	standard units	6.82	
10/26/2022	Round Lake	RL1	5.037	I	Temperature	degrees C	14.7	
10/26/2022	Round Lake	RL1	5.037	I	SC	μS/cm	100.8	
10/26/2022	Round Lake	RL1	5.037	I	DO	mg/L	6.64	
10/26/2022	Round Lake	RL1	5.037	I	ORP	mV	134.9	
10/26/2022	Round Lake	RL1	5.037	I	pH	standard units	6.75	
10/26/2022	Round Lake	RL1	5.992	I	Temperature	degrees C	14.6	
10/26/2022	Round Lake	RL1	5.992	I	SC	μS/cm	100.1	
10/26/2022	Round Lake	RL1	5.992	I	DO	mg/L	6.47	
10/26/2022	Round Lake	RL1	5.992	I	ORP	mV	139.8	
10/26/2022	Round Lake	RL1	5.992	I	pH	standard units	6.63	
10/26/2022	Round Lake	RL1	6.973	I	Temperature	degrees C	14.1	
10/26/2022	Round Lake	RL1	6.973	I	SC	μS/cm	94.7	
10/26/2022	Round Lake	RL1	6.973	I	DO	mg/L	6.42	
10/26/2022	Round Lake	RL1	6.973	I	ORP	mV	138.4	
10/26/2022	Round Lake	RL1	6.973	I	pH	standard units	6.43	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
10/26/2022	Round Lake	RL1	7.963	I	Temperature	degrees C	12.6	
10/26/2022	Round Lake	RL1	7.963	I	SC	μS/cm	85.6	
10/26/2022	Round Lake	RL1	7.963	I	DO	mg/L	0.93	
10/26/2022	Round Lake	RL1	7.963	I	ORP	mV	3.1	
10/26/2022	Round Lake	RL1	7.963	I	pH	standard units	6.13	
10/26/2022	Round Lake	RL1	8.947	I	Temperature	degrees C	11.8	
10/26/2022	Round Lake	RL1	8.947	I	SC	μS/cm	100	
10/26/2022	Round Lake	RL1	8.947	I	DO	mg/L	0.89	
10/26/2022	Round Lake	RL1	8.947	I	ORP	mV	-52.4	
10/26/2022	Round Lake	RL1	8.947	I	pH	standard units	6.17	
10/26/2022	Round Lake	RL1	9.961	I	Temperature	degrees C	10.6	
10/26/2022	Round Lake	RL1	9.961	I	SC	μS/cm	118.3	
10/26/2022	Round Lake	RL1	9.961	I	DO	mg/L	0.89	
10/26/2022	Round Lake	RL1	9.961	I	ORP	mV	-75.6	
10/26/2022	Round Lake	RL1	9.961	I	pH	standard units	6.33	
10/26/2022	Round Lake	RL1	10.943	I	Temperature	degrees C	9.7	
10/26/2022	Round Lake	RL1	10.943	I	SC	μS/cm	142.4	
10/26/2022	Round Lake	RL1	10.943	I	DO	mg/L	0.89	
10/26/2022	Round Lake	RL1	10.943	I	ORP	mV	-96.3	
10/26/2022	Round Lake	RL1	10.943	I	pH	standard units	6.42	
10/26/2022	Round Lake	RL1	12.046	I	Temperature	degrees C	9.2	
10/26/2022	Round Lake	RL1	12.046	I	SC	μS/cm	171.6	
10/26/2022	Round Lake	RL1	12.046	I	DO	mg/L	0.92	
10/26/2022	Round Lake	RL1	12.046	I	ORP	mV	-103.4	
10/26/2022	Round Lake	RL1	12.046	I	pH	standard units	6.44	
10/26/2022	Round Lake	RL1	13.055	I	Temperature	degrees C	8.8	
10/26/2022	Round Lake	RL1	13.055	I	SC	μS/cm	224.4	
10/26/2022	Round Lake	RL1	13.055	I	DO	mg/L	0.94	
10/26/2022	Round Lake	RL1	13.055	I	ORP	mV	-111.8	
10/26/2022	Round Lake	RL1	13.055	I	pH	standard units	6.45	
10/26/2022	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	1.5	
10/26/2022	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	3.0	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
10/26/2022	Round Lake	RL-Lim1	1.001	I	Temperature	degrees C	14.6	
10/26/2022	Round Lake	RL-Lim1	1.001	I	SC	μS/cm	101.9	
10/26/2022	Round Lake	RL-Lim1	1.001	I	DO	mg/L	8.09	
10/26/2022	Round Lake	RL-Lim1	1.001	I	ORP	mV	129.6	
10/26/2022	Round Lake	RL-Lim1	1.001	I	pH	standard units	7.39	
10/26/2022	Round Lake	RL-Lim1	2.043	I	Temperature	degrees C	14.3	
10/26/2022	Round Lake	RL-Lim1	2.043	I	SC	μS/cm	104.3	
10/26/2022	Round Lake	RL-Lim1	2.043	I	DO	mg/L	7.24	
10/26/2022	Round Lake	RL-Lim1	2.043	I	ORP	mV	130.4	
10/26/2022	Round Lake	RL-Lim1	2.043	I	pH	standard units	7.25	
11/17/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	10.16	
11/17/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	86	
11/17/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	3.65	J
11/17/2022	Lacamas Creek	LC-UD	NA	NA	pH	standard units	6.11	
11/17/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	7.9	
11/17/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	99	
11/17/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	6.1	
11/17/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	7.69	
11/17/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	58	
11/17/2022	Currie Creek	CC1	NA	NA	pH	standard units	5.98	
11/17/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	4.84	
11/17/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	71	
11/17/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	5.89	
11/17/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	5.82	
11/17/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	92	
11/17/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	5.99	
12/8/2022	Stormwater	RL-SW1	NA	NA	Temperature	degrees C	5.15	
12/8/2022	Stormwater	RL-SW1	NA	NA	SC	μS/cm	88	
12/8/2022	Stormwater	RL-SW1	NA	NA	DO	mg/L	13.4	J
12/8/2022	Stormwater	RL-SW1	NA	NA	pH	standard units	6.94	
12/8/2022	Stormwater	FL-SW1	NA	NA	Temperature	degrees C	4.28	
12/8/2022	Stormwater	FL-SW1	NA	NA	SC	μS/cm	68	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
12/8/2022	Stormwater	FL-SW1	NA	NA	DO	mg/L	12.63	
12/8/2022	Stormwater	FL-SW1	NA	NA	pH	standard units	6.87	
12/15/2022	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	5.93	
12/15/2022	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	77.5	
12/15/2022	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	2.43	
12/15/2022	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	3.95	
12/15/2022	Unnamed Creek	UC1	NA	NA	SC	μS/cm	64	
12/15/2022	Unnamed Creek	UC1	NA	NA	DO	mg/L	7.75	
12/15/2022	Unnamed Creek	UC1	NA	NA	pH	standard units	5.97	
12/15/2022	Currie Creek	CC1	NA	NA	Temperature	degrees C	4.44	
12/15/2022	Currie Creek	CC1	NA	NA	SC	μS/cm	51	
12/15/2022	Currie Creek	CC1	NA	NA	DO	mg/L	6.55	
12/15/2022	Currie Creek	CC1	NA	NA	pH	standard units	5.9	
12/15/2022	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	3.44	
12/15/2022	Dwyer Creek	DC1	NA	NA	SC	μS/cm	63	
12/15/2022	Dwyer Creek	DC1	NA	NA	DO	mg/L	10.74	
12/15/2022	Dwyer Creek	DC1	NA	NA	pH	standard units	6.08	
12/15/2022	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	4.76	
12/15/2022	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	68	
12/15/2022	Lacamas Creek	LC-G	NA	NA	DO	mg/L	7.35	
12/15/2022	Lacamas Creek	LC-G	NA	NA	pH	standard units	6.23	
1/19/2023	Lacamas Lake	LL1	1.003	I	Temperature	degrees C	7.6	
1/19/2023	Lacamas Lake	LL1	1.003	I	SC	μS/cm	68.7	
1/19/2023	Lacamas Lake	LL1	1.003	I	DO	mg/L	10.37	
1/19/2023	Lacamas Lake	LL1	1.003	I	ORP	mV	183.3	
1/19/2023	Lacamas Lake	LL1	1.003	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	1.950	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL1	1.950	I	SC	μS/cm	68.2	
1/19/2023	Lacamas Lake	LL1	1.950	I	DO	mg/L	10.35	
1/19/2023	Lacamas Lake	LL1	1.950	I	ORP	mV	186.5	
1/19/2023	Lacamas Lake	LL1	1.950	I	pH	standard units	6.15	
1/19/2023	Lacamas Lake	LL1	2.990	I	Temperature	degrees C	7.5	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL1	2.990	I	SC	µS/cm	67.7	
1/19/2023	Lacamas Lake	LL1	2.990	I	DO	mg/L	10.32	
1/19/2023	Lacamas Lake	LL1	2.990	I	ORP	mV	189.4	
1/19/2023	Lacamas Lake	LL1	2.990	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	4.090	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL1	4.090	I	SC	µS/cm	67.5	
1/19/2023	Lacamas Lake	LL1	4.090	I	DO	mg/L	10.32	
1/19/2023	Lacamas Lake	LL1	4.090	I	ORP	mV	191.7	
1/19/2023	Lacamas Lake	LL1	4.090	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	4.980	M	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL1	4.980	I	SC	µS/cm	67.4	
1/19/2023	Lacamas Lake	LL1	4.980	M	DO	mg/L	10.31	
1/19/2023	Lacamas Lake	LL1	4.980	M	ORP	mV	192.8	
1/19/2023	Lacamas Lake	LL1	4.980	M	pH	standard units	6.15	
1/19/2023	Lacamas Lake	LL1	5.980	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL1	5.980	I	SC	µS/cm	67.2	
1/19/2023	Lacamas Lake	LL1	5.980	I	DO	mg/L	10.29	
1/19/2023	Lacamas Lake	LL1	5.980	I	ORP	mV	193.7	
1/19/2023	Lacamas Lake	LL1	5.980	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	6.970	I	Temperature	degrees C	7.3	
1/19/2023	Lacamas Lake	LL1	6.970	I	SC	µS/cm	67.8	
1/19/2023	Lacamas Lake	LL1	6.970	I	DO	mg/L	10.32	
1/19/2023	Lacamas Lake	LL1	6.970	I	ORP	mV	195.7	
1/19/2023	Lacamas Lake	LL1	6.970	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	7.990	I	Temperature	degrees C	7.3	
1/19/2023	Lacamas Lake	LL1	7.990	I	SC	µS/cm	69	
1/19/2023	Lacamas Lake	LL1	7.990	I	DO	mg/L	10.41	
1/19/2023	Lacamas Lake	LL1	7.990	I	ORP	mV	196.4	
1/19/2023	Lacamas Lake	LL1	7.990	I	pH	standard units	6.19	
1/19/2023	Lacamas Lake	LL1	8.960	I	Temperature	degrees C	7.1	
1/19/2023	Lacamas Lake	LL1	8.960	I	SC	µS/cm	69.3	
1/19/2023	Lacamas Lake	LL1	8.960	I	DO	mg/L	10.38	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL1	8.960	I	ORP	mV	198.4	
1/19/2023	Lacamas Lake	LL1	8.960	I	pH	standard units	6.18	
1/19/2023	Lacamas Lake	LL1	9.910	I	Temperature	degrees C	7	
1/19/2023	Lacamas Lake	LL1	9.910	I	SC	μS/cm	69.2	
1/19/2023	Lacamas Lake	LL1	9.910	I	DO	mg/L	10.4	
1/19/2023	Lacamas Lake	LL1	9.910	I	ORP	mV	199.4	
1/19/2023	Lacamas Lake	LL1	9.910	I	pH	standard units	6.18	
1/19/2023	Lacamas Lake	LL1	11.020	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL1	11.020	I	SC	μS/cm	69	
1/19/2023	Lacamas Lake	LL1	11.020	I	DO	mg/L	10.4	
1/19/2023	Lacamas Lake	LL1	11.020	I	ORP	mV	200.5	
1/19/2023	Lacamas Lake	LL1	11.020	I	pH	standard units	6.18	
1/19/2023	Lacamas Lake	LL1	11.980	I	Temperature	degrees C	6.8	
1/19/2023	Lacamas Lake	LL1	11.980	I	SC	μS/cm	68.8	
1/19/2023	Lacamas Lake	LL1	11.980	I	DO	mg/L	10.3	
1/19/2023	Lacamas Lake	LL1	11.980	I	ORP	mV	202.3	
1/19/2023	Lacamas Lake	LL1	11.980	I	pH	standard units	6.16	
1/19/2023	Lacamas Lake	LL1	12.960	I	Temperature	degrees C	6.8	
1/19/2023	Lacamas Lake	LL1	12.960	I	SC	μS/cm	68.7	
1/19/2023	Lacamas Lake	LL1	12.960	I	DO	mg/L	10.3	
1/19/2023	Lacamas Lake	LL1	12.960	I	ORP	mV	204.5	
1/19/2023	Lacamas Lake	LL1	12.960	I	pH	standard units	6.13	
1/19/2023	Lacamas Lake	LL1	13.910	I	Temperature	degrees C	6.8	
1/19/2023	Lacamas Lake	LL1	13.910	I	SC	μS/cm	68.6	
1/19/2023	Lacamas Lake	LL1	13.910	I	DO	mg/L	10.29	
1/19/2023	Lacamas Lake	LL1	13.910	I	ORP	mV	206.2	
1/19/2023	Lacamas Lake	LL1	13.910	I	pH	standard units	6.11	
1/19/2023	Lacamas Lake	LL1	15.020	I	Temperature	degrees C	6.8	
1/19/2023	Lacamas Lake	LL1	15.020	I	SC	μS/cm	68.6	
1/19/2023	Lacamas Lake	LL1	15.020	I	DO	mg/L	10.05	
1/19/2023	Lacamas Lake	LL1	15.020	I	ORP	mV	207.8	
1/19/2023	Lacamas Lake	LL1	15.020	I	pH	standard units	6.08	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL1	15.990	I	Temperature	degrees C	6.8	
1/19/2023	Lacamas Lake	LL1	15.990	I	SC	μS/cm	68.8	
1/19/2023	Lacamas Lake	LL1	15.990	I	DO	mg/L	9.25	
1/19/2023	Lacamas Lake	LL1	15.990	I	ORP	mV	210.5	
1/19/2023	Lacamas Lake	LL1	15.990	I	pH	standard units	6.01	
1/19/2023	Lacamas Lake	LL1	16.900	I	Temperature	degrees C	6.7	
1/19/2023	Lacamas Lake	LL1	16.900	I	SC	μS/cm	70	
1/19/2023	Lacamas Lake	LL1	16.900	I	DO	mg/L	6.24	
1/19/2023	Lacamas Lake	LL1	16.900	I	ORP	mV	213.9	
1/19/2023	Lacamas Lake	LL1	16.900	I	pH	standard units	5.83	
1/19/2023	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	1.4	
1/19/2023	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	17.8	
1/19/2023	Lacamas Lake	LL2	1.030	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL2	1.030	I	SC	μS/cm	64.6	
1/19/2023	Lacamas Lake	LL2	1.030	I	DO	mg/L	10.02	
1/19/2023	Lacamas Lake	LL2	1.030	I	ORP	mV	237.3	
1/19/2023	Lacamas Lake	LL2	1.030	I	pH	standard units	5.96	
1/19/2023	Lacamas Lake	LL2	1.990	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL2	1.990	I	SC	μS/cm	64.4	
1/19/2023	Lacamas Lake	LL2	1.990	I	DO	mg/L	9.99	
1/19/2023	Lacamas Lake	LL2	1.990	I	ORP	mV	238.5	
1/19/2023	Lacamas Lake	LL2	1.990	I	pH	standard units	5.88	
1/19/2023	Lacamas Lake	LL2	3.030	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL2	3.030	I	SC	μS/cm	64.5	
1/19/2023	Lacamas Lake	LL2	3.030	I	DO	mg/L	9.96	
1/19/2023	Lacamas Lake	LL2	3.030	I	ORP	mV	239.6	
1/19/2023	Lacamas Lake	LL2	3.030	I	pH	standard units	5.83	
1/19/2023	Lacamas Lake	LL2	3.950	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL2	3.950	I	SC	μS/cm	63.8	
1/19/2023	Lacamas Lake	LL2	3.950	I	DO	mg/L	9.97	
1/19/2023	Lacamas Lake	LL2	3.950	I	ORP	mV	235.5	
1/19/2023	Lacamas Lake	LL2	3.950	I	pH	standard units	5.85	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL2	4.900	I	Temperature	degrees C	6.9	
1/19/2023	Lacamas Lake	LL2	4.900	I	SC	μS/cm	64.2	
1/19/2023	Lacamas Lake	LL2	4.900	I	DO	mg/L	9.93	
1/19/2023	Lacamas Lake	LL2	4.900	I	ORP	mV	233.2	
1/19/2023	Lacamas Lake	LL2	4.900	I	pH	standard units	5.88	
1/19/2023	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	1.1	
1/19/2023	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	5.1	
1/19/2023	Lacamas Lake	LL-Lim1	1.002	I	Temperature	degrees C	7.4	
1/19/2023	Lacamas Lake	LL-Lim1	1.002	I	SC	μS/cm	68	
1/19/2023	Lacamas Lake	LL-Lim1	1.002	I	DO	mg/L	10.47	
1/19/2023	Lacamas Lake	LL-Lim1	1.002	I	ORP	mV	197.4	
1/19/2023	Lacamas Lake	LL-Lim1	1.002	I	pH	standard units	6.23	
1/19/2023	Lacamas Lake	LL-Lim1	1.910	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL-Lim1	1.910	I	SC	μS/cm	67.9	
1/19/2023	Lacamas Lake	LL-Lim1	1.910	I	DO	mg/L	10.44	
1/19/2023	Lacamas Lake	LL-Lim1	1.910	I	ORP	mV	198.5	
1/19/2023	Lacamas Lake	LL-Lim1	1.910	I	pH	standard units	6.22	
1/19/2023	Lacamas Lake	LL-Lim1	2.980	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL-Lim1	2.980	I	SC	μS/cm	67.9	
1/19/2023	Lacamas Lake	LL-Lim1	2.980	I	DO	mg/L	10.4	
1/19/2023	Lacamas Lake	LL-Lim1	2.980	I	ORP	mV	198.2	
1/19/2023	Lacamas Lake	LL-Lim1	2.980	I	pH	standard units	6.24	
1/19/2023	Lacamas Lake	LL-Lim1	3.940	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL-Lim1	3.940	I	SC	μS/cm	68	
1/19/2023	Lacamas Lake	LL-Lim1	3.940	I	DO	mg/L	10.38	
1/19/2023	Lacamas Lake	LL-Lim1	3.940	I	ORP	mV	199.8	
1/19/2023	Lacamas Lake	LL-Lim1	3.940	I	pH	standard units	6.23	
1/19/2023	Lacamas Lake	LL-Lim1	4.960	I	Temperature	degrees C	7.5	
1/19/2023	Lacamas Lake	LL-Lim1	4.960	I	SC	μS/cm	68	
1/19/2023	Lacamas Lake	LL-Lim1	4.960	I	DO	mg/L	10.3	
1/19/2023	Lacamas Lake	LL-Lim1	4.960	I	ORP	mV	199.6	
1/19/2023	Lacamas Lake	LL-Lim1	4.960	I	pH	standard units	6.24	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	1.4	
1/19/2023	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	6.0	
1/19/2023	Lacamas Lake	LL-Lim2	1.060	I	Temperature	degrees C	7.400	
1/19/2023	Lacamas Lake	LL-Lim2	1.060	I	SC	μS/cm	68.4	
1/19/2023	Lacamas Lake	LL-Lim2	1.060	I	DO	mg/L	10.44	
1/19/2023	Lacamas Lake	LL-Lim2	1.060	I	ORP	mV	172.9	
1/19/2023	Lacamas Lake	LL-Lim2	1.060	I	pH	standard units	6.35	
1/19/2023	Lacamas Lake	LL-Lim2	1.940	I	Temperature	degrees C	7.4	
1/19/2023	Lacamas Lake	LL-Lim2	1.940	I	SC	μS/cm	68.4	
1/19/2023	Lacamas Lake	LL-Lim2	1.940	I	DO	mg/L	10.43	
1/19/2023	Lacamas Lake	LL-Lim2	1.940	I	ORP	mV	175.5	
1/19/2023	Lacamas Lake	LL-Lim2	1.940	I	pH	standard units	6.34	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	Temperature	degrees C	7.4	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	SC	μS/cm	68.4	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	DO	mg/L	10.4	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	ORP	mV	177.8	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	pH	standard units	6.35	
1/19/2023	Lacamas Lake	LL-Lim2	3.005	I	Temperature	degrees C	7.4	
1/19/2023	Lacamas Lake	LL-Lim2	3.900	I	SC	μS/cm	68.4	
1/19/2023	Lacamas Lake	LL-Lim2	3.900	I	DO	mg/L	10.15	
1/19/2023	Lacamas Lake	LL-Lim2	3.900	I	ORP	mV	177.9	
1/19/2023	Lacamas Lake	LL-Lim2	3.900	I	pH	standard units	6.35	
1/19/2023	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.3	
1/19/2023	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	4.2	
1/19/2023	Lacamas Lake	LL-Lim3	1.040	I	Temperature	degrees C	7.3	
1/19/2023	Lacamas Lake	LL-Lim3	1.040	I	SC	μS/cm	68.9	
1/19/2023	Lacamas Lake	LL-Lim3	1.040	I	DO	mg/L	10.48	
1/19/2023	Lacamas Lake	LL-Lim3	1.040	I	ORP	mV	161.3	
1/19/2023	Lacamas Lake	LL-Lim3	1.040	I	pH	standard units	6.46	
1/19/2023	Lacamas Lake	LL-Lim3	1.930	I	Temperature	degrees C	7.2	
1/19/2023	Lacamas Lake	LL-Lim3	1.930	I	SC	μS/cm	68.9	
1/19/2023	Lacamas Lake	LL-Lim3	1.930	I	DO	mg/L	10.43	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/19/2023	Lacamas Lake	LL-Lim3	1.930	I	ORP	mV	164.3	
1/19/2023	Lacamas Lake	LL-Lim3	1.930	I	pH	standard units	6.45	
1/19/2023	Lacamas Lake	LL-Lim3	2.970	I	Temperature	degrees C	7.2	
1/19/2023	Lacamas Lake	LL-Lim3	2.970	I	SC	μS/cm	69	
1/19/2023	Lacamas Lake	LL-Lim3	2.970	I	DO	mg/L	10.39	
1/19/2023	Lacamas Lake	LL-Lim3	2.970	I	ORP	mV	168.1	
1/19/2023	Lacamas Lake	LL-Lim3	2.970	I	pH	standard units	6.46	
1/19/2023	Lacamas Lake	LL-Lim3	4.040	I	Temperature	degrees C	7.2	
1/19/2023	Lacamas Lake	LL-Lim3	4.040	I	SC	μS/cm	69	
1/19/2023	Lacamas Lake	LL-Lim3	4.040	I	DO	mg/L	10.4	
1/19/2023	Lacamas Lake	LL-Lim3	4.040	I	ORP	mV	170.8	
1/19/2023	Lacamas Lake	LL-Lim3	4.040	I	pH	standard units	6.45	
1/19/2023	Lacamas Lake	LL-Lim3	5.010	M	Temperature	degrees C	7.2	
1/19/2023	Lacamas Lake	LL-Lim3	5.010	I	SC	μS/cm	69	
1/19/2023	Lacamas Lake	LL-Lim3	5.010	M	DO	mg/L	10.39	
1/19/2023	Lacamas Lake	LL-Lim3	5.010	M	ORP	mV	172.3	
1/19/2023	Lacamas Lake	LL-Lim3	5.010	M	pH	standard units	6.46	
1/19/2023	Lacamas Lake	LL-Lim3	5.990	I	Temperature	degrees C	7.1	
1/19/2023	Lacamas Lake	LL-Lim3	5.990	I	SC	μS/cm	69.1	
1/19/2023	Lacamas Lake	LL-Lim3	5.990	I	DO	mg/L	10.42	
1/19/2023	Lacamas Lake	LL-Lim3	5.990	I	ORP	mV	173.9	
1/19/2023	Lacamas Lake	LL-Lim3	5.990	I	pH	standard units	6.45	
1/19/2023	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	1.3	
1/19/2023	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	7.0	
1/18/2023	Round Lake	RL1	0.955	I	Temperature	degrees C	7.2	
1/18/2023	Round Lake	RL1	0.955	I	SC	μS/cm	79.5	
1/18/2023	Round Lake	RL1	0.955	I	DO	mg/L	10.87	
1/18/2023	Round Lake	RL1	0.955	I	ORP	mV	133.6	
1/18/2023	Round Lake	RL1	0.955	I	pH	standard units	6.55	
1/18/2023	Round Lake	RL1	2.040	I	Temperature	degrees C	7.1	
1/18/2023	Round Lake	RL1	2.040	I	SC	μS/cm	70	
1/18/2023	Round Lake	RL1	2.040	I	DO	mg/L	10.84	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/18/2023	Round Lake	RL1	2.040	I	ORP	mV	139.9	
1/18/2023	Round Lake	RL1	2.040	I	pH	standard units	6.38	
1/18/2023	Round Lake	RL1	3.071	I	Temperature	degrees C	7.1	
1/18/2023	Round Lake	RL1	3.071	I	SC	μS/cm	69.9	
1/18/2023	Round Lake	RL1	3.071	I	DO	mg/L	10.85	
1/18/2023	Round Lake	RL1	3.071	I	ORP	mV	143.8	
1/18/2023	Round Lake	RL1	3.071	I	pH	standard units	6.35	
1/18/2023	Round Lake	RL1	4.080	I	Temperature	degrees C	7.1	
1/18/2023	Round Lake	RL1	4.080	I	SC	μS/cm	69.6	
1/18/2023	Round Lake	RL1	4.080	I	DO	mg/L	10.87	
1/18/2023	Round Lake	RL1	4.080	I	ORP	mV	147.1	
1/18/2023	Round Lake	RL1	4.080	I	pH	standard units	6.32	
1/18/2023	Round Lake	RL1	5.060	I	Temperature	degrees C	7	
1/18/2023	Round Lake	RL1	5.060	I	SC	μS/cm	69.4	
1/18/2023	Round Lake	RL1	5.060	I	DO	mg/L	10.86	
1/18/2023	Round Lake	RL1	5.060	I	ORP	mV	150.2	
1/18/2023	Round Lake	RL1	5.060	I	pH	standard units	6.29	
1/18/2023	Round Lake	RL1	5.980	I	Temperature	degrees C	7	
1/18/2023	Round Lake	RL1	5.980	I	SC	μS/cm	69.2	
1/18/2023	Round Lake	RL1	5.980	I	DO	mg/L	10.86	
1/18/2023	Round Lake	RL1	5.980	I	ORP	mV	153.1	
1/18/2023	Round Lake	RL1	5.980	I	pH	standard units	6.27	
1/18/2023	Round Lake	RL1	6.950	I	Temperature	degrees C	6.9	
1/18/2023	Round Lake	RL1	6.950	I	SC	μS/cm	69.1	
1/18/2023	Round Lake	RL1	6.950	I	DO	mg/L	10.86	
1/18/2023	Round Lake	RL1	6.950	I	ORP	mV	155.7	
1/18/2023	Round Lake	RL1	6.950	I	pH	standard units	6.26	
1/18/2023	Round Lake	RL1	7.980	I	Temperature	degrees C	6.9	
1/18/2023	Round Lake	RL1	7.980	I	SC	μS/cm	68.9	
1/18/2023	Round Lake	RL1	7.980	I	DO	mg/L	10.86	
1/18/2023	Round Lake	RL1	7.980	I	ORP	mV	159.5	
1/18/2023	Round Lake	RL1	7.980	I	pH	standard units	6.23	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/18/2023	Round Lake	RL1	8.980	I	Temperature	degrees C	6.9	
1/18/2023	Round Lake	RL1	8.980	I	SC	µS/cm	68.8	
1/18/2023	Round Lake	RL1	8.980	I	DO	mg/L	10.85	
1/18/2023	Round Lake	RL1	8.980	I	ORP	mV	162.2	
1/18/2023	Round Lake	RL1	8.980	I	pH	standard units	6.22	
1/18/2023	Round Lake	RL1	9.980	I	Temperature	degrees C	6.9	
1/18/2023	Round Lake	RL1	9.980	I	SC	µS/cm	68.5	
1/18/2023	Round Lake	RL1	9.980	I	DO	mg/L	10.87	
1/18/2023	Round Lake	RL1	9.980	I	ORP	mV	164.5	
1/18/2023	Round Lake	RL1	9.980	I	pH	standard units	6.21	
1/18/2023	Round Lake	RL1	10.960	I	Temperature	degrees C	6.2	
1/18/2023	Round Lake	RL1	10.960	I	SC	µS/cm	66.1	
1/18/2023	Round Lake	RL1	10.960	I	DO	mg/L	10.42	
1/18/2023	Round Lake	RL1	10.960	I	ORP	mV	166.3	
1/18/2023	Round Lake	RL1	10.960	I	pH	standard units	6.17	
1/18/2023	Round Lake	RL1	11.930	I	Temperature	degrees C	5.8	
1/18/2023	Round Lake	RL1	11.930	I	SC	µS/cm	63.9	
1/18/2023	Round Lake	RL1	11.930	I	DO	mg/L	10.65	
1/18/2023	Round Lake	RL1	11.930	I	ORP	mV	167.8	
1/18/2023	Round Lake	RL1	11.930	I	pH	standard units	6.15	
1/18/2023	Round Lake	RL1	12.950	I	Temperature	degrees C	5.7	
1/18/2023	Round Lake	RL1	12.950	I	SC	µS/cm	64.1	
1/18/2023	Round Lake	RL1	12.950	I	DO	mg/L	8.81	
1/18/2023	Round Lake	RL1	12.950	I	ORP	mV	170.7	
1/18/2023	Round Lake	RL1	12.950	I	pH	standard units	6.03	
1/18/2023	Round Lake	RL1	NA	NA	Secchi Depth	m	1.25	
1/18/2023	Round Lake	RL1	NA	NA	Apparent Depth	m	14.1	
1/18/2023	Round Lake	RL-Lim1	0.997	I	Temperature	degrees C	7.3	
1/18/2023	Round Lake	RL-Lim1	0.997	I	SC	µS/cm	69.3	
1/18/2023	Round Lake	RL-Lim1	0.997	I	DO	mg/L	10.71	
1/18/2023	Round Lake	RL-Lim1	0.997	I	ORP	mV	170.1	
1/18/2023	Round Lake	RL-Lim1	0.997	I	pH	standard units	6.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
1/18/2023	Round Lake	RL-Lim1	2.024	I	Temperature	degrees C	7.3	
1/18/2023	Round Lake	RL-Lim1	2.024	I	SC	μS/cm	69.3	
1/18/2023	Round Lake	RL-Lim1	2.024	I	DO	mg/L	10.69	
1/18/2023	Round Lake	RL-Lim1	2.024	I	ORP	mV	170.2	
1/18/2023	Round Lake	RL-Lim1	2.024	I	pH	standard units	6.59	
1/18/2023	Round Lake	RL-Lim1	3.050	I	Temperature	degrees C	7.3	
1/18/2023	Round Lake	RL-Lim1	3.050	I	SC	μS/cm	69.3	
1/18/2023	Round Lake	RL-Lim1	3.050	I	DO	mg/L	10.67	
1/18/2023	Round Lake	RL-Lim1	3.050	I	ORP	mV	171.8	
1/18/2023	Round Lake	RL-Lim1	3.050	I	pH	standard units	6.59	
1/18/2023	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	1.2	
1/18/2023	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	3.9	
1/24/2023	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	6.7	
1/24/2023	Unnamed Creek	UC1	NA	NA	SC	μS/cm	69.7	
1/24/2023	Unnamed Creek	UC1	NA	NA	DO	mg/L	12.3	
1/24/2023	Unnamed Creek	UC1	NA	NA	pH	standard units	6.13	
1/24/2023	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	6.9	
1/24/2023	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	69.7	
1/24/2023	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	12.62	
1/24/2023	Lacamas Creek	LC-UD	NA	NA	pH	standard units	6.58	
1/24/2023	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	5.9	
1/24/2023	Dwyer Creek	DC1	NA	NA	SC	μS/cm	71.6	
1/24/2023	Dwyer Creek	DC1	NA	NA	DO	mg/L	11.17	
1/24/2023	Dwyer Creek	DC1	NA	NA	pH	standard units	5.66	
1/24/2023	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	7.1	
1/24/2023	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	73.6	
1/24/2023	Lacamas Creek	LC-G	NA	NA	DO	mg/L	11.33	
1/24/2023	Lacamas Creek	LC-G	NA	NA	pH	standard units	5.84	
1/24/2023	Currie Creek	CC1	NA	NA	Temperature	degrees C	7.1	
1/24/2023	Currie Creek	CC1	NA	NA	SC	μS/cm	53.7	
1/24/2023	Currie Creek	CC1	NA	NA	DO	mg/L	11.4	
1/24/2023	Currie Creek	CC1	NA	NA	pH	standard units	6.01	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
2/7/2023	Stormwater	RL-SW1	NA	NA	Temperature	degrees C	7.8	
2/7/2023	Stormwater	RL-SW1	NA	NA	SC	μS/cm	86	
2/7/2023	Stormwater	RL-SW1	NA	NA	pH	standard units	7.28	
2/7/2023	Stormwater	FL-SW1	NA	NA	Temperature	degrees C	8	
2/7/2023	Stormwater	FL-SW1	NA	NA	SC	μS/cm	107	
2/7/2023	Stormwater	FL-SW1	NA	NA	pH	standard units	7.37	
3/1/2023	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	4.9	
3/1/2023	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	73	
3/1/2023	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	14.89	
3/1/2023	Lacamas Creek	LC-UD	NA	NA	pH	standard units	7.61	
3/1/2023	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	4.4	
3/1/2023	Unnamed Creek	UC1	NA	NA	SC	μS/cm	65.7	
3/1/2023	Unnamed Creek	UC1	NA	NA	DO	mg/L	14.3	
3/1/2023	Unnamed Creek	UC1	NA	NA	pH	standard units	7.4	
3/1/2023	Currie Creek	CC1	NA	NA	Temperature	degrees C	5.1	
3/1/2023	Currie Creek	CC1	NA	NA	SC	μS/cm	49.7	
3/1/2023	Currie Creek	CC1	NA	NA	DO	mg/L	13.7	
3/1/2023	Currie Creek	CC1	NA	NA	pH	standard units	7.42	
3/1/2023	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	5.1	
3/1/2023	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	71.3	
3/1/2023	Lacamas Creek	LC-G	NA	NA	DO	mg/L	12.95	
3/1/2023	Lacamas Creek	LC-G	NA	NA	pH	standard units	7.02	
3/1/2023	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	4.3	
3/1/2023	Dwyer Creek	DC1	NA	NA	SC	μS/cm	45	
3/1/2023	Dwyer Creek	DC1	NA	NA	DO	mg/L	13.48	
3/1/2023	Dwyer Creek	DC1	NA	NA	pH	standard units	7.06	
3/22/2023	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	8.6	
3/22/2023	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	67.2	
3/22/2023	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	12.11	
3/22/2023	Lacamas Creek	LC-UD	NA	NA	pH	standard units	7.44	
3/22/2023	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	6.7	
3/22/2023	Unnamed Creek	UC1	NA	NA	SC	μS/cm	69.7	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
3/22/2023	Unnamed Creek	UC1	NA	NA	DO	mg/L	12.16	
3/22/2023	Unnamed Creek	UC1	NA	NA	pH	standard units	7.37	
3/22/2023	Currie Creek	CC1	NA	NA	Temperature	degrees C	6.9	
3/22/2023	Currie Creek	CC1	NA	NA	SC	μS/cm	50.1	
3/22/2023	Currie Creek	CC1	NA	NA	DO	mg/L	11.69	
3/22/2023	Currie Creek	CC1	NA	NA	pH	standard units	6.84	
3/22/2023	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	8.1	
3/22/2023	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	79.7	
3/22/2023	Lacamas Creek	LC-G	NA	NA	DO	mg/L	10.85	
3/22/2023	Lacamas Creek	LC-G	NA	NA	pH	standard units	6.95	
3/22/2023	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	8.1	
3/22/2023	Dwyer Creek	DC1	NA	NA	SC	μS/cm	68.6	
3/22/2023	Dwyer Creek	DC1	NA	NA	DO	mg/L	11.02	
3/22/2023	Dwyer Creek	DC1	NA	NA	pH	standard units	6.96	
3/23/2023	Stormwater	RL-SW1	NA	NA	Temperature	degrees C	9.2	
3/23/2023	Stormwater	RL-SW1	NA	NA	SC	μS/cm	89.4	
3/23/2023	Stormwater	RL-SW1	NA	NA	DO	mg/L	10.83	
3/23/2023	Stormwater	RL-SW1	NA	NA	pH	standard units	6.9	
3/23/2023	Stormwater	FL-SW1	NA	NA	Temperature	degrees C	7.9	
3/23/2023	Stormwater	FL-SW1	NA	NA	SC	μS/cm	123.3	
3/23/2023	Stormwater	FL-SW1	NA	NA	DO	mg/L	12.13	
3/23/2023	Stormwater	FL-SW1	NA	NA	pH	standard units	7.71	
4/18/2023	Lacamas Lake	LL1	1.000	M	Temperature	degrees C	9.4	
4/18/2023	Lacamas Lake	LL1	1.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL1	1.000	M	DO	mg/L	10.48	
4/18/2023	Lacamas Lake	LL1	1.000	M	ORP	mV	350.4	
4/18/2023	Lacamas Lake	LL1	1.000	M	pH	standard units	6.35	
4/18/2023	Lacamas Lake	LL1	2.000	M	Temperature	degrees C	9.4	
4/18/2023	Lacamas Lake	LL1	2.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL1	2.000	M	DO	mg/L	10.47	
4/18/2023	Lacamas Lake	LL1	2.000	M	ORP	mV	356.9	
4/18/2023	Lacamas Lake	LL1	2.000	M	pH	standard units	6.31	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL1	3.000	M	Temperature	degrees C	9.4	
4/18/2023	Lacamas Lake	LL1	3.000	M	SC	µS/cm	64	
4/18/2023	Lacamas Lake	LL1	3.000	M	DO	mg/L	10.47	
4/18/2023	Lacamas Lake	LL1	3.000	M	ORP	mV	358.4	
4/18/2023	Lacamas Lake	LL1	3.000	M	pH	standard units	6.35	
4/18/2023	Lacamas Lake	LL1	4.000	M	Temperature	degrees C	9.4	
4/18/2023	Lacamas Lake	LL1	4.000	M	SC	µS/cm	64	
4/18/2023	Lacamas Lake	LL1	4.000	M	DO	mg/L	10.46	
4/18/2023	Lacamas Lake	LL1	4.000	M	ORP	mV	359.7	
4/18/2023	Lacamas Lake	LL1	4.000	M	pH	standard units	6.38	
4/18/2023	Lacamas Lake	LL1	5.000	M	Temperature	degrees C	9.4	
4/18/2023	Lacamas Lake	LL1	5.000	M	SC	µS/cm	64	
4/18/2023	Lacamas Lake	LL1	5.000	M	DO	mg/L	10.46	
4/18/2023	Lacamas Lake	LL1	5.000	M	ORP	mV	364.9	
4/18/2023	Lacamas Lake	LL1	5.000	M	pH	standard units	6.34	
4/18/2023	Lacamas Lake	LL1	6.000	M	Temperature	degrees C	9.3	
4/18/2023	Lacamas Lake	LL1	6.000	M	SC	µS/cm	65	
4/18/2023	Lacamas Lake	LL1	6.000	M	DO	mg/L	10.44	
4/18/2023	Lacamas Lake	LL1	6.000	M	ORP	mV	366.5	
4/18/2023	Lacamas Lake	LL1	6.000	M	pH	standard units	6.37	
4/18/2023	Lacamas Lake	LL1	7.000	M	Temperature	degrees C	9.3	
4/18/2023	Lacamas Lake	LL1	7.000	M	SC	µS/cm	65	
4/18/2023	Lacamas Lake	LL1	7.000	M	DO	mg/L	10.44	
4/18/2023	Lacamas Lake	LL1	7.000	M	ORP	mV	366.5	
4/18/2023	Lacamas Lake	LL1	7.000	M	pH	standard units	6.37	
4/18/2023	Lacamas Lake	LL1	8.000	M	Temperature	degrees C	8.2	
4/18/2023	Lacamas Lake	LL1	8.000	M	SC	µS/cm	66	
4/18/2023	Lacamas Lake	LL1	8.000	M	DO	mg/L	9.51	
4/18/2023	Lacamas Lake	LL1	8.000	M	ORP	mV	373.4	
4/18/2023	Lacamas Lake	LL1	8.000	M	pH	standard units	6.22	
4/18/2023	Lacamas Lake	LL1	9.000	M	Temperature	degrees C	8.1	
4/18/2023	Lacamas Lake	LL1	9.000	M	SC	µS/cm	66	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL1	9.000	M	DO	mg/L	9.37	
4/18/2023	Lacamas Lake	LL1	9.000	M	ORP	mV	377.3	
4/18/2023	Lacamas Lake	LL1	9.000	M	pH	standard units	6.17	
4/18/2023	Lacamas Lake	LL1	10.000	M	Temperature	degrees C	8.1	
4/18/2023	Lacamas Lake	LL1	10.000	M	SC	μS/cm	65	
4/18/2023	Lacamas Lake	LL1	10.000	M	DO	mg/L	9.27	
4/18/2023	Lacamas Lake	LL1	10.000	M	ORP	mV	378.9	
4/18/2023	Lacamas Lake	LL1	10.000	M	pH	standard units	6.16	
4/18/2023	Lacamas Lake	LL1	11.000	M	Temperature	degrees C	8	
4/18/2023	Lacamas Lake	LL1	11.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL1	11.000	M	DO	mg/L	9.11	
4/18/2023	Lacamas Lake	LL1	11.000	M	ORP	mV	379.1	
4/18/2023	Lacamas Lake	LL1	11.000	M	pH	standard units	6.16	
4/18/2023	Lacamas Lake	LL1	12.000	M	Temperature	degrees C	7.8	
4/18/2023	Lacamas Lake	LL1	12.000	M	SC	μS/cm	65	
4/18/2023	Lacamas Lake	LL1	12.000	M	DO	mg/L	8.82	
4/18/2023	Lacamas Lake	LL1	12.000	M	ORP	mV	389.9	
4/18/2023	Lacamas Lake	LL1	12.000	M	pH	standard units	5.93	
4/18/2023	Lacamas Lake	LL1	13.000	M	Temperature	degrees C	7.6	
4/18/2023	Lacamas Lake	LL1	13.000	M	SC	μS/cm	67	
4/18/2023	Lacamas Lake	LL1	13.000	M	DO	mg/L	8.58	
4/18/2023	Lacamas Lake	LL1	13.000	M	ORP	mV	394.5	
4/18/2023	Lacamas Lake	LL1	13.000	M	pH	standard units	5.9	
4/18/2023	Lacamas Lake	LL1	14.000	M	Temperature	degrees C	7.4	
4/18/2023	Lacamas Lake	LL1	14.000	M	SC	μS/cm	69	
4/18/2023	Lacamas Lake	LL1	14.000	M	DO	mg/L	8.34	
4/18/2023	Lacamas Lake	LL1	14.000	M	ORP	mV	396.3	
4/18/2023	Lacamas Lake	LL1	14.000	M	pH	standard units	5.89	
4/18/2023	Lacamas Lake	LL1	15.000	M	Temperature	degrees C	7.4	
4/18/2023	Lacamas Lake	LL1	15.000	M	SC	μS/cm	69	
4/18/2023	Lacamas Lake	LL1	15.000	M	DO	mg/L	8.13	
4/18/2023	Lacamas Lake	LL1	15.000	M	ORP	mV	397.6	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL1	15.000	M	pH	standard units	5.87	
4/18/2023	Lacamas Lake	LL1	16.000	M	Temperature	degrees C	7.3	
4/18/2023	Lacamas Lake	LL1	16.000	M	SC	μS/cm	70	
4/18/2023	Lacamas Lake	LL1	16.000	M	DO	mg/L	7.55	
4/18/2023	Lacamas Lake	LL1	16.000	M	ORP	mV	399.2	
4/18/2023	Lacamas Lake	LL1	16.000	M	pH	standard units	5.82	
4/18/2023	Lacamas Lake	LL1	17.000	M	Temperature	degrees C	7.2	
4/18/2023	Lacamas Lake	LL1	17.000	M	SC	μS/cm	70	
4/18/2023	Lacamas Lake	LL1	17.000	M	DO	mg/L	6.76	
4/18/2023	Lacamas Lake	LL1	17.000	M	ORP	mV	400.6	
4/18/2023	Lacamas Lake	LL1	17.000	M	pH	standard units	5.76	
4/18/2023	Lacamas Lake	LL1	NA	NA	Secchi Depth	m	1.4	
4/18/2023	Lacamas Lake	LL1	NA	NA	Apparent Depth	m	17.7	
4/18/2023	Lacamas Lake	LL2	1.000	M	Temperature	degrees C	9.5	
4/18/2023	Lacamas Lake	LL2	1.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL2	1.000	M	DO	mg/L	10.52	
4/18/2023	Lacamas Lake	LL2	1.000	M	ORP	mV	358.6	
4/18/2023	Lacamas Lake	LL2	1.000	M	pH	standard units	6.16	
4/18/2023	Lacamas Lake	LL2	2.000	M	Temperature	degrees C	9.5	
4/18/2023	Lacamas Lake	LL2	2.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL2	2.000	M	DO	mg/L	10.51	
4/18/2023	Lacamas Lake	LL2	2.000	M	ORP	mV	356.5	
4/18/2023	Lacamas Lake	LL2	2.000	M	pH	standard units	6.31	
4/18/2023	Lacamas Lake	LL2	3.000	M	Temperature	degrees C	9.5	
4/18/2023	Lacamas Lake	LL2	3.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL2	3.000	M	DO	mg/L	10.51	
4/18/2023	Lacamas Lake	LL2	3.000	M	ORP	mV	352.3	
4/18/2023	Lacamas Lake	LL2	3.000	M	pH	standard units	6.45	
4/18/2023	Lacamas Lake	LL2	4.000	M	Temperature	degrees C	9.5	
4/18/2023	Lacamas Lake	LL2	4.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL2	4.000	M	DO	mg/L	10.49	
4/18/2023	Lacamas Lake	LL2	4.000	M	ORP	mV	350.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL2	4.000	M	pH	standard units	6.57	
4/18/2023	Lacamas Lake	LL2	5.000	M	Temperature	degrees C	9.1	
4/18/2023	Lacamas Lake	LL2	5.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL2	5.000	M	DO	mg/L	10.39	
4/18/2023	Lacamas Lake	LL2	5.000	M	ORP	mV	350.5	
4/18/2023	Lacamas Lake	LL2	5.000	M	pH	standard units	6.56	
4/18/2023	Lacamas Lake	LL2	NA	NA	Secchi Depth	m	1.4	
4/18/2023	Lacamas Lake	LL2	NA	NA	Apparent Depth	m	5.3	
4/18/2023	Lacamas Lake	LL-Lim1	1.000	M	Temperature	degrees C	9.2	
4/18/2023	Lacamas Lake	LL-Lim1	1.000	M	SC	μS/cm	65	
4/18/2023	Lacamas Lake	LL-Lim1	1.000	M	DO	mg/L	10.35	
4/18/2023	Lacamas Lake	LL-Lim1	1.000	M	ORP	mV	351.9	
4/18/2023	Lacamas Lake	LL-Lim1	1.000	M	pH	standard units	6.28	
4/18/2023	Lacamas Lake	LL-Lim1	2.000	M	Temperature	degrees C	9.1	
4/18/2023	Lacamas Lake	LL-Lim1	2.000	M	SC	μS/cm	65	
4/18/2023	Lacamas Lake	LL-Lim1	2.000	M	DO	mg/L	10.28	
4/18/2023	Lacamas Lake	LL-Lim1	2.000	M	ORP	mV	358.7	
4/18/2023	Lacamas Lake	LL-Lim1	2.000	M	pH	standard units	6.26	
4/18/2023	Lacamas Lake	LL-Lim1	3.000	M	Temperature	degrees C	9.1	
4/18/2023	Lacamas Lake	LL-Lim1	3.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim1	3.000	M	DO	mg/L	10.34	
4/18/2023	Lacamas Lake	LL-Lim1	3.000	M	ORP	mV	361.8	
4/18/2023	Lacamas Lake	LL-Lim1	3.000	M	pH	standard units	6.29	
4/18/2023	Lacamas Lake	LL-Lim1	4.000	M	Temperature	degrees C	9.1	
4/18/2023	Lacamas Lake	LL-Lim1	4.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim1	4.000	M	DO	mg/L	10.27	
4/18/2023	Lacamas Lake	LL-Lim1	4.000	M	ORP	mV	364.8	
4/18/2023	Lacamas Lake	LL-Lim1	4.000	M	pH	standard units	6.29	
4/18/2023	Lacamas Lake	LL-Lim1	5.000	M	Temperature	degrees C	8.9	
4/18/2023	Lacamas Lake	LL-Lim1	5.000	M	SC	μS/cm	67	
4/18/2023	Lacamas Lake	LL-Lim1	5.000	M	DO	mg/L	10.15	
4/18/2023	Lacamas Lake	LL-Lim1	5.000	M	ORP	mV	366.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL-Lim1	5.000	M	pH	standard units	6.27	
4/18/2023	Lacamas Lake	LL-Lim1	6.000	M	Temperature	degrees C	8.7	
4/18/2023	Lacamas Lake	LL-Lim1	6.000	M	SC	μS/cm	68	
4/18/2023	Lacamas Lake	LL-Lim1	6.000	M	DO	mg/L	9.71	
4/18/2023	Lacamas Lake	LL-Lim1	6.000	M	ORP	mV	372.2	
4/18/2023	Lacamas Lake	LL-Lim1	6.000	M	pH	standard units	6.21	
4/18/2023	Lacamas Lake	LL-Lim1	NA	NA	Secchi Depth	m	1.4	
4/18/2023	Lacamas Lake	LL-Lim1	NA	NA	Apparent Depth	m	6.1	
4/18/2023	Lacamas Lake	LL-Lim2	1.000	M	Temperature	degrees C	8.9	
4/18/2023	Lacamas Lake	LL-Lim2	1.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim2	1.000	M	DO	mg/L	10.01	
4/18/2023	Lacamas Lake	LL-Lim2	1.000	M	ORP	mV	320.8	
4/18/2023	Lacamas Lake	LL-Lim2	1.000	M	pH	standard units	6.26	
4/18/2023	Lacamas Lake	LL-Lim2	2.000	M	Temperature	degrees C	8.9	
4/18/2023	Lacamas Lake	LL-Lim2	2.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim2	2.000	M	DO	mg/L	9.97	
4/18/2023	Lacamas Lake	LL-Lim2	2.000	M	ORP	mV	332.1	
4/18/2023	Lacamas Lake	LL-Lim2	2.000	M	pH	standard units	6.25	
4/18/2023	Lacamas Lake	LL-Lim2	3.000	M	Temperature	degrees C	8.7	
4/18/2023	Lacamas Lake	LL-Lim2	3.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim2	3.000	M	DO	mg/L	9.72	
4/18/2023	Lacamas Lake	LL-Lim2	3.000	M	ORP	mV	340.2	
4/18/2023	Lacamas Lake	LL-Lim2	3.000	M	pH	standard units	6.22	
4/18/2023	Lacamas Lake	LL-Lim2	4.000	M	Temperature	degrees C	8.4	
4/18/2023	Lacamas Lake	LL-Lim2	4.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim2	4.000	M	DO	mg/L	9.24	
4/18/2023	Lacamas Lake	LL-Lim2	4.000	M	ORP	mV	346.5	
4/18/2023	Lacamas Lake	LL-Lim2	4.000	M	pH	standard units	6.16	
4/18/2023	Lacamas Lake	LL-Lim2	5.000	M	Temperature	degrees C	8.3	
4/18/2023	Lacamas Lake	LL-Lim2	5.000	M	SC	μS/cm	66	
4/18/2023	Lacamas Lake	LL-Lim2	5.000	M	DO	mg/L	9.13	
4/18/2023	Lacamas Lake	LL-Lim2	5.000	M	ORP	mV	350.7	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL-Lim2	5.000	M	pH	standard units	6.13	
4/18/2023	Lacamas Lake	LL-Lim2	NA	NA	Secchi Depth	m	1.3	
4/18/2023	Lacamas Lake	LL-Lim2	NA	NA	Apparent Depth	m	5.0	
4/18/2023	Lacamas Lake	LL-Lim3	1.000	M	Temperature	degrees C	9.1	
4/18/2023	Lacamas Lake	LL-Lim3	1.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	1.000	M	DO	mg/L	9.94	
4/18/2023	Lacamas Lake	LL-Lim3	1.000	M	ORP	mV	338.8	
4/18/2023	Lacamas Lake	LL-Lim3	1.000	M	pH	standard units	6.2	
4/18/2023	Lacamas Lake	LL-Lim3	2.000	M	Temperature	degrees C	9.0	
4/18/2023	Lacamas Lake	LL-Lim3	2.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	2.000	M	DO	mg/L	9.88	
4/18/2023	Lacamas Lake	LL-Lim3	2.000	M	ORP	mV	345.2	
4/18/2023	Lacamas Lake	LL-Lim3	2.000	M	pH	standard units	6.2	
4/18/2023	Lacamas Lake	LL-Lim3	3.000	M	Temperature	degrees C	8.9	
4/18/2023	Lacamas Lake	LL-Lim3	3.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	3.000	M	DO	mg/L	9.84	
4/18/2023	Lacamas Lake	LL-Lim3	3.000	M	ORP	mV	349.1	
4/18/2023	Lacamas Lake	LL-Lim3	3.000	M	pH	standard units	6.2	
4/18/2023	Lacamas Lake	LL-Lim3	4.000	M	Temperature	degrees C	8.9	
4/18/2023	Lacamas Lake	LL-Lim3	4.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	4.000	M	DO	mg/L	9.8	
4/18/2023	Lacamas Lake	LL-Lim3	4.000	M	ORP	mV	352.8	
4/18/2023	Lacamas Lake	LL-Lim3	4.000	M	pH	standard units	6.2	
4/18/2023	Lacamas Lake	LL-Lim3	5.000	M	Temperature	degrees C	8.8	
4/18/2023	Lacamas Lake	LL-Lim3	5.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	5.000	M	DO	mg/L	9.75	
4/18/2023	Lacamas Lake	LL-Lim3	5.000	M	ORP	mV	356.4	
4/18/2023	Lacamas Lake	LL-Lim3	5.000	M	pH	standard units	6.19	
4/18/2023	Lacamas Lake	LL-Lim3	6.000	M	Temperature	degrees C	8.8	
4/18/2023	Lacamas Lake	LL-Lim3	6.000	M	SC	μS/cm	64	
4/18/2023	Lacamas Lake	LL-Lim3	6.000	M	DO	mg/L	9.65	
4/18/2023	Lacamas Lake	LL-Lim3	6.000	M	ORP	mV	359.4	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/18/2023	Lacamas Lake	LL-Lim3	6.000	M	pH	standard units	6.18	
4/18/2023	Lacamas Lake	LL-Lim3	7.000	M	Temperature	degrees C	8.8	
4/18/2023	Lacamas Lake	LL-Lim3	7.000	M	SC	μS/cm	65	
4/18/2023	Lacamas Lake	LL-Lim3	7.000	M	DO	mg/L	8.93	
4/18/2023	Lacamas Lake	LL-Lim3	7.000	M	ORP	mV	235.5	
4/18/2023	Lacamas Lake	LL-Lim3	7.000	M	pH	standard units	6.17	
4/18/2023	Lacamas Lake	LL-Lim3	NA	NA	Secchi Depth	m	1.3	
4/18/2023	Lacamas Lake	LL-Lim3	NA	NA	Apparent Depth	m	7.0	
4/19/2023	Round Lake	RL1	1.000	M	Temperature	degrees C	9.4	
4/19/2023	Round Lake	RL1	1.000	M	SC	μS/cm	63	
4/19/2023	Round Lake	RL1	1.000	M	DO	mg/L	9.97	
4/19/2023	Round Lake	RL1	1.000	M	ORP	mV	340.6	
4/19/2023	Round Lake	RL1	1.000	M	pH	standard units	6.7	
4/19/2023	Round Lake	RL1	2.000	M	Temperature	degrees C	9.4	
4/19/2023	Round Lake	RL1	2.000	M	SC	μS/cm	63	
4/19/2023	Round Lake	RL1	2.000	M	DO	mg/L	9.93	
4/19/2023	Round Lake	RL1	2.000	M	ORP	mV	356.1	
4/19/2023	Round Lake	RL1	2.000	M	pH	standard units	6.7	
4/19/2023	Round Lake	RL1	3.000	M	Temperature	degrees C	9.3	
4/19/2023	Round Lake	RL1	3.000	M	SC	μS/cm	63.0	
4/19/2023	Round Lake	RL1	3.000	M	DO	mg/L	9.9	
4/19/2023	Round Lake	RL1	3.000	M	ORP	mV	368.8	
4/19/2023	Round Lake	RL1	3.000	M	pH	standard units	6.7	
4/19/2023	Round Lake	RL1	4.000	M	Temperature	degrees C	9.3	
4/19/2023	Round Lake	RL1	4.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	4.000	M	DO	mg/L	9.9	
4/19/2023	Round Lake	RL1	4.000	M	ORP	mV	375.3	
4/19/2023	Round Lake	RL1	4.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	5.000	M	Temperature	degrees C	9.3	
4/19/2023	Round Lake	RL1	5.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	5.000	M	DO	mg/L	9.7	
4/19/2023	Round Lake	RL1	5.000	M	ORP	mV	378.1	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/19/2023	Round Lake	RL1	5.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	6.000	M	Temperature	degrees C	9.2	
4/19/2023	Round Lake	RL1	6.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	6.000	M	DO	mg/L	9.7	
4/19/2023	Round Lake	RL1	6.000	M	ORP	mV	380.3	
4/19/2023	Round Lake	RL1	6.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	7.000	M	Temperature	degrees C	9.2	
4/19/2023	Round Lake	RL1	7.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	7.000	M	DO	mg/L	9.6	
4/19/2023	Round Lake	RL1	7.000	M	ORP	mV	383.5	
4/19/2023	Round Lake	RL1	7.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	8.000	M	Temperature	degrees C	9.2	
4/19/2023	Round Lake	RL1	8.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	8.000	M	DO	mg/L	9.5	
4/19/2023	Round Lake	RL1	8.000	M	ORP	mV	385.5	
4/19/2023	Round Lake	RL1	8.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	9.000	M	Temperature	degrees C	9.1	
4/19/2023	Round Lake	RL1	9.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	9.000	M	DO	mg/L	9.4	
4/19/2023	Round Lake	RL1	9.000	M	ORP	mV	386.4	
4/19/2023	Round Lake	RL1	9.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	10.000	M	Temperature	degrees C	9.1	
4/19/2023	Round Lake	RL1	10.000	M	SC	μS/cm	64.0	
4/19/2023	Round Lake	RL1	10.000	M	DO	mg/L	9.4	
4/19/2023	Round Lake	RL1	10.000	M	ORP	mV	387.7	
4/19/2023	Round Lake	RL1	10.000	M	pH	standard units	6.6	
4/19/2023	Round Lake	RL1	11.000	M	Temperature	degrees C	9.0	
4/19/2023	Round Lake	RL1	11.000	M	SC	μS/cm	65.0	
4/19/2023	Round Lake	RL1	11.000	M	DO	mg/L	9.3	
4/19/2023	Round Lake	RL1	11.000	M	ORP	mV	389.0	
4/19/2023	Round Lake	RL1	11.000	M	pH	standard units	6.5	
4/19/2023	Round Lake	RL1	12.000	M	Temperature	degrees C	8.9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/19/2023	Round Lake	RL1	12.000	M	SC	μS/cm	66.0	
4/19/2023	Round Lake	RL1	12.000	M	DO	mg/L	9.0	
4/19/2023	Round Lake	RL1	12.000	M	ORP	mV	391.0	
4/19/2023	Round Lake	RL1	12.000	M	pH	standard units	6.5	
4/19/2023	Round Lake	RL1	13.000	M	Temperature	degrees C	8.3	
4/19/2023	Round Lake	RL1	13.000	M	SC	μS/cm	70.0	
4/19/2023	Round Lake	RL1	13.000	M	DO	mg/L	7.9	
4/19/2023	Round Lake	RL1	13.000	M	ORP	mV	394.3	
4/19/2023	Round Lake	RL1	13.000	M	pH	standard units	6.4	
4/19/2023	Round Lake	RL1	14.000	M	Temperature	degrees C	6.7	
4/19/2023	Round Lake	RL1	14.000	M	SC	μS/cm	84.0	
4/19/2023	Round Lake	RL1	14.000	M	DO	mg/L	3.3	
4/19/2023	Round Lake	RL1	14.000	M	ORP	mV	399.1	
4/19/2023	Round Lake	RL1	14.000	M	pH	standard units	6.3	
4/19/2023	Round Lake	RL1	NA	NA	Secchi Depth	m	1.4	
4/19/2023	Round Lake	RL1	NA	NA	Apparent Depth	m	14.4	
4/19/2023	Round Lake	RL-Lim1	1.000	M	Temperature	degrees C	9	
4/19/2023	Round Lake	RL-Lim1	1.000	M	SC	μS/cm	65	
4/19/2023	Round Lake	RL-Lim1	1.000	M	DO	mg/L	9.91	
4/19/2023	Round Lake	RL-Lim1	1.000	M	ORP	mV	357.9	
4/19/2023	Round Lake	RL-Lim1	1.000	M	pH	standard units	6.45	
4/19/2023	Round Lake	RL-Lim1	2.000	M	Temperature	degrees C	9	
4/19/2023	Round Lake	RL-Lim1	2.000	M	SC	μS/cm	65	
4/19/2023	Round Lake	RL-Lim1	2.000	M	DO	mg/L	9.87	
4/19/2023	Round Lake	RL-Lim1	2.000	M	ORP	mV	361.6	
4/19/2023	Round Lake	RL-Lim1	2.000	M	pH	standard units	6.39	
4/19/2023	Round Lake	RL-Lim1	3.000	M	Temperature	degrees C	9	
4/19/2023	Round Lake	RL-Lim1	3.000	M	SC	μS/cm	65	
4/19/2023	Round Lake	RL-Lim1	3.000	M	DO	mg/L	9.85	
4/19/2023	Round Lake	RL-Lim1	3.000	M	ORP	mV	368.3	
4/19/2023	Round Lake	RL-Lim1	3.000	M	pH	standard units	6.39	
4/19/2023	Round Lake	RL-Lim1	4.000	M	Temperature	degrees C	9	

Field Measurements

Date	Site Name	Location ID	Depth (m)	Depth by instrument or manual?	Parameter	Units	Result	Data Flag*
4/19/2023	Round Lake	RL-Lim1	4.000	M	SC	μS/cm	65	
4/19/2023	Round Lake	RL-Lim1	4.000	M	DO	mg/L	9.84	
4/19/2023	Round Lake	RL-Lim1	4.000	M	ORP	mV	371.9	
4/19/2023	Round Lake	RL-Lim1	4.000	M	pH	standard units	6.38	
4/19/2023	Round Lake	RL-Lim1	NA	NA	Secchi Depth	m	1.2	
4/19/2023	Round Lake	RL-Lim1	NA	NA	Apparent Depth	m	4.1	
4/20/2023	Lacamas Creek	LC-UD	NA	NA	Temperature	degrees C	9.1	
4/20/2023	Lacamas Creek	LC-UD	NA	NA	SC	μS/cm	65	
4/20/2023	Lacamas Creek	LC-UD	NA	NA	DO	mg/L	11.38	
4/20/2023	Lacamas Creek	LC-UD	NA	NA	pH	standard units	5.82	
4/20/2023	Unnamed Creek	UC1	NA	NA	Temperature	degrees C	6.5	
4/20/2023	Unnamed Creek	UC1	NA	NA	SC	μS/cm	71	
4/20/2023	Unnamed Creek	UC1	NA	NA	DO	mg/L	11.79	
4/20/2023	Unnamed Creek	UC1	NA	NA	pH	standard units	6.35	
4/20/2023	Currie Creek	CC1	NA	NA	Temperature	degrees C	7	
4/20/2023	Currie Creek	CC1	NA	NA	SC	μS/cm	50	
4/20/2023	Currie Creek	CC1	NA	NA	DO	mg/L	11.34	
4/20/2023	Currie Creek	CC1	NA	NA	pH	standard units	5.95	
4/20/2023	Lacamas Creek	LC-G	NA	NA	Temperature	degrees C	6.9	
4/20/2023	Lacamas Creek	LC-G	NA	NA	SC	μS/cm	70	
4/20/2023	Lacamas Creek	LC-G	NA	NA	DO	mg/L	11.18	
4/20/2023	Lacamas Creek	LC-G	NA	NA	pH	standard units	6.02	
4/20/2023	Dwyer Creek	DC1	NA	NA	Temperature	degrees C	7.5	
4/20/2023	Dwyer Creek	DC1	NA	NA	SC	μS/cm	77	
4/20/2023	Dwyer Creek	DC1	NA	NA	DO	mg/L	11.36	
4/20/2023	Dwyer Creek	DC1	NA	NA	pH	standard units	6.07	

***Data Flag Key**

J = estimated - assigned if probe was not stabilizing sufficiently, or if it failed on another reading later the same day
X = rejected (values not included in table)

Appendix B-3

DRAFT

Sediment Concentration Data

Sample	Date Collected	Method	Basis	Units	Component	Reporting	Detection	Result	Result Notes
						Limit	Limit		
LL2	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	34	7	990	=
LL1	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	50	10	1760	=
LL-Sed7	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	39	8	1060	=
LL-Sed6	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	52	11	1360	=
LL-lim1	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	49	10	1320	=
LL-lim1-DUP	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	52	11	1300	=
LL-lim2	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	37	8	566	=
LL-lim3	3/23/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	34	7	1020	=
RL-lim1	3/24/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	16	4	665	=
RL1	3/24/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	53	11	2080	=
FLL1	3/24/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	92	19	3040	=
FLL-Sed2	3/24/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	58	12	1390	=
FLL1-DUP	3/24/2023	365.3M	Dry	mg/Kg	Phosphorus, Total	96	20	3040	=
LL2	3/23/2023	160.3 Modified	As Received	%	Solids, Total			22.2	=
LL1	3/23/2023	160.3 Modified	As Received	%	Solids, Total			15.4	=
LL-Sed7	3/23/2023	160.3 Modified	As Received	%	Solids, Total			19.7	=
LL-Sed6	3/23/2023	160.3 Modified	As Received	%	Solids, Total			15	=
LL-lim1	3/23/2023	160.3 Modified	As Received	%	Solids, Total			14.1	=
LL-lim1-DUP	3/23/2023	160.3 Modified	As Received	%	Solids, Total			13.9	=
LL-lim2	3/23/2023	160.3 Modified	As Received	%	Solids, Total			9	=
LL-lim3	3/23/2023	160.3 Modified	As Received	%	Solids, Total			13.2	=
RL-lim1	3/24/2023	160.3 Modified	As Received	%	Solids, Total			48.6	=
RL1	3/24/2023	160.3 Modified	As Received	%	Solids, Total			13.5	=
FLL1	3/24/2023	160.3 Modified	As Received	%	Solids, Total			19.3	=
FLL-Sed2	3/24/2023	160.3 Modified	As Received	%	Solids, Total			13.5	=
FLL1-DUP	3/24/2023	160.3 Modified	As Received	%	Solids, Total			19.3	=
LL2	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		78.8	=
LL1	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		82.1	=
LL-Sed7	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		84.5	=
LL-Sed6	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		82	=
LL-lim1	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		82.1	=
LL-lim1-DUP	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		81.7	=

Sediment Concentration Data

Sample	Date Collected	Method	Basis	Units	Component	Reporting	Detection	Result	Result Notes
						Limit	Limit		
LL-lim2	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		48.2	=
LL-lim3	3/23/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		78.6	=
RL-lim1	3/24/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		90.4	=
RL1	3/24/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		81.7	=
FLL1	3/24/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		84.2	=
FLL-Sed2	3/24/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		81.1	=
FLL1-DUP	3/24/2023	160.4 Modified	Dry	%	Solids, Total Fixed	0.01		84.3	=
LL2	3/23/2023	ASTM D2216	As Received	%	Water			351.1	=
LL1	3/23/2023	ASTM D2216	As Received	%	Water			551.2	=
LL-Sed7	3/23/2023	ASTM D2216	As Received	%	Water			407.2	=
LL-Sed6	3/23/2023	ASTM D2216	As Received	%	Water			565	=
LL-lim1	3/23/2023	ASTM D2216	As Received	%	Water			610.7	=
LL-lim1-DUP	3/23/2023	ASTM D2216	As Received	%	Water			618.8	=
LL-lim2	3/23/2023	ASTM D2216	As Received	%	Water			1015.8	=
LL-lim3	3/23/2023	ASTM D2216	As Received	%	Water			719.7	=
RL-lim1	3/24/2023	ASTM D2216	As Received	%	Water			106	=
RL1	3/24/2023	ASTM D2216	As Received	%	Water			639.1	=
FLL1	3/24/2023	ASTM D2216	As Received	%	Water			417.8	=
FLL-Sed2	3/24/2023	ASTM D2216	As Received	%	Water			639	=
FLL1-DUP	3/24/2023	ASTM D2216	As Received	%	Water			419.2	=

Sediment Fractionation Data

Total Phosphorous Summary Table				Determining mg/kg				
Sample ID	P Fraction	P (mg/L)	MRL (mg/L)	Volume Used for Testing (L)	P in sample (mg)	Dry weight of Sample (g)	P per g sample (mg/g)	mg/kg
LL1	Saloid Bound	0.142	0.02	0.1	0.0142	2	0.0071	7.1
LL2	Saloid Bound	0.167	0.02	0.1	0.0167	2	0.0084	8.4
RL1	Saloid Bound	0.060	0.02	0.1	0.0060	2	0.0030	3.0
FLL1	Saloid Bound	0.067	0.02	0.1	0.0067	2	0.0034	3.4
LL1	Aluminum Bound	2.450	0.20	0.1	0.2450	2	0.1225	122.5
LL2	Aluminum Bound	1.340	0.10	0.1	0.1340	2	0.0670	67.0
RL1	Aluminum Bound	4.940	0.20	0.1	0.4940	2	0.2470	247.0
FLL1	Aluminum Bound	1.240	0.10	0.1	0.1240	2	0.0620	62.0
LL1	Iron Bound	22.600	1.00	0.1	2.2600	2	1.1300	1130.0
LL2	Iron Bound	12.400	0.50	0.1	1.2400	2	0.6200	620.0
RL1	Iron Bound	23.700	1.00	0.1	2.3700	2	1.1850	1185.0
FLL1	Iron Bound	47.100	2.00	0.1	4.7100	2	2.3550	2355.0

Notes:

According to the pH checks performed at the lab "Samples did not pH properly after adding reagent."

Method used: SM 4500-P E

Actual volumes were a little higher than 0.1L since the sample sent for analysis contained 100mL extraction reagent + liquid from the sample itself. True volumes not known but are for certain no more than an additional 25mL since max capacity of sample bottle was 125mL. All samples did not reach or exceed max capacity of the sample bottle.

Appendix B-4

Phytoplankton Speciation Data

DRAFT

Geosyntec WA Reservoir Algae 2022

Taxonomy Report



SiteID	TimeCol	DateCol	FinalTaxon	Division	Natural Units	Cells	Cells / Unit	Natural Units / Sample	Cells / Sample
LLI-0.5	9:57	8/16/2022	Aphanizomenon flos-aquae	Cyanobacteria	3	53	17.67	12671.53	223863.64
LLI-0.5	9:57	8/16/2022	Aphanocapsa elachista	Cyanobacteria	13	3240	249.23	54909.95	13685248.71
LLI-0.5	9:57	8/16/2022	Aulacoseira spp.	Bacillariophyta	8	101	12.63	33790.74	426608.06
LLI-0.5	9:57	8/16/2022	Ceratium hirundinella	Miozoa	1	1	1.00	4223.84	4223.84
LLI-0.5	9:57	8/16/2022	Coelastrum reticulatum	Chlorophyta	2	32	16.00	8447.68	135162.95
LLI-0.5	9:57	8/16/2022	Cryptomonas curvata	Cryptophyta	29	29	1.00	122491.42	122491.42
LLI-0.5	9:57	8/16/2022	Cryptomonas pyrenoidifera	Cryptophyta	2	2	1.00	8447.68	8447.68
LLI-0.5	9:57	8/16/2022	Cryptomonas tetrapyrenoidosa	Cryptophyta	34	34	1.00	143610.63	143610.63
LLI-0.5	9:57	8/16/2022	Dictyosphaerium pulchellum	Chlorophyta	1	4	4.00	4223.84	16895.37
LLI-0.5	9:57	8/16/2022	Dinobryon bavaricum	Ochrophyta	1	1	1.00	4223.84	4223.84
LLI-0.5	9:57	8/16/2022	Discostella sp.	Bacillariophyta	69	69	1.00	291445.11	291445.11
LLI-0.5	9:57	8/16/2022	Dolichospermum macrosporum	Cyanobacteria	37	1172	31.68	156282.16	4950343.05
LLI-0.5	9:57	8/16/2022	Elakatothrix gelatinosa	Charophyta	1	4	4.00	4223.84	16895.37
LLI-0.5	9:57	8/16/2022	Fragilaria crotonensis	Bacillariophyta	1	3	3.00	4223.84	12671.53
LLI-0.5	9:57	8/16/2022	Microcystis aeruginosa	Cyanobacteria	2	200	100.00	8447.68	844768.44
LLI-0.5	9:57	8/16/2022	Microcystis flos-aquae	Cyanobacteria	1	600	600.00	4223.84	2534305.32
LLI-0.5	9:57	8/16/2022	Ochromonas sp.	Ochrophyta	4	4	1.00	16895.37	16895.37
LLI-0.5	9:57	8/16/2022	Oocystis sp.	Chlorophyta	1	2	2.00	4223.84	8447.68
LLI-0.5	9:57	8/16/2022	Pediastrum simplex var. biwaense	Chlorophyta	1	32	32.00	4223.84	135162.95
LLI-0.5	9:57	8/16/2022	Plagioselmis nannoplanctica	Cryptophyta	29	29	1.00	122491.42	122491.42
LLI-0.5	9:57	8/16/2022	Sphaerocystis sp.	Chlorophyta	48	590	12.29	202744.43	2492066.90
LLI-0.5	9:57	8/16/2022	Staurastrum sp.	Charophyta	1	1	1.00	4223.84	4223.84
LLI-0.5	9:57	8/16/2022	Unknown Alga 1		1	1	1.00	4223.84	4223.84
LLI-0.5	9:57	8/16/2022	Unknown Pennate Diatom spp		8	9	1.13	33790.74	38014.58
LLI-0.5	9:57	8/16/2022	Urosolenia eriensis	Bacillariophyta	2	2	1.00	8447.68	8447.68
RLI-0.5	12:36	8/17/2022	Aphanizomenon flos-aquae	Cyanobacteria	3	60	20.00	5694.89	113897.84
RLI-0.5	12:36	8/17/2022	Aphanocapsa elachista	Cyanobacteria	23	4160	180.87	43660.84	7896916.71
RLI-0.5	12:36	8/17/2022	Aulacoseira spp.	Bacillariophyta	4	66	16.50	7593.19	125287.62
RLI-0.5	12:36	8/17/2022	Ceratium hirundinella	Miozoa	1	1	1.00	1898.30	1898.30
RLI-0.5	12:36	8/17/2022	Chrysochromulina parva	Haptophyta	38	38	1.00	72135.30	72135.30
RLI-0.5	12:36	8/17/2022	Cryptomonas curvata	Cryptophyta	2	2	1.00	3796.59	3796.59

Phytoplankton Speciation Data

SiteID	TimeCol	DateCol	FinalTaxon	Division	Natural				
					Natural Units	Cells	Cells / Unit	Natural Units / Sample	Cells / Sample
RLI-0.5	12:36	8/17/2022	Cryptomonas pyrenoidifera	Cryptophyta	11	11	1.00	20881.27	20881.27
RLI-0.5	12:36	8/17/2022	Cryptomonas tetrapyrenoidosa	Cryptophyta	9	9	1.00	17084.68	17084.68
RLI-0.5	12:36	8/17/2022	Dinobryon bavaricum	Ochrophyta	1	1	1.00	1898.30	1898.30
RLI-0.5	12:36	8/17/2022	Discostella sp.	Bacillariophyta	4	4	1.00	7593.19	7593.19
RLI-0.5	12:36	8/17/2022	Dolichospermum macrosporum	Cyanobacteria	58	2708	46.69	110101.24	5140589.05
RLI-0.5	12:36	8/17/2022	Dolichospermum sp.	Cyanobacteria	3	33	11.00	5694.89	62643.81
RLI-0.5	12:36	8/17/2022	Katablepharis ovalis	Katablepharidophyta	1	1	1.00	1898.30	1898.30
RLI-0.5	12:36	8/17/2022	Merismopedia tenuissima	Cyanobacteria	1	20	20.00	1898.30	37965.95
RLI-0.5	12:36	8/17/2022	Microcystis flos-aquae	Cyanobacteria	2	54	27.00	3796.59	102508.05
RLI-0.5	12:36	8/17/2022	Ochromonas sp.	Ochrophyta	10	10	1.00	18982.97	18982.97
RLI-0.5	12:36	8/17/2022	Plagioselmis nannoplanctica	Cryptophyta	22	22	1.00	41762.54	41762.54
RLI-0.5	12:36	8/17/2022	Schroederia setigera	Chlorophyta	3	3	1.00	5694.89	5694.89
RLI-0.5	12:36	8/17/2022	Sphaerocystis sp.	Chlorophyta	21	250	11.90	39864.24	474574.32
RLI-0.5	12:36	8/17/2022	Staurastrum sp.	Charophyta	1	1	1.00	1898.30	1898.30
RLI-0.5	12:36	8/17/2022	Unknown Cyanophyte (coccoid) sp.	Cyanophyta	81	95	1.17	153762.08	180338.24
RLI-0.5	12:36	8/17/2022	Unknown Pennate Diatom spp		1	1	1.00	1898.30	1898.30
FLLI-0.5	9:41	8/17/2022	Actinotaenium sp.	Charophyta	19	19	1.00	93151.09	93151.09
FLLI-0.5	9:41	8/17/2022	Ankyra sp.	Chlorophyta	2	2	1.00	9805.38	9805.38
FLLI-0.5	9:41	8/17/2022	Cosmarium sp.	Charophyta	101	101	1.00	495171.59	495171.59
FLLI-0.5	9:41	8/17/2022	Cryptomonas pyrenoidifera	Cryptophyta	1	1	1.00	4902.69	4902.69
FLLI-0.5	9:41	8/17/2022	Cryptomonas sp.	Cryptophyta	4	4	1.00	19610.76	19610.76
FLLI-0.5	9:41	8/17/2022	Cryptomonas tetrapyrenoidosa	Cryptophyta	4	4	1.00	19610.76	19610.76
FLLI-0.5	9:41	8/17/2022	Dinobryon cylindricum	Ochrophyta	4	19	4.75	19610.76	93151.09
FLLI-0.5	9:41	8/17/2022	Discostella sp.	Bacillariophyta	2	2	1.00	9805.38	9805.38
FLLI-0.5	9:41	8/17/2022	Dolichospermum macrosporum	Cyanobacteria	4	38	9.50	19610.76	186302.18
FLLI-0.5	9:41	8/17/2022	Katablepharis ovalis	Katablepharidophyta	2	2	1.00	9805.38	9805.38
FLLI-0.5	9:41	8/17/2022	Ochromonas sp.	Ochrophyta	134	134	1.00	656960.33	656960.33
FLLI-0.5	9:41	8/17/2022	Plagioselmis nannoplanctica	Cryptophyta	2	2	1.00	9805.38	9805.38
FLLI-0.5	9:41	8/17/2022	Sphaerocystis sp.	Chlorophyta	4	29	7.25	19610.76	142177.98
FLLI-0.5	9:41	8/17/2022	Trachelomonas cervicula	Euglenophyta	6	6	1.00	29416.13	29416.13
FLLI-0.5	9:41	8/17/2022	Trachelomonas rugulosa	Euglenophyta	4	4	1.00	19610.76	19610.76
FLLI-0.5	9:41	8/17/2022	Unknown Chrysophyte sp.	Chrysophyta	7	7	1.00	34318.82	34318.82

Appendix C: Aquatic Vegetation Survey Report

Final

LACAMAS AND ROUND LAKES

Aquatic Vegetation Survey Report

Prepared for
Geosyntec Consultants

June 2023



Final

LACAMAS AND ROUND LAKES

Aquatic Vegetation Survey Report

Prepared for
Geosyntec Consultants

June 2023

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LACAMAS AND ROUND LAKES

Aquatic Vegetation Survey Report

Introduction

As part of the Lacamas, Round, and Fallen Leaf Lakes Cyanobacteria Management Plan development for the City of Camas¹ Environmental Science Associates (ESA) conducted aquatic vegetation surveys. Surveys were conducted during May 2023 at Lacamas and Round Lakes. Follow up observations at Lacamas Lake were conducted during June 2023. Fallen Leaf Lake was not surveyed as it was recently surveyed (Clark County, 2021²).

Methods

Watercraft-based aquatic vegetation surveys were conducted for Lacamas and Round Lakes on May 9 and 10, 2023. Protocols followed the point-intercept method specified in Ecology's Aquatic Plant Sampling Protocols guidance document (Parsons, 2001³). The littoral zone of each lake was divided into 50 x 50 m grids and a subset of the grid points were selected as sample points. The littoral zone sample frame was defined as 35 ft (10.5 m) below full pool to cover all possible areas where submerged aquatic plants could grow. Sidescan sonar imagery and visual observations were monitored while navigating between sample points. Sidescan sonar was collected with a Humminbird Helix 7 MSI GPS G4 sonar equipped with an XNT 9 HW MSI 150 T transducer. Follow up observation were conducted at the southern end of Lacamas Lake on June 27, 2023 to confirm observations from the May survey.

At each sample point, grab samples were collected by lowering a double-sided thatch rake attached to a graduated aluminum pole vertically to the sediment, turning the rake 360°, retrieving the sample, identifying plants to species, and recording the depth. Each species on a rake sample was assigned a semi-quantitative density rating from 1 to 4 which corresponds to sparse to very dense on the plant rake, respectively⁴. Plants were identified to species or lowest taxonomic level possible according to Hitchcock and Cronquist (2018⁵). Grab sample point depth, location, and density rating were recorded using ArcGIS Field Maps application on a field tablet equipped with

¹ Geosyntec Consultants (2022). Lacamas, Round, and Fallen Leaf Lakes Cyanobacteria Management Plan, Quality Assurance Project Plan, Final, prepared by Geosyntec Consultants on behalf of the City of Camas.

² Clark County Public Works (2021). Fallen Leaf Lake Baseline Monitoring Report. Clean Water Division for the City of Camas, WA.

³ Parsons, J. (2001). Aquatic Plant Sampling Protocols. Washington State Department of Ecology Publication No. 01-03-017. Available from <https://apps.ecology.wa.gov/publications/documents/0103017.pdf>

⁴ Madsen, J.D. and R.M. Wersal. 2017. A review of aquatic plant monitoring and assessment methods. *Journal of Aquatic Plant Management* 55:1-12.

⁵ Hitchcock, C.L., and A. Cronquist (2018). *Flora of the Pacific Northwest, an Illustrated Manual*, 2nd Edition. University of Washington Press in association with Burke Museum of Natural History and Culture.

sub-meter horizontal accuracy EOS Arrow GNSS receiver. ArcGIS Pro was used for map generation.

Results

Thatch rake sampling was conducted at 42 sites within the littoral zone of Round Lake on May 9, 2023 (Figure 1). No submerged or floating leaf aquatic plants were detected at any of the sites using the thatch rake or visual sampling methods. Sidescan sonar images (Figure 2) indicated a lack of submerged aquatic plants with a bare sediment surface punctuated with occasional logs and other large woody debris.

Sampling was conducted at 36 sites within the littoral zone of Lacamas Lake on May 10, 2023 (Figure 1). Aquatic plants were present at 10 of the sites at low densities. Rocky mountain pond-lily (*Nuphar polysepala*) was the most common aquatic plant species in the survey and was present at moderate densities in large patches (Table 1). The largest pond-lily patch was in a ~20-acre bay at the mid-eastern portion of the lake. The Washington State Class C noxious weeds fragrant waterlily (*Nymphaea odorata*) and curlyleaf pondweed (*Potamogeton crispus*) were present at one site among the largest patch of pond-lily. Additional pond-lily patches were present at the north and southwestern edges of the lake. The Washington State Class B noxious weed Brazilian waterweed (*Egeria densa*) was present at low density at one site at the southern end of the lake along with the native species common hornwort (*Ceratophyllum demersum*) and Canadian waterweed (*Elodea canadensis*). The only other species detected, water-starwort (*Callitriche* sp.), was present at two sites. Water-starwort was not identified to species due to the lack of mature identifying features. As with Round Lake, sidescan sonar images of Lacamas Lake indicated few aquatic plants with a bare sediment surface and occasional logs and woody debris.

Discussion

The mostly bare sediment and just seven aquatic plant species detected in 2023 was somewhat surprising, but similar to the results of a 2017 Washington Department of Ecology (WADOE) survey⁶ (WADOE 2017). During the 2017 survey eight species were recorded at low densities (Table 1). Prior WADOE surveys⁶ (1997, 1999, 2004, and 2009) found a more diverse plant assemblage ranging from 9 to 13 species per survey, and at least one species present in large monospecific patches. Canadian waterweed was widespread and dense during the 1997, 2008, and 2009 surveys and rare during the 2017 and 2023 surveys. Brazilian elodea was widespread and dense during the 1997, 1999, and 2004 surveys, less abundant during 2008 and 2009, and rare during 2017 and 2023. Rocky Mountain pond-lily is the only species with a relatively stable density over the period for which survey data is available.

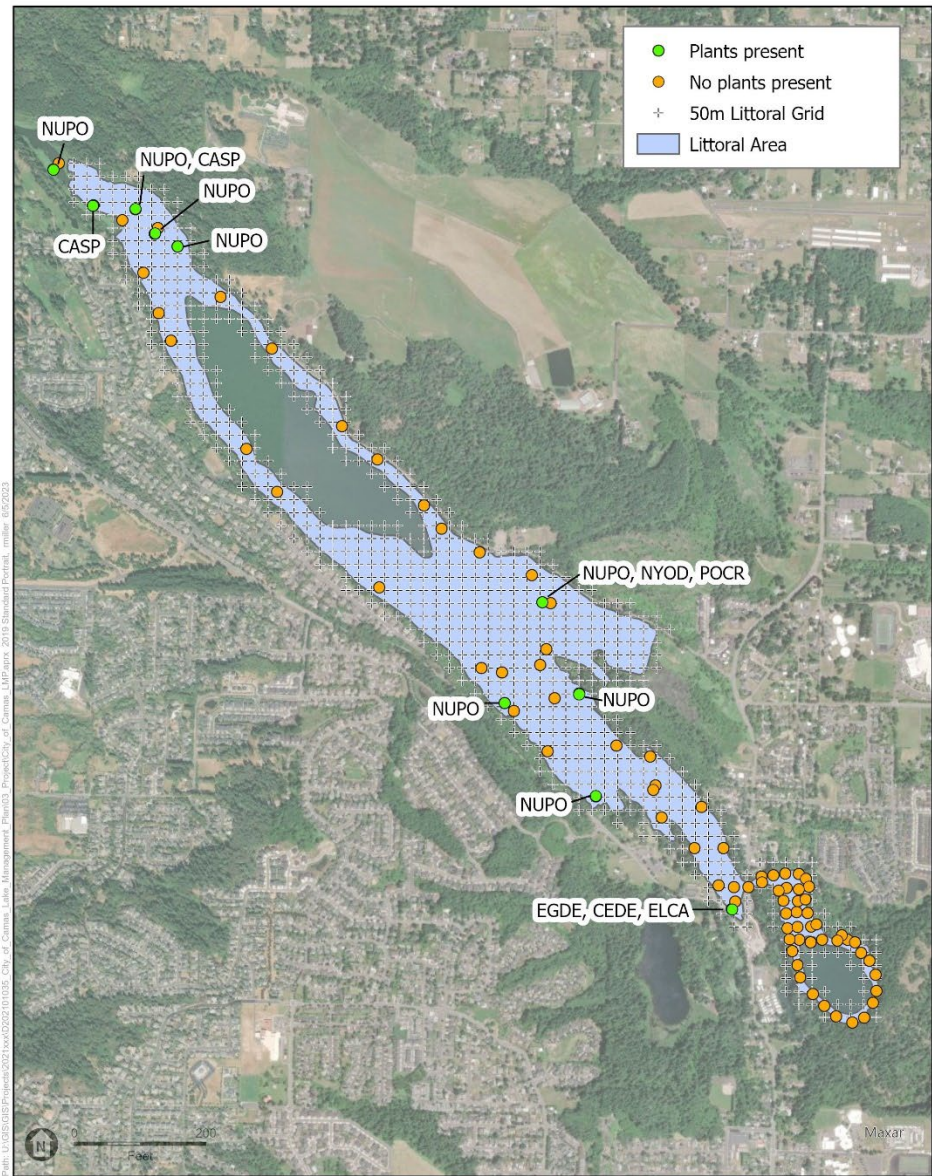
Several factors likely contributed to the very sparse coverage including the annual fall dewatering of shallow sediments for dam maintenance (Figure 3, Figure 4), and poor water clarity due to dense algal blooms limiting the amount of light available for submerged plant growth. Median daily average Secchi disc transparency in Lacamas Lake over eight sampling events from June 1, 2022, to April 19, 2022, was only 1.2 m across all five monitoring sites. The same median daily

⁶ Washington Department of Ecology (2023). Lakes Environmental Data. <https://apps.ecology.wa.gov/lakes/#>

transparency was calculated using only the four littoral sampling sites. Round Lake median daily average Secchi disc transparency at two monitoring sites was marginally better at 1.3 m, and only 1.2 m when just including the littoral site (Geosyntec, unpublished data).

One other contributing factor for sparse aquatic plants was the sampling schedule. The surveys were intended to be conducted during the late summer of 2022, however, a dense and highly toxigenic cyanobacteria bloom prevented safe access to the lakes until the spring of 2023. Although May is early in the season for maximum aquatic macrophyte biomass, immature submerged aquatic plants should have been detectable at this time.

To confirm the low density of aquatic plants, a follow up survey was conducted on June 28 at the southern end of Lacamas Lake using sidescan sonar and rake grabs. Sonar images indicated large areas of bare sediment, scattered woody debris, and small areas with submerged aquatic vegetation (Figure 5). Grab samples collected from three sites within the submerged aquatic vegetation beds consisted of sparse Brazilian waterweed and lesser amounts of Canadian waterweed. Bare sediment areas identified from the sidescan imagery were confirmed as bare sediment with grab samples.



SOURCE: ESA, 2023

City of Camas Lake Management Plan D202101035

Figure 1
Lacamas and Round Lake littoral area aquatic plant survey
May 9-10, 2023



D202101035.00 – Lacamas and Round Lakes Aquatic Vegetation Survey Report

Figure 1
May 9-10, 2023, Lacamas and Round Lake aquatic plant survey results. Species detected were *Nuphar polysepala* (NUPO), *Nymphaea odorata* (NYOD), *Egeria densa* (EGDE), *Ceratophyllum demersum* (CEDE), *Elodea canadensis* (ELCA), *Potamogeton crispus* (POCR), and *Callitriche* species (CASP).

TABLE 1.
DISTRIBUTION VALUES^A OF AQUATIC PLANT SPECIES DETECTED AT LACAMAS LAKE DURING THE MAY 10, 2023, AND PRIOR WADOE SURVEYS⁶.

Species name	Common name	Status ^B	Type ^C	9/9/92	9/3/97	6/17/99	9/16/04	8/30/08	8/24/09	6/26/17	6/18/19	5/10/23
<i>Nuphar polysepala</i>	Rocky Mountain pond-lily	native	FLR		2	2	3	3	3	2	P	3
<i>Nymphaea odorata</i>	fragrant waterlily	Class C	FLR					1		2	P	2
<i>Callitriche sp.</i>	water starwort	unknown	SAV							1		1
<i>Ceratophyllum demersum</i>	common hornwort	native	SAV		2	2	3	2	2			1
<i>Egeria densa</i>	Brazilian elodea	Class B	SAV	P	3	4	5	3	3	1		1
<i>Elodea canadensis</i>	Canadian waterweed	native	SAV		4	2	2	4				1
<i>Potamogeton crispus</i>	curly leaf pondweed	Class C	SAV					2	3	1	P	1
<i>Brasenia schreberi</i>	watershield	native	FLR		2							
<i>Callitriche stagnalis</i>	pond water starwort	non-native	SAV			1						
<i>Chara sp.</i>	muskwort	native	SAV					1				
<i>Elodea sp.</i>	waterweed	native	SAV						5	1		
<i>Lemna minor</i>	common duckweed	native	FLU			1						
<i>Lemna sp.</i>	duckweed	native	FLU				2	1	2	1		
<i>Najas flexilis</i>	common naiad	native	SAV		1			2				
<i>Najas sp.</i>	water nymph	native	SAV						2			
<i>Nitella sp.</i>	stonewort	native	SAV			1			2			
<i>Potamogeton amplifolius</i>	big-leaf pondweed	native	SAV		4	3	3	1				
<i>Potamogeton epihydrus</i>	ribbon leaf pondweed	native	SAV			1			1			
<i>Potamogeton foliosus</i>	leafy pondweed	native	SAV					3				
<i>Potamogeton illinoensis</i>	Illinois pondweed	native	SAV			2						
<i>Potamogeton natans</i>	floating leaf pondweed	native	FLR		1		1		1			
<i>Potamogeton robbinsii</i>	fern leaf pondweed	native	SAV		2	2	1					
<i>Potamogeton sp.</i>	pondweed	native	SAV		2		2	2	2			
<i>Spirodela polyrrhiza</i>	great duckweed	native	FLU						1			
<i>Stuckenia pectinata</i>	sago pondweed	native	SAV					2	2	1	P	

^APlant density estimate: 1 – few plants at one or a few locations, 2 – few plants with wide patchy distribution, 3 – large patches codominant with other plants, 4 – nearly monospecific patches, dominant, 5 – thick growth at the exclusion of other species, P – present with no density estimate. ^BWashington State Noxious Weed List status. ^CFloating leaf rooted (FLR), floating leaf unrooted (FLU), submerged aquatic vegetation (SAV).

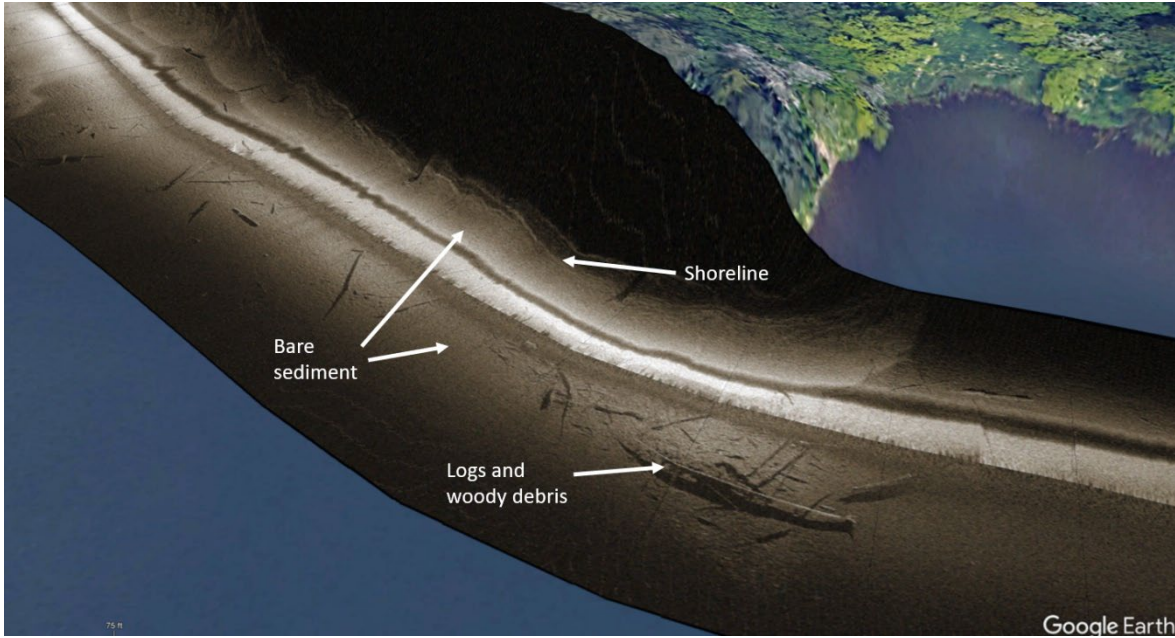


Figure 2
Sidescan sonar image from May 9, 2023, showing bare sediment and large woody debris along the northwestern shore of Round Lake.



Figure 3
Lacamas Lake on September 25, 2021, showing bare sediment and Rocky Mountain pond-lily during the annual lake drawdown. Photo courtesy of Rob Annear.

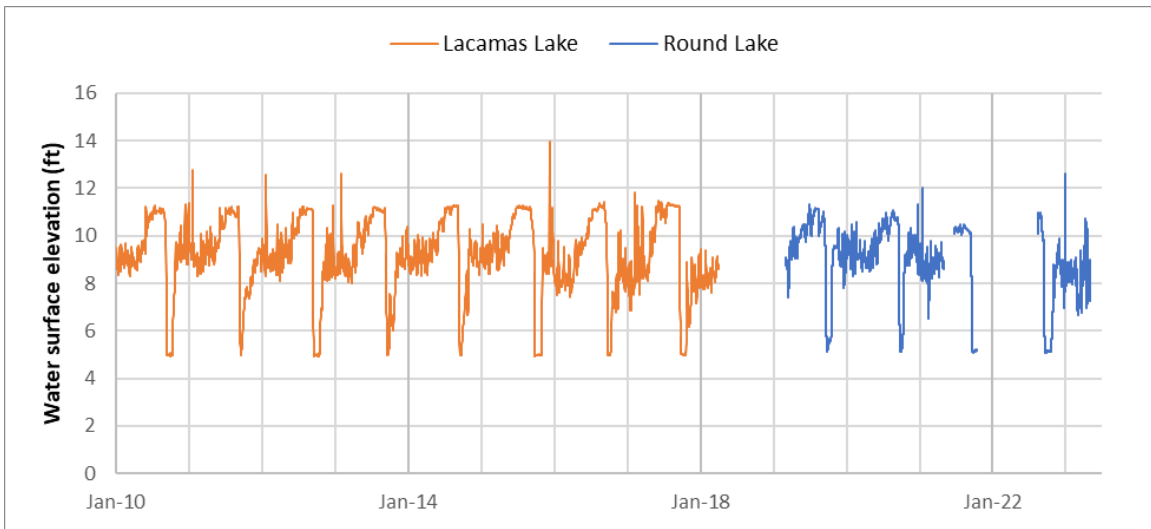


Figure 4
Water surface elevation of Lacamas Lake and Round Lake. Data provided by Georgia-Pacific (2010-2018) and the City of Camas (2019-2023).

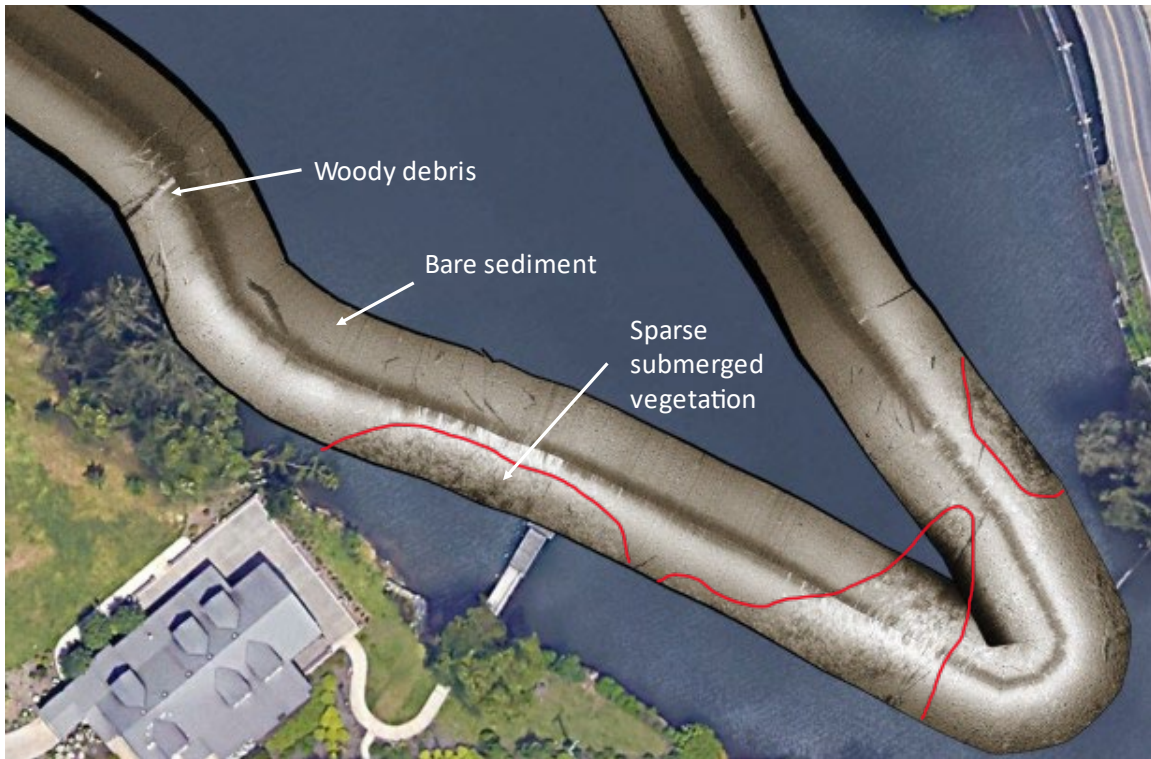


Figure 5
Sidescan sonar image from June 27, 2023, showing sparse submerged aquatic vegetation beds (red outlined areas), bare sediment, and woody debris at the southern end of Lacamas Lake.



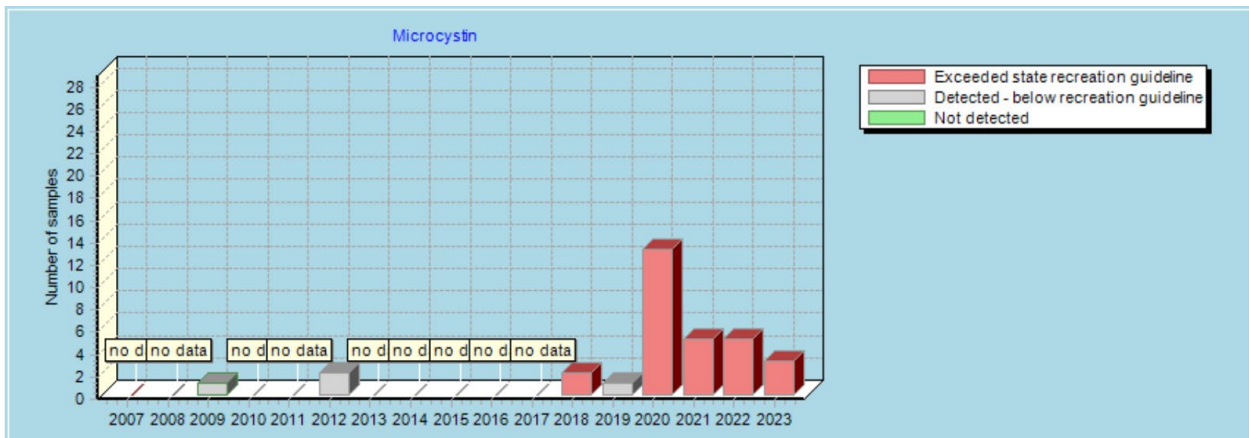
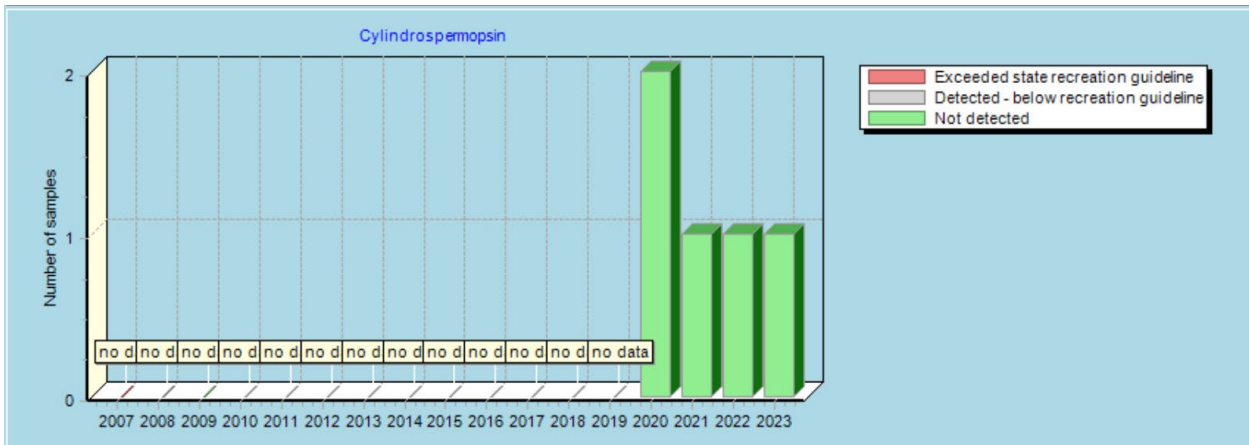
Figure 6
Grab sample collected from a submerged aquatic plant bed at the southern end of Lacamas Lake on June 27, 2023. This was the densest sample collected and was composed of Brazilian waterweed.

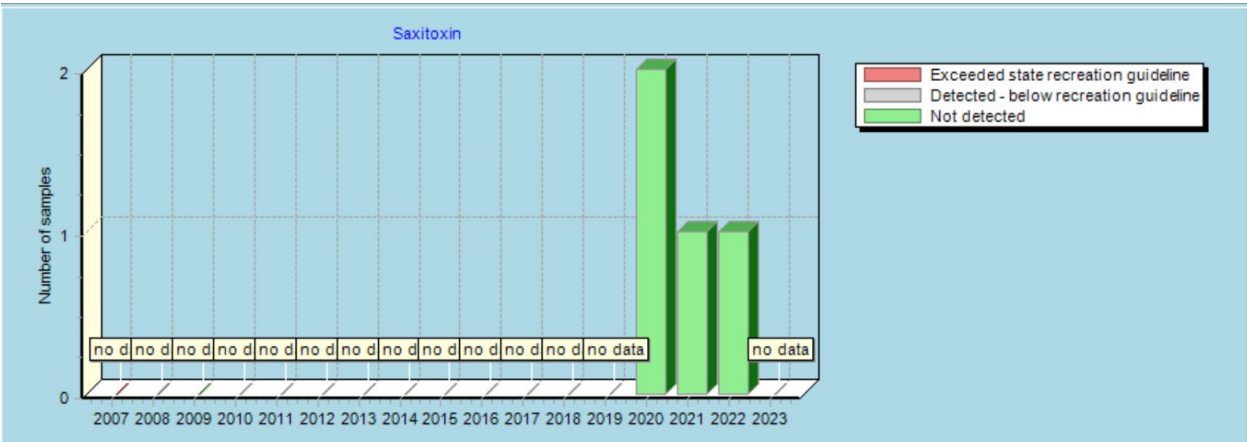
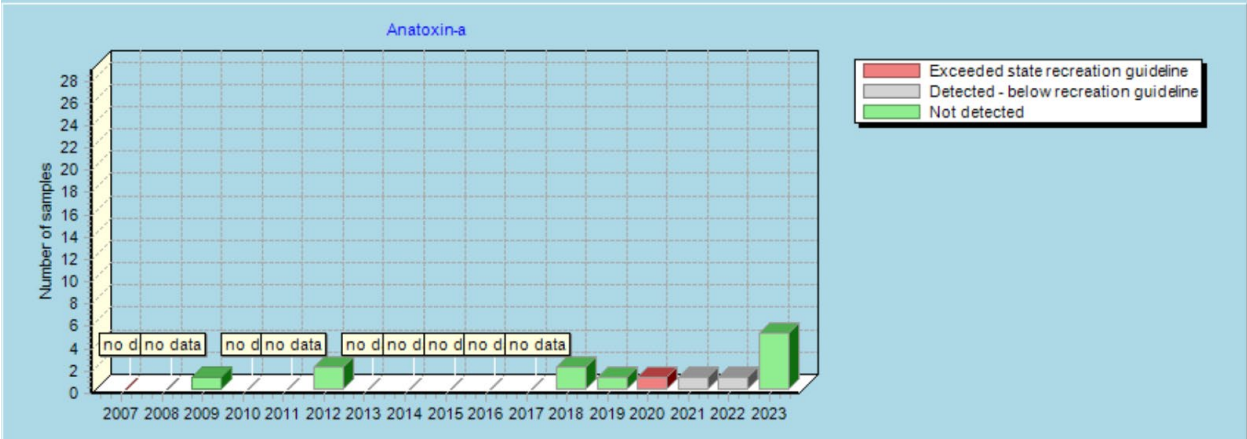
Appendix D: Washington State Toxic Algae Freshwater Bloom and Citizen Science Data

WASHINGTON STATE TOXIC ALGAE FRESHWATER ALGAE BLOOM

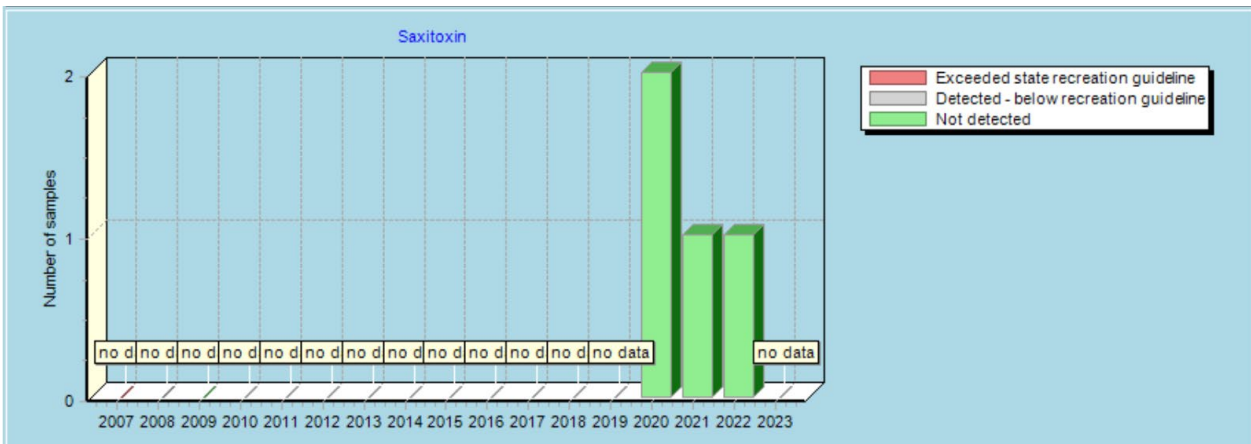
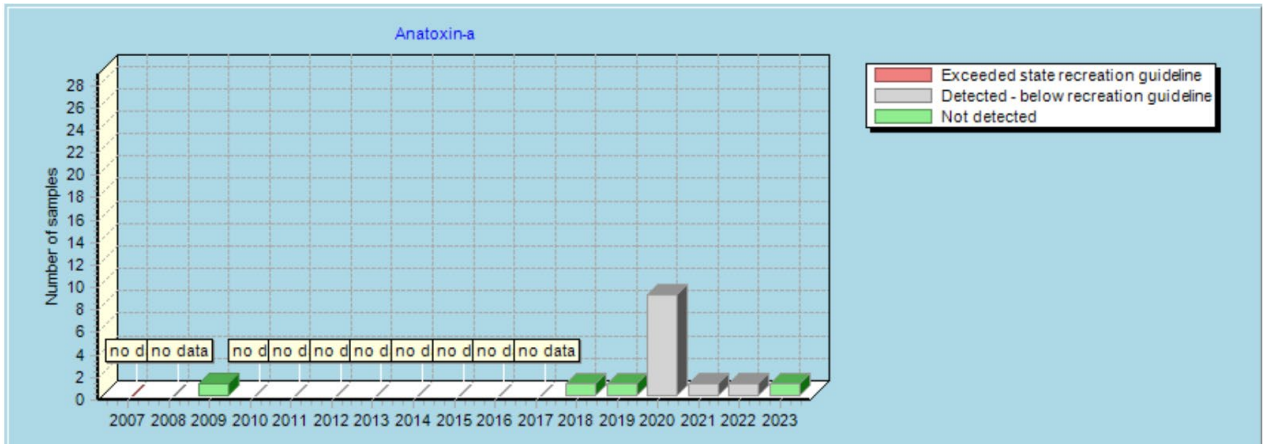
MONITORING PROGRAM DATA

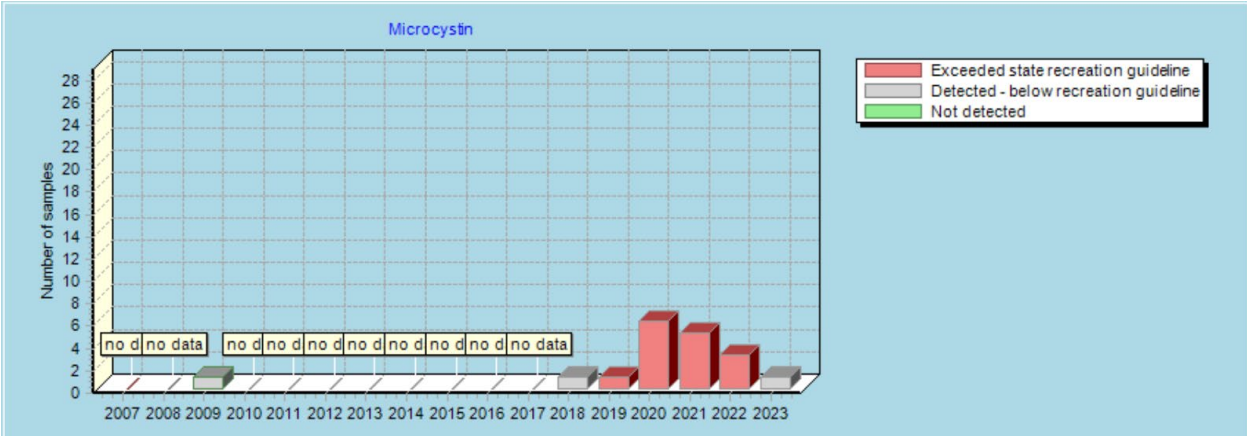
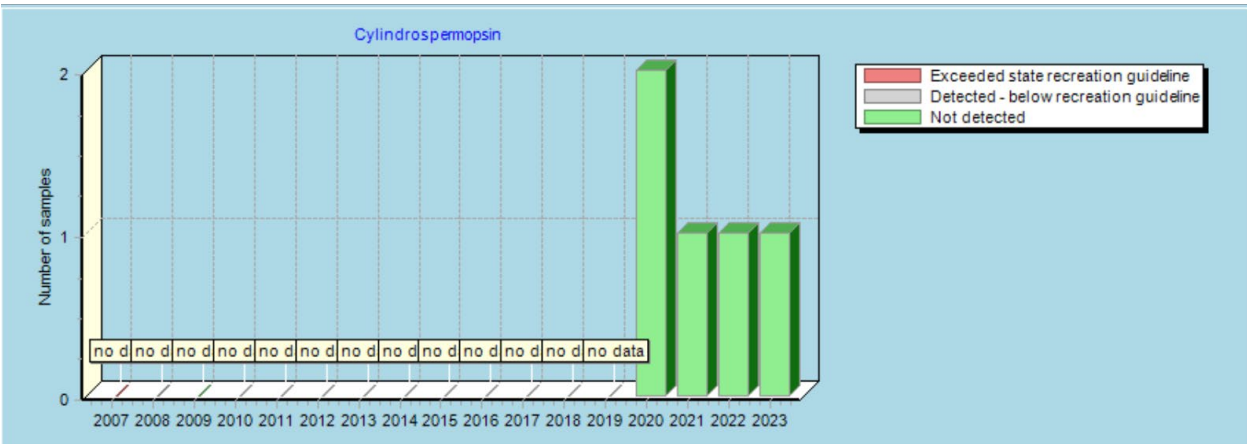
Lacamas Lake



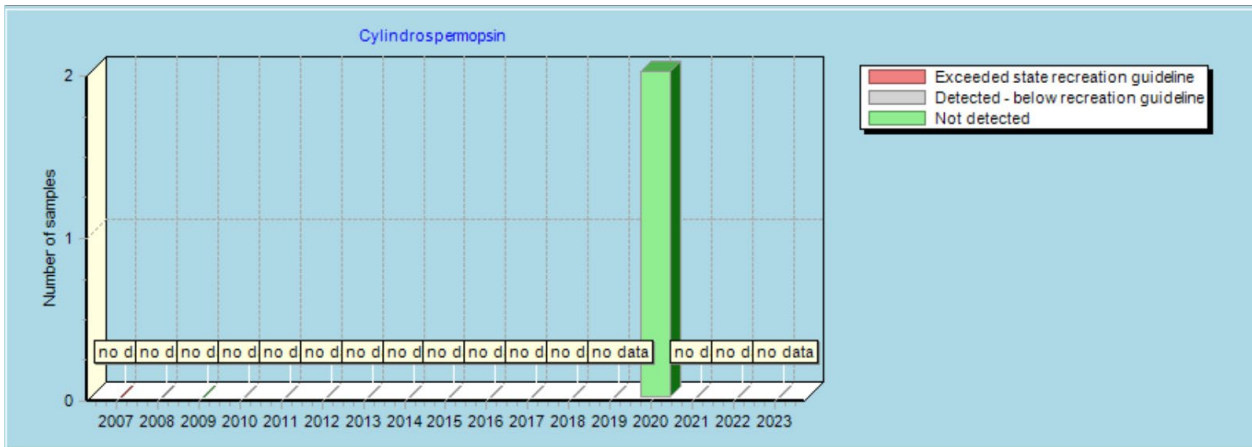
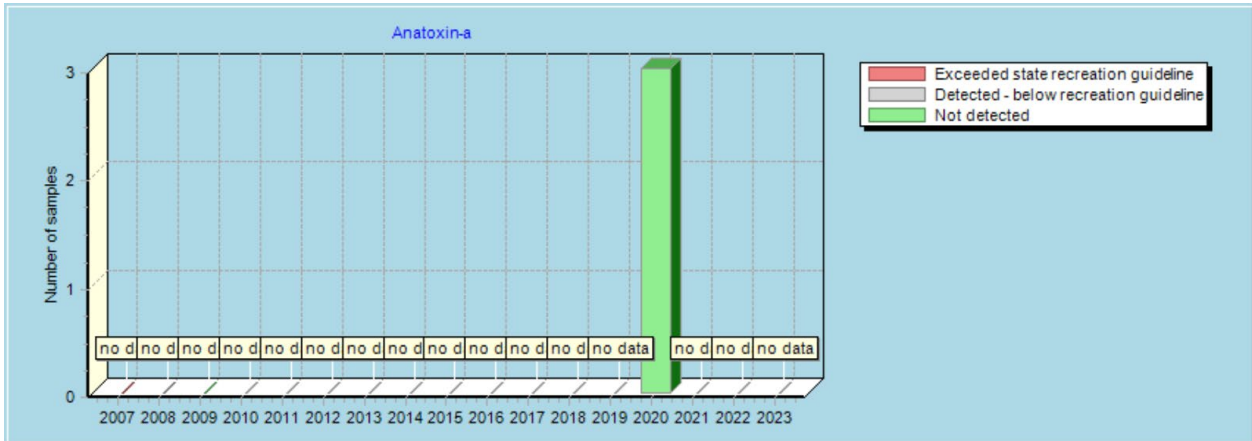


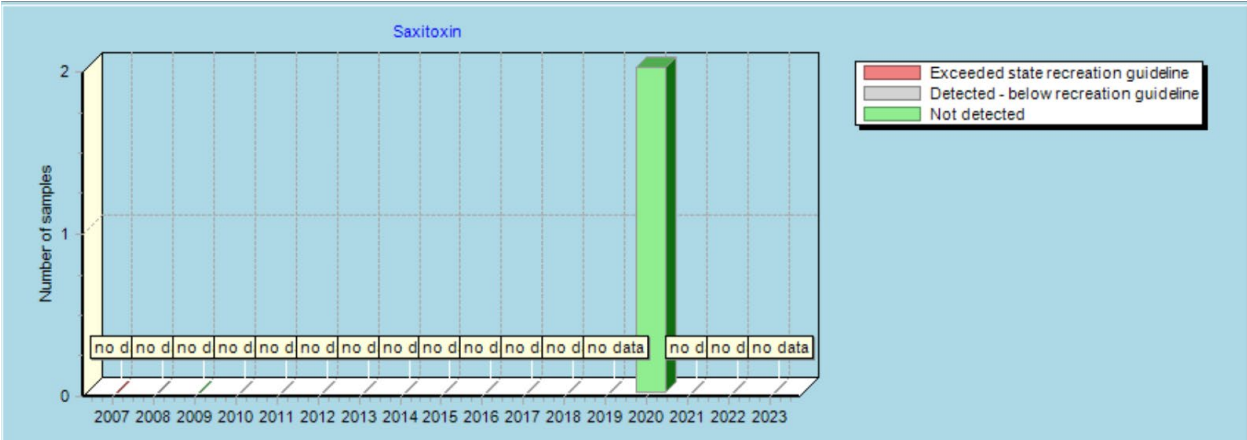
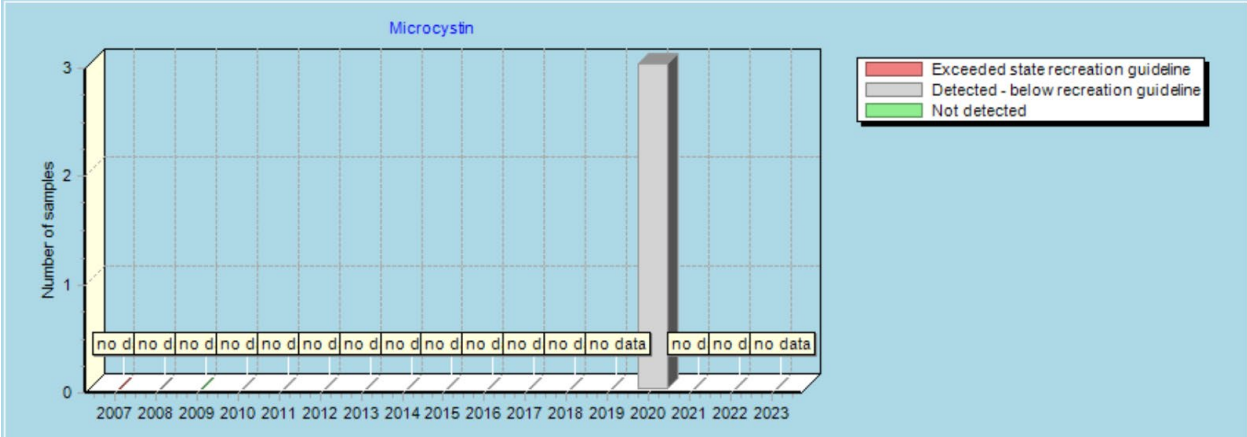
Round Lake





Fallen Leaf Lake





Lacamas Watershed Council Phytoplankton Monitoring Network Citizen Science Data

Lacamas Lake

Sample Date	Sample Time	Your Sampling Site	Weather	Water Temperature (°C)	pH (6.2-8.5)	Dissolved Oxygen (ppm, 5.8 to 7.8)	Aphanizomenon spp.	Dolichospermum spp.	Microcystis spp.	Planktothrix spp. spp.	Raphidiopsis spp.
5/6/2021	9:57:00 AM	Site #2 - Heritage Park	Mostly Cloudy	16.3	9.01	7.5	No	No	No	No	No
5/13/2021	2:27:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	22.8		9.0058	No	No	No	No	No
5/14/2021	2:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	20.5	8.8	10	No	No	No	No	No
5/21/2021	9:30:00 AM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	14	8.7	8	No	Yes	No	No	No
5/21/2021	1:20:00 AM	Site #2 - Heritage Park	Mostly Cloudy	16.3	8.78	5.9	No	No	No	No	No
5/20/2021	1:00:00 AM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	16.6	9.2	8	No	No	Yes	No	No
5/27/2021	12:08:00 PM	Site #1 - East Boat Ramp	Cloudy	17.6	9.2	7.1	No	No	No	No	No
5/27/2021	5:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	16	8.8	10	No	No	No	No	No
5/27/2021	1:50:00 PM	Site #2 - Heritage Park	Sunny	17.4	8.7	6	No	No	No	No	No
6/3/2021	1:37:00 PM	Site #1 - East Boat Ramp	Sunny	25	9.1	7.1	No	No	No	No	No
6/3/2021	2:45:00 PM	Site #2 - Heritage Park	Sunny	23.7	9.4	6.7	No	No	No	No	No
6/3/2021	3:05:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	24	9.7	8.8	No	No	No	No	No
6/10/2021	11:25:00 AM	Site #1 - East Boat Ramp	Cloudy	18.8	9.1	7.5	No	No	No	No	No
6/10/2021	5:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy	19.4	8.81	6.8	No	Yes	No	No	No
6/17/2021	1:43:00 PM	Site #1 - East Boat Ramp	Sunny	23.4	7.9	8.3	No	No	No	No	No
6/17/2021	5:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	23.1	8.6	5.2	No	No	No	No	No
6/17/2021	10:15:00 AM	Site #2 - Heritage Park	Sunny	20.1	8.8	6.2	No	No	No	No	No
6/24/2021	3:30:00 PM	Site #1 - East Boat Ramp	Sunny	26.4	8.44	11.2	No	No	No	No	No
6/24/2021	3:14:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	26.4	8.59	9	No	No	No	No	No
6/24/2021	12:45:00 PM	Site #2 - Heritage Park	Sunny	24.2	9.02	6.2	No	No	Yes	No	No
7/1/2021	1:45:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	26.8	9.3	9	No	No	No	No	No
7/1/2021	2:10:00 PM	Site #1 - East Boat Ramp	Cloudy	25	8.9	9.7	No	No	No	No	No
7/3/2021	11:45:00 AM	Site #2 - Heritage Park	Mostly Cloudy	24	9.06	3.6	No	No	No	No	No
7/8/2021	5:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	25.1	8.5	5.2	Yes	Yes	No	No	Yes
7/8/2021	3:42:00 PM	Site #1 - East Boat Ramp	Sunny	26	9	9.5	No	Yes	No	No	No
7/9/2021	1:00:00 PM	Site #2 - Heritage Park	Sunny	23.6	8.8	3.2	No	Yes	No	No	No
7/15/2021	2:34:00 PM	Site #1 - East Boat Ramp	Sunny	25	8.9	10.3	No	No	No	No	No
7/15/2021	1:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	24.2	8.7	5.6	No	No	No	No	No
7/15/2021	1516	Site #2 - Heritage Park		23.8	8.8	10.9					
7/22/2021	1:55:00 PM	Site #1 - East Boat Ramp	Sunny	25.8	9.2	11.5	No	No	No	No	No
7/22/2021	3:19:00 PM	Site #2 - Heritage Park	Sunny	25.6	8.9	6.2	No	No	No	No	No
7/24/2021	2:10:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	24.2	8.8	3.2	No	No	No	No	No
7/29/2021	1:30:00 PM	Site #1 - East Boat Ramp	Sunny	27.8	8.7	4.5	No	No	No	No	No
7/29/2021	11:45	site 3 - Lacamas Shores	Sunny	24.8	9.3	6.1					
7/29/2021	4:20:00 PM	Site #2 - Heritage Park	Partly Cloudy	25.2	9.1	6.4	No	No	No	No	No
8/5/2021	2:00:00 PM	Site #1 - East Boat Ramp	Cloudy	26.8	9.3	10.2	No	Yes	Yes	No	No
8/5/2021	2:07:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	27.4	9.4	3.4	No	Yes	No	No	No
8/5/2021	3:24:00 PM	Site #2 - Heritage Park	Mostly Cloudy	26.2	9.6	7.1	No	No	No	No	No
8/12/2021	1:11:00 PM	Site #1 - East Boat Ramp	Sunny	29.8	8.48	6.6	No	No	No	No	No
8/12/2021	2:11:00 PM	Site #2 - Heritage Park	Sunny	28	9.3	6.8	No	No	No	No	No
8/12/2021	11:00:00 AM	Site #3 - Lacamas Shores Boat Ramp	Sunny	25.6	9.25	4.3	No	Yes	No	No	No
8/19/2021	2:00:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	25.8	9.1	7.7	No	Yes	No	No	No
8/19/2021	3:42:00 PM	Site #2 - Heritage Park	Sunny	24.6	8.4	7	No	Yes	No	No	No
8/26/2021	1:55:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	22.8	8.63	7.3	No	Yes	Yes	No	No
8/26/2021	3:15:00 PM	Site #2 - Heritage Park	Mostly Cloudy	23.6	8.5	6.7	No	Yes	No	No	No
8/26/2021	2:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy	21	8.8	9	Yes	Yes	No	No	No
9/2/2021	2:41:00 PM	Site #1 - East Boat Ramp	Sunny	24.8	8.7	5.4	No	Yes	No	No	No
9/2/2021	3:26:00 PM	Site #2 - Heritage Park	Sunny	21.8	8	8	No	Yes	No	Yes	No
9/9/2021	2:05:00 AM	Site #1 - East Boat Ramp	Mostly Cloudy	26.2	8.8	5.1	No	Yes	No	No	No
9/9/2021	2:39:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy	25.7	8.75	7.8	No	Yes	No	No	No
9/9/2021	2:50:00 PM	Site #2 - Heritage Park	Partly Cloudy	24.8	8.5	8.3	No	Yes	No	No	No
9/16/2021	2:10:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	23	8.1	8.8	No	Yes	No	No	No
9/16/2021	1:18:00 PM	Site #1 - East Boat Ramp	Sunny	21.2	8.8	3.6	Yes	Yes	No	No	No
9/16/2021	3:15:00 PM	Site #2 - Heritage Park	Sunny	19	8.2	07	No	Yes	No	No	No
9/23/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	23.9	6.37	10.3	No	No	Yes	No	No
9/23/2021	3:05:00 PM	Site #1 - East Boat Ramp	Sunny	22	8.7	4.4	No	Yes	No	No	No
9/23/2021	3:20:00 PM	Site #2 - Heritage Park	Sunny	18.6	8.3	7.5	No	Yes	No	No	Yes
9/29/2021	2:30:00 PM	Site #2 - Heritage Park	Mostly Cloudy	17.6	7.7	8.2	No	Yes	No	No	No
9/30/2021	2:21:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining	16	9.3	4.9	No	Yes	No	No	No
9/30/2021	2:55:00 PM	Site #1 - East Boat Ramp	Raining	16.8	8.5	4.6	No	Yes	No	No	No
10/7/2021	12:00:00 PM	Site #1 - East Boat Ramp	Mostly Cloudy	14.7	9.1	5.4	No	Yes	No	No	No
10/7/2021	12:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	15	6.8	6.5	Elevated	Elevated	No	No	Yes

10/7/2021	2:11:00 PM	Site #2 - Heritage Park	Sunny		15.8		8.2		9.6	No	Yes	No	No	No
10/14/2021	10:15:00 AM	Site #1 - East Boat Ramp	Raining		12.6		8.6		5.4	No	Yes	No	No	No
10/14/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	12.6 C			8.5		11.9	No	No	No	No	Elevated
10/14/2021	2:30:00 PM	Site #2 - Heritage Park	Raining		13.2		8.2		10.8	No	Yes	No	No	No
10/14/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		12.6		8.5		11.9	No	Yes	No	No	No
10/20/2021	2:58:00 PM	Site #2 - Heritage Park	Mostly Cloudy		14		8.5		8.1	No	Yes	No	No	No
10/21/2021	9:50:00 AM	Site #1 - East Boat Ramp	Mostly Cloudy		11.6		8.9		4.8	No	Yes	No	No	No
10/21/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		14		6.76		10.4	No	Elevated	No	No	No
10/28/2021	11:00:00 AM	Site #1 - East Boat Ramp	Raining		12.8		8.4		5.8	No	Yes	No	No	No
10/28/2021	11:15:00 AM	Site #2 - Heritage Park	Raining		11.8		8.2		3.5	No	Yes	No	No	No
10/28/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy		13		9.2		10.2	No	Elevated	No	No	No
11/4/2021	10:35:00 AM	Site #1 - East Boat Ramp	Raining		9.8		8.9		6.8	No	Yes	No	No	No
11/4/2021	2:00:00 AM	Site #3 - Lacamas Shores Boat Ramp	Raining		10		9.71		8.5	No	Yes	No	No	No
11/4/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		10		9.7		8.5	No	No	No	No	No
11/4/2021	3:09:00 PM	Site #2 - Heritage Park	Raining		10.2		8.3		10.1	No	No	No	No	No
11/11/2021	11:15:00 AM	Site #1 - East Boat Ramp	Raining		9.2		9.5		5.4	No	No	No	No	No
11/11/2021	1:06:00 PM	Site #2 - Heritage Park	Raining		9		8.3		11.9	No	No	No	No	No
11/11/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		8.9		6.6		11.6	No	No	No	No	No
11/18/2021	2:10:00 PM	Site #2 - Heritage Park	Cloudy		10.2		8.5		12.1	No	No	No	No	No
11/18/2021	2:50:00 PM	Site #1 - East Boat Ramp	Raining		6.2		9.1		6.6	No	No	No	No	No
11/18/2021	3:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		8		6.8		11.1	No	Yes	No	No	No
11/24/2021	10:15:00 AM	Site #1 - East Boat Ramp	Partly Cloudy		6		9.2	7.1		No	No	No	No	No
11/25/2021	1:24:00 PM	Site #2 - Heritage Park	Partly Cloudy		8.2		8.4		7	No	No	No	No	No
11/24/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy		6.8		6.8		11.4	No	No	No	No	No
12/1/2021	2:00:00 PM	Site #2 - Heritage Park	Sunny		10.8		8.1		10.1	No	No	No	No	No
12/2/2021	12:00:00 PM	Site #1 - East Boat Ramp	Cloudy		9		9.3		6.4	No	No	No	No	No
12/2/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		6.6		7.3		11.2	No	No	No	No	No
12/9/2021	9:54:00 AM	Site #1 - East Boat Ramp	Mostly Cloudy		5		8.9		5.6	No	No	No	No	No
12/9/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		6.8		7.5		6.8	No	No	No	No	No
12/9/2021	2:22:00 PM	Site #2 - Heritage Park	Raining		7		8.6		9.9	No	No	No	No	No
12/16/2021	10:10:00 AM	Site #1 - East Boat Ramp	Cloudy		4		9.3		8.7	No	No	No	No	No
12/16/2021	2:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		5.8		8.8		8.2	No	No	No	No	No
12/16/2021	2:30:00 PM	Site #2 - Heritage Park	Cloudy		5.2		8.8		10.7	No	No	No	No	No
12/23/2021	10:45:00 AM	Site #1 - East Boat Ramp	Partly Cloudy		4.2		9		9.2	No	No	No	No	No
12/23/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy		5.8		9.2		8.9	No	No	No	No	No
12/23/2021	10:21:00 AM	Site #2 - Heritage Park	Partly Cloudy		5.2		8.7		11.9	No	No	No	No	No
12/30/2021	11:20:00 AM	Site #1 - East Boat Ramp	Raining		1.2		9.7		9	No	No	No	No	No
12/30/2021	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		6.6		9		11.8	No	No	No	No	No
12/31/2021	1:50:00 PM	Site #2 - Heritage Park	Partly Cloudy		2		8.6		12.8	No	No	No	No	No
1/6/2022	10:55:00 AM	Site #2 - Heritage Park	Raining		3		8.7		10.5	No	No	No	No	No
1/6/2022	9:40:00 AM	Site #1 - East Boat Ramp	Raining		5		9.9		8.9	No	No	No	No	No
1/6/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		9.2		8.3		7.6	No	No	No	No	No
1/13/2022	2:37:00 PM	Site #2 - Heritage Park	Raining		6		8.7		13.4	No	No	No	No	No
1/13/2022	12:40:00 PM	Site #1 - East Boat Ramp	Raining		5		9.7		10.1	No	No	No	No	No
1/13/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining		9.4		12.8		8.4	No	No	No	No	No
1/20/2022	2:10:00 PM	Site #1 - East Boat Ramp	Partly Cloudy		7		9.3		11.4	No	No	No	No	No
1/20/2022	4:03:00 PM	Site #2 - Heritage Park	Mostly Cloudy		5.4		8.7		15.9	No	No	No	No	No
1/20/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy		9.1		8.1		9.4	No	No	No	No	No
1/27/2022	2:50:00 PM	Site #2 - Heritage Park	Sunny		4.4		8.5		15	No	No	No	No	No
1/27/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny		5.4		7.6		10.7	No	No	No	No	No
1/27/2022	12:30:00 PM	Site #1 - East Boat Ramp	Sunny		2		9.6		9.2	No	No	No	No	No
2/3/2022	10:30:00 AM	Site #1 - East Boat Ramp	Raining		3		9.9		6.6	No	No	No	No	No
2/3/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy		7.7		8.1		8.7	No	No	No	No	No
2/3/2022	2:48:00 PM	Site #2 - Heritage Park	Partly Cloudy		5.2		8.8		11	No	No	No	No	No
2/10/2022	3:21:00 PM	Site #2 - Heritage Park	Mostly Cloudy		6.2		8.9		15.9	No	No	No	No	No
2/10/2022	2:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		5		8.4		4.9	No	No	No	Yes	No
2/10/2022	10:30:00 AM	Site #1 - East Boat Ramp	Mostly Cloudy		4.2		9.7		8.3	No	No	No	No	No
2/17/2022	2:19:00 PM	Site #2 - Heritage Park	Mostly Cloudy		8		8.5		15.6	No	No	No	No	No
2/17/2022	10:30:00 AM	Site #1 - East Boat Ramp	Cloudy		5.2		9.7		9.6	No	No	No	No	No
2/17/2022	3:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy		8.7		8.7		7.7	No	No	No	No	No
2/24/2022	2:34:00 PM	Site #2 - Heritage Park	Sunny		3		8.7		16.2	No	No	No	No	No
3/3/2022	3:03:00 PM	Site #2 - Heritage Park	Partly Cloudy		8		8.5		13.8	No	No	No	No	No
3/3/2022	1:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy		9.4		8.3		2.7	No	No	No	No	No
3/4/2022	1:00:00 PM	Site #1 - East Boat Ramp	Partly Cloudy		10.4		8.8		7.5	No	No	No	No	No
3/10/2022	2:25:00 PM	Site #2 - Heritage Park	Partly Cloudy		8.2		8.6		16.3	No	No	No	No	No
3/10/2022	1:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny		10.3		8.6		11.2	No	No	No	No	No
3/17/2022	12:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Cloudy		11.5		8.1		11.2	No	No	No	Yes	No

3/17/2022	2:56:00 PM	Site #2 - Heritage Park	Raining	8.2	8.8	15.2	No	No	No	No	No
3/24/2022	1:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	16,8	7,8	6.8	No	No	No	No	No
3/24/2022	1:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	16.8	7.8	6.8	No	No	No	No	No
3/25/2022	2:59:00 PM	Site #2 - Heritage Park	Partly Cloudy	10	8.5	15.9	No	No	No	No	No
3/31/2022	2:30:00 PM	Site #2 - Heritage Park	Partly Cloudy	11	8.3	15.3	No	No	No	No	No
3/31/2022	2:15:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	13.6	6.8	9.5	No	No	No	No	No
4/7/2022	4:22:00 PM	Site #2 - Heritage Park	Sunny	13	8	11.8	No	No	No	No	No
4/7/2022	3:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	11.8	4.3	8.7	No	No	No	No	No
4/14/2022	1:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	8.4	Missing	6.9	No	No	No	No	No
4/21/2022	2:50:00 PM	Site #2 - Heritage Park	Mostly Cloudy	9	7.7	9.1	No	No	No	No	No
4/21/2022	1:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	11.4	7.9	8.6	No	No	No	No	No
4/28/2022	10:30:00 AM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy	12.8	8	5.1	No	No	No	No	No
4/28/2022	2:48:00 PM	Site #2 - Heritage Park	Partly Cloudy	12	8.1	757	No	No	No	No	No
5/4/2022	10:30:00 AM	Site #3 - Lacamas Shores Boat Ramp	Sunny	14.4	7.9	6.1	No	No	No	No	No
5/5/2022	3:48:00 PM	Site #2 - Heritage Park	Raining	13.2	8.4	9.6	No	No	No	No	No
5/11/2022	1:10:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	14.4	7	No Data	No	No	No	No	No
5/12/2022	2:54:00 PM	Site #2 - Heritage Park	Raining	12.2	7.8	10	No	No	No	No	No
5/12/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining	11.6	7.8	5.7	No	No	No	No	No
5/19/2022	1:42:00 PM	Site #2 - Heritage Park	Partly Cloudy	5.5	7.7	10.6	No	No	No	No	No
5/19/2022	3:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	15.1	7.9	3.6	No	No	No	No	No
5/23/2022	2:59:00 PM	Site #2 - Heritage Park	Partly Cloudy	18.2	8.74	11.7	No	No	No	No	No
5/26/2022	2:00:00 PM	Site #3 - Lacamas Shores Boat Ramp	Raining	20.3	9.3	2.2	No	No	No	No	No
5/26/2022	11:15:00 AM	Site #1 - East Boat Ramp	Mostly Cloudy	18.2	8.9	11.5	No	No	No	No	No
5/30/2022	3:01:00 PM	Site #2 - Heritage Park	Partly Cloudy	15	8.8	10.7	No	No	No	No	No
6/2/2022	1:30:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	21.6	9.3	2.9	No	No	No	No	No
6/2/2022	1:45:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	19.9	9.1	2	No	No	No	No	No
6/9/2022	2:51:00 PM	Site #2 - Heritage Park	Raining	18	8.3	9.7	No	No	No	No	No
6/16/2022	2:30:00 PM	Site #2 - Heritage Park	Partly Cloudy	17.4	7.3	8.5	No	No	No	No	No
6/16/2022	1:45:00 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	16.6	7.6	32	No	No	No	No	No
6/23/2022	2:43:00 PM	Site #2 - Heritage Park	Sunny	21.4	8.7	11.3	No	No	No	No	No
8/19/2021	1600	Site #3 - Lacamas Shores Boat Ramp	sunny	24.5	9	3.9	NO	YES	NO	NO	NO
2/25/22	1330	site 1	sunny	7.2	8.2	6.1	No	yes	no	yes	
3/11/22	1300	Site 1 East Boat ramp	Partly Cloudy	10.4	8.8	7.5	no	no	no	no	no
3/17/2022	1330	#1 East boat ramp	cloudy	9.3	8.7	29	no	no	no	no	no
3/24/2022	1330	#1 East boat ramp	Partly Cloudy	12.4	8.4	8.5	no	no	no	no	no
3/31/2022	1300	#1 East boat ramp	Partly Cloudy	12	8.3	9.8	no	no	no	no	no
4/7/2022	1300	#1 East boat ramp	Sunny	13.2	6.9	8	no	no	no	no	no
4/15/2022	1300	#1 East boat ramp	Partly Cloudy	10.6	7.5	4.4	no	no	no	no	no
4/21/2022	1305	#1 East boat ramp	Partly cloudy	12.3	7.7	3.6	no	no	no	no	no
6/9/2022	12:15	Site #3 - Lacamas Shores Boat Ramp	Cloudy	18.3	7.9	4.2	No	No	No	No	No
6/9/2022	1:30 PM	Site #1 - East Boat Ramp	Cloudy	19.7	8.5	7.7	No	No	No	No	No
6/9/2022	2:51 PM	Site #2 - Heritage Park	Rain	18	8.26	9.7	No	No	No	No	No
6/16/2022	1:45 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	16.2	7.6	32	No	No	No	No	No
6/16/2022	2:30 PM	Site #2 - Heritage Park	Partly Cloudy	17.4	7.34	8.5	No	No	No	No	No
6/16/2022	1:30 PM	Site #1 - East Boat Ramp	Partly Cloudy	18.8	7.6	11.2	No	No	No	No	No
6/23/2022	12:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	19.4	7.86	2.9	No	No	No	No	No
6/23/2022	2:43 PM	Site #2 - Heritage Park	Sunny	21.4	8.74	11.3	No	No	No	No	No
6/23/2022	1:15 PM	Site #1 - East Boat Ramp	Sunny	20.8	8.4	9.5	No	No	No	No	No
6/30/2022	1:30 PM	Site #1 - East Boat Ramp	Sunny	22.2	7.8	7.5	No	No	No	No	No
6/30/2022	1:45 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	21.8	7.8	3.7	No	No	No	No	No
6/30/2022	3:25 PM	Site #2 - Heritage Park	Sunny	22	7.75	9.1	No	No	No	No	No
7/8/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	23	7.13	8.3	No	Yes	No	No	No
7/7/2022	3:40 PM	Site #2 - Heritage Park	Partly Cloudy	22	8.02	8.9	No	No	No	No	No
7/7/2022	12:15 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	22.2	7.85	2.4	No	No	No	Yes	No
7/14/2022	4:10 PM	Site #2 - Heritage Park	Sunny	25	8.42	9.3	No	No	No	No	No
7/14/2022	2:00 PM	Site #1 - East Boat Ramp	Sunny	23.4	7.48	8.3	No	No	No	No	No
7/14/2022	1:30 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	24.1	7.5	3.6	No	Yes	No	No	No
7/21/2022	1:30 PM	Site #1 - East Boat Ramp	Sunny	24.5	8.1	7.5	No	Yes	No	No	No
7/21/2022	3:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	34.6		8.2	No	No	No	No	No
7/21/2022	2:00 PM	Site #2 - Heritage Park	Sunny	27.6	7.78	8.7	No	Yes	No	No	No
7/28/2022	1:30 PM	Site #1 - East Boat Ramp	Sunny	27.9	7.52	4.9	No	Yes	No	No	No
7/28/2022	3:15 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	28.1	10.7	7.8	No	Yes	Yes	No	Yes
7/28/2022	2:54 PM	Site #2 - Heritage Park	Sunny	29.6	7.89	8.4	No	Yes	No	No	No
8/4/2022	2:20 PM	Site #2 - Heritage Park	Partly Cloudy	26	7.98	12.6	No	No	No	No	No
8/4/2022	11:00 AM	Site #1 - East Boat Ramp	Partly Cloudy	24.5	8.1	7.07	No	No	No	No	No
8/4/2022	9:45 AM	Site #3 - Lacamas Shores Boat Ramp	Cloudy	24.9		8.29	No	No	No	No	No
8/11/2022	2:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	25.8	7.1	8.13	No	No	No	No	No

8/11/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	25.9	8.34	7.8	No	No	No	No	No
8/10/2022	2:50 PM	Site #2 - Heritage Park	Mostly Cloudy	24.6	8.14	9.5	No	Yes	No	No	No
8/18/2022	2:45 PM	Site #2 - Heritage Park	Mostly Cloudy	26	8.11	10.4	No	Yes	No	No	No
8/17/2022	9:00 AM	Site #1 - East Boat Ramp	Sunny	25.2	7.97	6.15	No	Yes	No	No	No
8/25/2022	15:07	Site #2 - Heritage Park	Sunny	27	8.28	8.4	No	Yes	No	No	No
8/25/2022	1:30 PM	Site #1 - East Boat Ramp	Sunny	27.6	7.38	8.23	Yes	Yes	No	No	No
8/25/2022	1:30 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	26.8	8.5	8.46	No	No	No	Yes	No
9/1/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	25.5	7.5	8.11	No	Yes	No	No	No
9/1/2022	1:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	24.6	8.4	12.2	No	No	No	Yes	No
9/1/2022	3:00 PM	Site #2 - Heritage Park	Sunny	24	8.66	10.6	No	Yes	No	No	No
9/8/2022	3:57 PM	Site #2 - Heritage Park	Sunny	23.4	8.66	10.2	No	Yes	No	No	No
9/8/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	23.8	8.1	8.93	Yes	Yes	Yes	No	No
9/8/2022	2:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	23.9	8.4	7	Yes	Yes	Yes	Yes	No
9/15/2022	12:25 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	29	9.4	6.6	No	Yes	No	No	No
9/15/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	22.7	8.1	8.6	Yes	Yes	Yes	No	No
9/15/2022	2:30 PM	Site #2 - Heritage Park	Partly Cloudy	21	8.71	11.7	No	Yes	Yes	No	No
9/26/2022	11:30 PM	Site #2 - Heritage Park	Sunny	21.1	8.6	10.68	Yes	Yes	No	No	No
9/14/2022	2:00 PM	Deep Sample			7.5	0.9	No	No	No	No	No
10/6/2022	12:55 PM	Site #1 - East Boat Ramp	Sunny	22.1	7.96	7.8	Yes	Yes	No	No	No
10/6/2022	11:28 PM	Site #3 - Lacamas Shores Boat Ramp	Mostly Cloudy				No	Yes	Yes	No	No
10/6/2022	3:40 PM	Site #2 - Heritage Park	Sunny	20	8.6	10.2	No	Yes	No	No	No
10/12/2022	11:30 PM	Site #1 - East Boat Ramp	Sunny	19.9	7.8	8.4	Yes	Yes	No	No	No
10/13/2022	2:47 PM	Site #2 - Heritage Park	Sunny	18.4	8.7	9.9	No	Yes	Yes	No	No
10/13/2022	2:00 PM	Site #3 - Lacamas Shores Boat Ramp	Sunny	22.6	9.6	11.2	No	Yes	No	No	No
10/21/2022	10:00 AM	Site #2 - Heritage Park	Cloudy	16.5	8.9	3.1	No	Yes	No	Yes	No
10/27/2022	1:30 PM	Site #1 - East Boat Ramp	Partly Cloudy	16.5	7.48	8.1	No	Yes	No	No	No
10/27/2022	1:15 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	16	8.4	9.4	No	Yes	Yes	No	No
11/3/2022	1:00 PM	Site #1 - East Boat Ramp	Rain	12.3	7.28	7.91	No	Yes	No	No	No
11/3/2022	1:18 PM	Site #2 - Heritage Park	Rain	11	9.09	7.4	No	Yes	No	No	No
11/3/2022	2:00 PM	Site #3 - Lacamas Shores Boat Ramp	Rain	12.2	7.73	8.1	No	Yes	Yes	No	No
11/10/2022	12:30 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	9.7	7.7	6.2	No	No	No	No	No
11/10/2022	3:41 PM	Site #2 - Heritage Park	Partly Cloudy	9	8.24	8.1	No	No	No	No	No
11/10/2022	1:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	12.2	8.43	5.34	No	Yes	No	No	No
11/17/2022	1:00 PM	Site #1 - East Boat Ramp	Sunny	6.7	8.65	9.6	No	No	No	No	No
11/17/2022	10:10 AM	Site #3 - Lacamas Shores Boat Ramp	Sunny	6	7.6	8.9	No	Yes	No	No	No
11/17/2022	12:50 PM	Site #2 - Heritage Park	Sunny	4	8.9	8.99	No	No	No	No	No
12/7/2022	12:40	Site #2 - Heritage Park	Mostly Cloudy	1	8.7	9.72	No	No	No	No	No
12/9/2022	1:00 PM	Site #1 - East Boat Ramp	Cloudy	6.6	7.25	10.8	No	No	No	No	No
12/8/2022	2:00 PM	Site #3 - Lacamas Shores Boat Ramp	Rainy	6.5	8.1	8.12	No	No	No	No	No
12/15/2022	2:30 PM	Site #3 - Lacamas Shores Boat Ramp	Partly Cloudy	5.9	8.6	8.1	No	No	No	No	No
12/16/2022	1:00 PM	Site #1 - East Boat Ramp	Partly Cloudy	9.3	7.4	10.01	No	No	No	No	No
12/15/2022	2:40 PM	Site #2 - Heritage Park	Sunny	3	8.71	9.4	No	No	No	No	No
12/29/2022	12:30PM	Site #3 - Lacamas Shores Boat Ramp	Rainy	6.1	8.6	8.1	No	No	No	No	No
12/29/2022	2:59PM	Site #2 - Heritage Park	Mostly Cloudy	3	8.6	9.7	No	No	No	No	No
12/29/2022	1:00PM	Site #1 - East Boat Ramp	Rainy	8.6	7.26	9.44	No	No	No	No	No
1/5/2023	2:00PM	Site #3 - Lacamas Shores Boat Ramp	Rain	7.3	8.5	8.3	No	No	No	No	No
1/5/2023	1:21PM	Site #2 - Heritage Park	Cloudy	3.4	8.94	8.7	No	No	No	No	No
1/5/2023	1:00PM	Site #1 - East Boat Ramp	Rain	8.6	7.26	9.4	No	No	No	No	No
1/12/2023	12:00PM	Site #1 - East Boat Dock	Cloudy	9.4	7.6	10.25	No	No	No	No	No
1/12/2023	10:35AM	Site #2 - Heritage Park	Cloudy	7.4	8.7	7.8	No	No	No	No	No
1/12/2023	10:15AM	Site #3-Lacamas Shore Boat Launch	Cloudy	7.4	9	8.8	No	No	No	No	No
1/19/2023	10:30AM	Site #3-Lacamas Shore Boat Launch	Cloudy	7.8	8.3	Error	No	No	No	No	No
1/19/2023	1:13PM	Site #2 - Heritage Park	Cloudy	5	9.2	8.7	No	No	No	No	No
1/19/2023	1:00 PM	Site #1 - East Boat Launch	Cloudy	7.3	7.6	9.8	No	No	No	No	No

Lacamas Watershed Council Phytoplankton Monitoring Network Citizen Science Data
Round Lake

Sample Date	Sample Time	Your Sampling Site	Weather	Water Temperature (°C)	pH (6.2-8.5)	Dissolved Oxygen (ppm, 5.8 to 7.8)	Aphanizomenon spp.	Dolichospermum spp.	Microcystis spp.	Planktothrix spp. spp.	Raphidiopsis spp.
8/26/2021	1:35:00 PM	Site #4 - Round Lake	Partly Cloudy	22.4	9.3	5.3	No	Yes	Yes	No	No
9/9/2021	3:12:00 PM	Site #4 - Round Lake	Partly Cloudy	25	8.6	n/a	No	Yes	No	No	No
9/29/2021	3:00:00 PM	Site #4 - Round Lake	Mostly Cloudy	17.8	7.4	n/a	No	Yes	No	No	No
10/7/2021	2:57:00 PM	Site #4 - Round Lake	Sunny	14.2	8.1	10.5	Yes	Yes	Yes	No	No
10/14/2021	2:56:00 PM	Site #4 - Round Lake	Raining	12	7.7	8.2	No	Yes	No	No	No
10/20/2021	3:15:00 PM	Site #4 - Round Lake	Mostly Cloudy	13.2	17.7	7.2	No	Yes	No	No	No
10/28/2021	10:30:00 AM	Site #4 - Round Lake	Raining	11.6	9.1	3.8	No	Yes	No	No	No
11/4/2021	3:28:00 PM	Site #4 - Round Lake	Raining	9	7.9	9.1	No	No	No	No	No
11/11/2021	1:23:00 PM	Site #4 - Round Lake	Raining	8.2	7.9	6.2	No	No	No	No	No
11/18/2021	2:25:00 PM	Site #4 - Round Lake	Raining	8.2	8.1	7.5	No	No	No	No	No
11/25/2021	2:20:00 PM	Site #4 - Round Lake	Partly Cloudy	8.2	8.5	9.6	No	No	No	No	No
12/1/2021	1:38:00 PM	Site #4 - Round Lake	Sunny	10.2	8.4	11.3	No	No	No	No	No
12/9/2021	2:38:00 PM	Site #4 - Round Lake	Cloudy	5.2	8.7	12.3	No	No	No	No	No
12/16/2021	2:46:00 PM	Site #4 - Round Lake	Cloudy	4.2	8.3	11.8	No	No	No	No	No
6/23/2022	3:03:00 PM	Site #4 - Round Lake	Sunny	22	9	11	No	No	No	No	Yes
6/23/2022	3:03 PM	Site #4 - Round Lake	Sunny	22	9.02	11	No	No	No	No	No
6/30/2022	11:45 AM	Site #4 - Round Lake	Sunny	24.2	9.2	8.4	No	No	No	No	No
7/7/2022	11:00 AM	Site #4 - Round Lake	Partly Cloudy	21.2	8.9	7.5	No	No	No	No	No
7/14/2022	12:35	Site #4 - Round Lake	Sunny	27.6	9.3	8.6	No	No	No	No	No
7/21/2022	12:30 PM	Site #4 - Round Lake	Sunny	28.4	8.4	5.4	No	No	No	No	No
7/28/2022	12:00 PM	Site #4 - Round Lake	Sunny	27.4	8.6	6.3	No	No	Yes	No	No
8/4/2022	11:30 AM	Site #4 - Round Lake	Partly Cloudy	25.7	8.3	6.4	No	No	No	No	No
8/11/2022	11:30 AM	Site #4 - Round Lake	Sunny	25.3	9.2	6.66	No	No	No	No	No
8/18/2022	9:15 AM	Site #4 - Round Lake	Mostly Cloudy	25	8.8	6.9	No	No	No	No	No
8/25/2022	11:00 AM	Site #4 - Round Lake	Sunny	25.91	8.9	7.2	No	No	No	No	No
8/31/2022	12:40 PM	Site #4 - Round Lake	Sunny	25.1	9.17	6.7	No	No	No	No	No
9/8/2022	2:30 PM	Site #4 - Round Lake	Sunny	23.5	9.3	6.7	No	Yes	No	No	No
9/14/2022	12:15 PM	Site #4 - Round Lake	Mostly Cloudy	21.4	8.6	6.87	No	Yes	Yes	No	No
9/26/2022	12:36 PM	Site #4 - Round Lake	Sunny	21.7	8.7	9.22	No	Yes	No	Yes	No
10/6/2022	12:30 PM	Site #4 - Round Lake	Mostly Cloudy	18.8	8.8	8.3	Yes	Yes	Yes	No	No
10/13/2022	2:47 PM	Site #4 - Round Lake	Sunny	18.4	8.7	9.9	No	Yes	Yes	No	No
11/3/2022	12:40 PM	Site #4 - Round Lake	Mostly Cloudy	12.4	8.9		No	Yes	No	No	No
11/10/2022	12:00 PM	Site #4 - Round Lake	Sunny	9.9	9.5	6.5	No	Yes	Yes	No	No
11/25/2022	1:30 PM	Site #4 - Round Lake	Rain	6.1	9.1	9.9	No	No	No	No	No
12/7/2022	3:10 PM	Site #4 - Round Lake	Cloudy	4.6	9.4	8.8	No	Yes	No	No	No
12/15/2022	4:15 PM	Site #4 - Round Lake	Partly Cloudy	5.5	9.4	8.8	No	No	No	No	No
12/29/2022	2:30PM	Site #4 - Round Lake	Cloudy	5.9	9.6	8	No	No	No	No	No
1/6/2023	2:25PM	Site #4 - Round Lake	Cloudy	6.1	9.7	9.7	No	No	No	No	No
1/20/2023	11:35AM	Site #4 - Round Lake	Cloudy	7.1	9.1	8.9	No	No	No	No	No

Lacamas Watershed Council Phytoplankton Monitoring Network Citizen Science Data

Fallen Leaf Lake

Sample Date	Sample Time	Your Sampling Site	Weather	Water Temperature (°C)	pH (6.2-8.5)	Dissolved Oxygen (ppm, 5.8 to 7.8)	Aphanizomenon spp.	Dolichospermum spp.	Microcystis spp.	Planktothrix spp. spp.	Raphidiopsis spp.
9/8/2022	1:30 PM	Fallen Leaf Lake	Sunny	24.1	7.9	7.2		Yes	Yes		
10/13/2022	1:00 PM	Fallen Leaf Lake	Sunny	20.6	9.04	10.2	No	No	No	No	No
11/10/2022	12:00 PM	Fallen Leaf Lake	Partly Cloudy	9.7	7.9	8.9	No	No	No	No	No
11/17/2022	5:50 PM	Fallen Leaf Lake	Sunny	6.4	8.1	8.9	No	No	No	No	No
12/8/2022	2:45 PM	Fallen Leaf Lake									
12/15/2022	3:00 PM	Fallen Leaf Lake									
12/29/2022		Fallen Leaf Lake									
1/5/2022		Fallen Leaf Lake									
1/19/2023	10:50 AM	Fallen Leaf Lake	Cloudy	8.8	8.8	7.1	No	No	No	No	No

Appendix E: Lacamas Creek Rating Curve Development and Data Interpolation

Appendix E: Lacamas Creek Rating Curve Development and Data Interpolation

Monitoring from October 2022–April 2023 and Rating Curve Development

Depth in the largest lake inflow source, Lacamas Creek, was continuously monitored during the wettest portions of the study period using a water level meter (see Section 3.1.6 of the Lake Management Plan). The meter recorded depths in the creek ranging from just under 11 inches to just under 6 feet, with an average depth of about 2 feet (Figure E.1). Staff gage readings were used to confirm accuracy of the continuous water level measurements and are indicated on the figure as individual points.

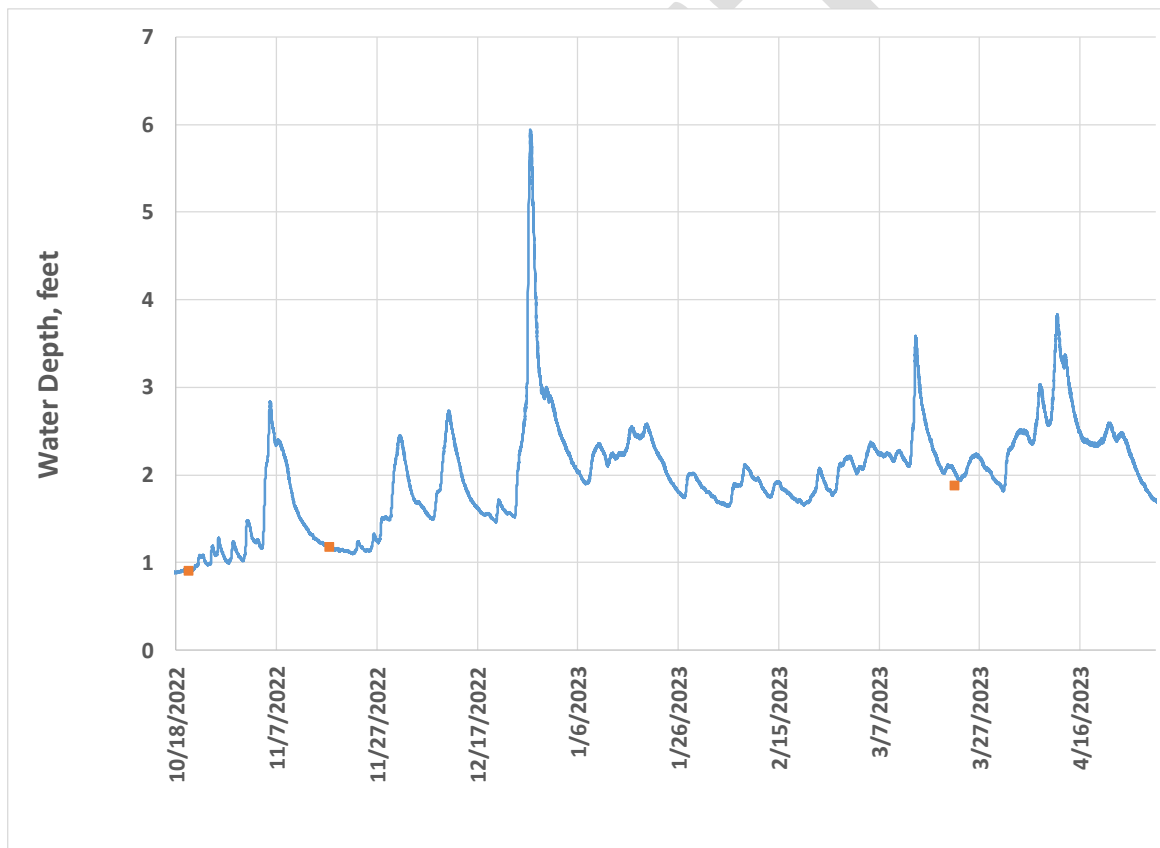


Figure E.1. Water level measured at Goodwin Road using and staff gage readings.

Three flow estimates were made during the study period using a Hach FH950 portable velocity meter. Discharge calculation was done using the USGS midsection method.

Table E.1 provides the flow estimates for each date with correspond water depth.

Table E.1. Flow estimates from 2022 and 2023 Sampling Events.

Date	Flow (cfs)	Water Depth (feet)
10/22/2022	11.0	0.97
11/17/2022	44	1.17
03/22/2023	141	1.88

These estimates were compared with seven flow estimates from field measurements from Clark County made between September 5, 2009 and October 12, 2010 to assess the appropriateness of using the past measurements along with the more updated measurements for purposes of estimating flow at the Goodwin Road location. These flow estimates and water level stages are shown in Table E.2. The water level measurements are relative to a previous staff gage; however the previous staff gage was replaced at the same location for the 2022-2023 sampling and it was assumed the datums were consistent based on the results of the comparison shown in Figure E.2. The figure indicates a consistent relationship between flow and water level and that this relationship can be utilized to estimate flows at Lamas Creek for this study.

Table E.2. Flow estimates at Lamas Creek at Goodwin Road in 2009 and 2010 by Clark County.

Date	Flow (cfs)	Water Depth (feet)
09/25/2009	8.02	0.86
12/07/2009	53.8	1.28
02/02/2010	150	1.82
04/08/2010	207	2.08
06/01/2010	336	2.52
07/28/2010	21.8	1.16
10/12/2010	1.22	48.4

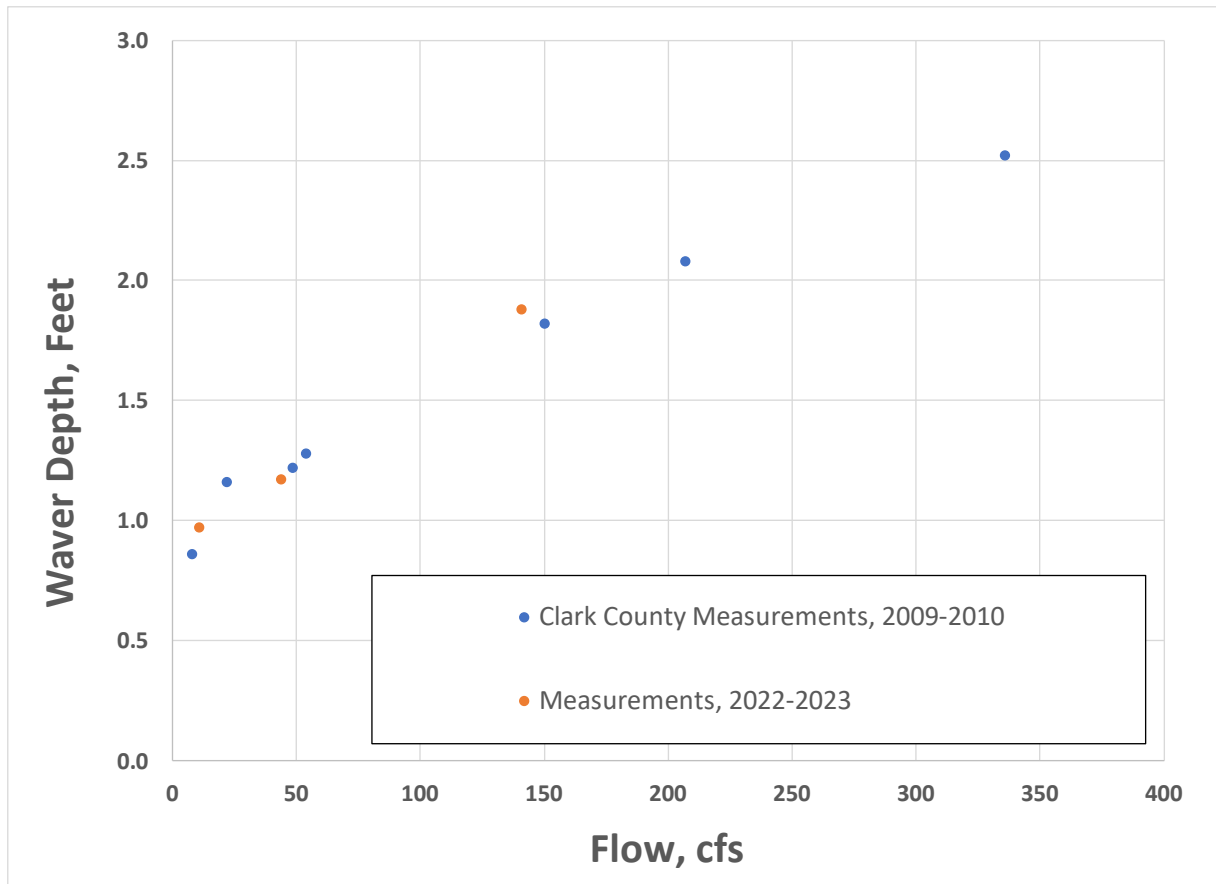


Figure E.2. Comparison of Flow Measurements Made in 2009-2010 by Clark County and in 2022-2023 for this study.

Figure E.3 shows the rating curve developed using both sets of measurements shown in Figure E.2. The figure indicates that a power law relationship effectively predicts the flow at the Goodwin Road Location for the range of flows for which measurements were made. For flows outside this range, such as during the peak flow in December 2022, there is greater uncertainty associated with the predictions.

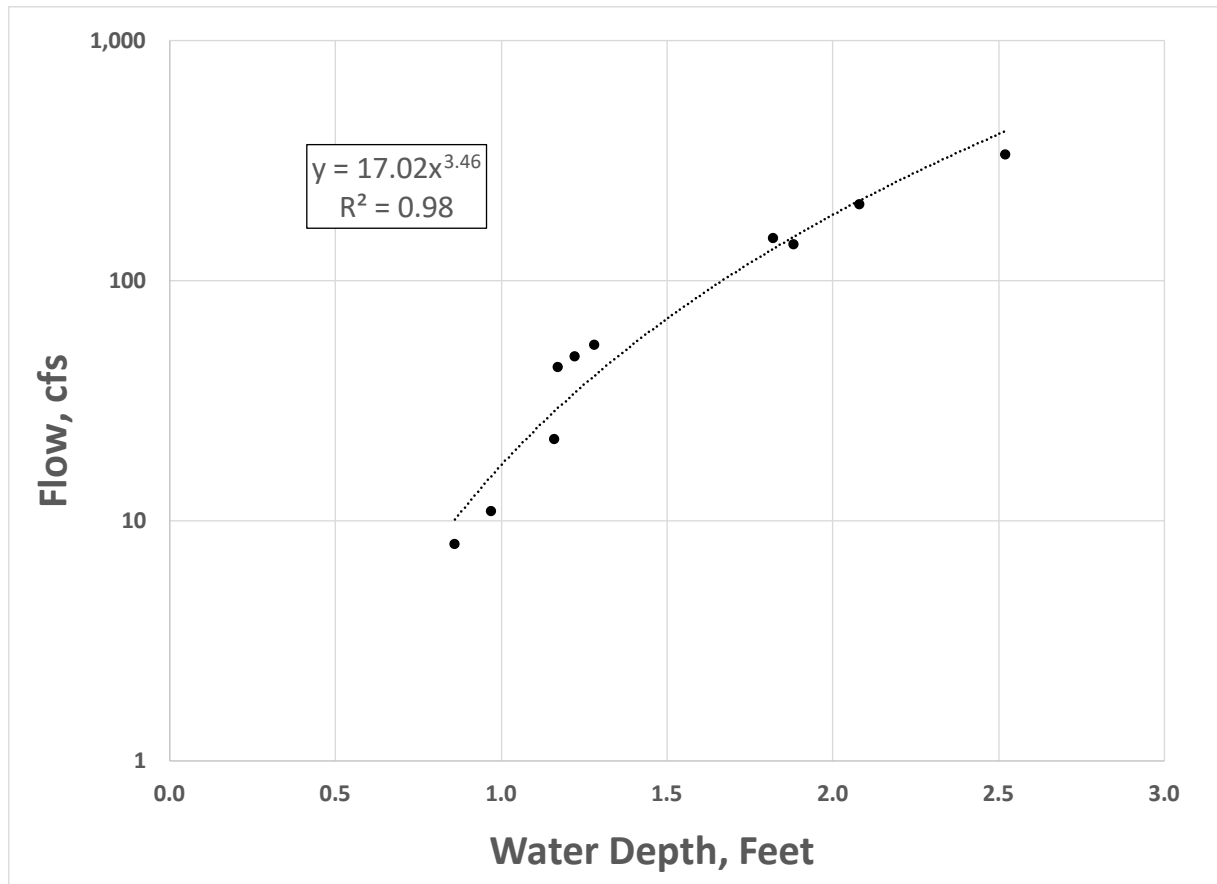


Figure E.3. Rating curve used to convert water level to flow at Lacamas Creek and Goodwin Road.

Figure E.4 shows the flows calculated using the rating curve shown in Figure E.3 for the period from October 2022-April 2023. As previously indicated, the estimated flow during the high-flow event from December 2022 and, to a lesser extent, March and April 2023, are more uncertain since flow measurements were not made for flows above 336 cfs in developing the rating curve.

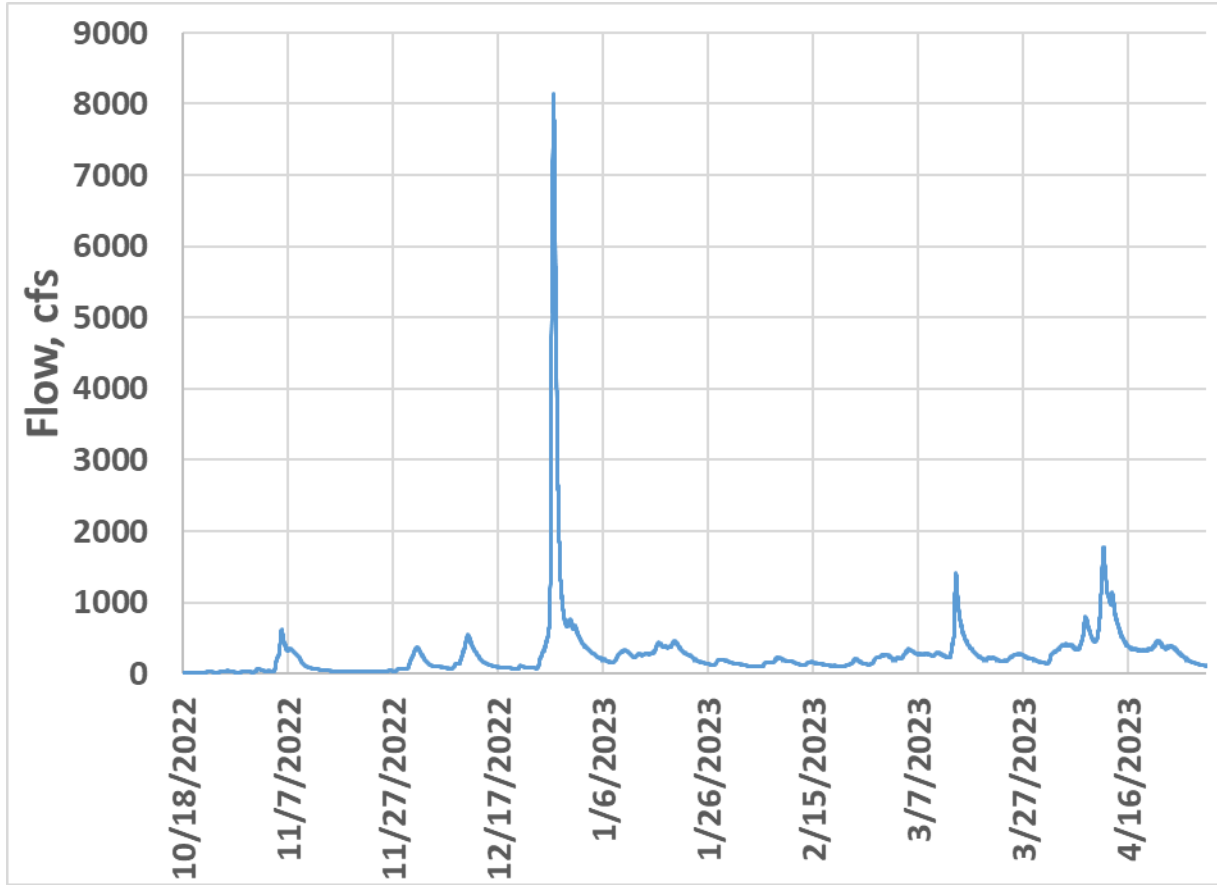


Figure E.4. Flows calculated using the rating curve shown in Figure E.3.

Estimates for May-October 2022

Flows for May-October 2022, prior to activation of the water level sensor, were estimated using a regression between Clark County flow measurements from 2003-2012 and rainfall measurements at Portland International Airport (PDX).

A multivariate correlation was developed with the equation:

$$Q_{LC-Gi} = 26.6 * P_i + 13.2 * P_{i-1} + 9.1 * P_{i-2}$$

where

Q_{LC-Gi} is the average flow at Goodwin Road for a given month i (cubic feet per second)

P_i is the precipitation at PDX for month i (inches)

P_{i-1} is the precipitation for the previous month at PDX (inches)

P_{i-2} is the precipitation at PDX two months prior to month i (inches)

Table E.3 shows the information used to develop the regression and the estimated flows calculated using the regression equation.

Table E.3. Clark County calculated flows (using a rating curve), Rainfall recorded at PDX, and estimated flows using the regression equation for 2003-2012.

Month	Calculated Flow (cfs)	Rainfall, PDX (inches)	Estimated Flow (cfs)
Oct-03	15.0	0.63	37.5
Nov-03	22.3	1.91	73.2
Dec-03	136.5	8.00	244.0
Jan-04	268.7	7.64	326.4
Feb-04	303.6	2.37	237.0
Mar-04	291.3	5.75	254.2
Apr-04	215.5	4.37	213.9
May-04	86.3	1.49	149.9
Jun-04	28.6	0.31	67.8
Jul-04	15.7	0.00	17.7
Aug-04	9.6	0.19	7.9
Sep-04	9.8	0.85	25.1
Oct-04	13.2	3.01	93.1
Nov-04	43.9	4.09	156.4
Dec-04	254.4	7.45	279.8
Jan-05	383.2	4.86	265.1
Feb-05	240.4	3.95	237.3
Mar-05	137.7	1.53	137.2
Apr-05	47.1	1.01	83.2
May-05	54.6	1.78	74.7
Jun-05	79.9	1.12	62.5

Month	Calculated Flow (cfs)	Rainfall, PDX (inches)	Estimated Flow (cfs)
Jul-05	18.4	0.04	32.1
Aug-05	17.7	2.68	82.1
Sep-05	25.8	1.03	63.1
Oct-05	50.8	3.36	127.5
Nov-05	91.8	2.38	117.1
Dec-05	172.0	3.91	166.2
Jan-06	121.3	1.94	125.0
Feb-06	89.5	1.30	95.9
Mar-06	112.1	3.77	135.3
Apr-06	192.5	3.49	154.5
May-06	200.4	4.34	196.0
Jun-06	75.4	2.21	148.0
Jul-06	35.9	0.41	79.7
Aug-06	11.5	1.05	53.6
Sep-06	7.7	1.70	62.9
Oct-06	20.5	3.39	122.3
Nov-06	162.4	4.98	192.9
Dec-06	209.2	7.52	296.9
Jan-07	573.7	10.92	435.5
Feb-07	209.9	2.15	270.0
Mar-07	197.5	2.96	206.9
Apr-07	153.9	2.46	124.2
May-07	58.9	3.00	139.4
Jun-07	53.2	0.92	86.5
Jul-07	19.9	0.47	52.1
Aug-07	9.1	0.10	17.3
Sep-07	8.7	0.86	28.5
Oct-07	13.9	1.39	49.3
Nov-07	352.0	11.92	343.6
Dec-07	312.5	5.85	325.7
Jan-08	251.6	2.72	258.5
Feb-08	199.8	3.47	181.7
Mar-08	254.5	3.20	155.8
Apr-08	102.7	2.01	127.4
May-08	38.6	1.45	94.4
Jun-08	23.0	1.08	66.2
Jul-08	14.1	0.55	42.1
Aug-08	10.3	0.46	29.4
Sep-08	8.9	2.04	65.4
Oct-08	28.3	3.26	117.9
Nov-08	76.9	4.25	174.8
Dec-08	356.1	7.57	287.4

Month	Calculated Flow (cfs)	Rainfall, PDX (inches)	Estimated Flow (cfs)
Jan-09	289.8	4.71	264.1
Feb-09	292.0	2.19	189.6
Mar-09	219.5	3.71	170.7
Apr-09	153.2	2.08	124.3
May-09	61.9	2.02	115.1
Jun-09	75.6	1.00	72.3
Jul-09	23.3	0.29	39.4
Aug-09	15.0	1.23	45.7
Sep-09	10.6	0.48	31.7
Oct-09	14.8	1.74	63.9
Nov-09	99.6	4.15	137.8
Dec-09	142.7	3.52	164.4
Jan-10	422.2	4.50	204.2
Feb-10	73.1	1.36	127.7
Mar-10	161.0	3.36	148.5
Apr-10	163.1	2.31	118.3
May-10	121.0	3.26	148.0
Jun-10	32.0	1.30	98.7
Jul-10	16.4	0.34	56.0
Aug-10	10.1	0.76	36.6
Sep-10	9.9	1.40	50.4
Oct-10	17.9	3.02	105.8
Nov-10	149.2	5.13	189.2
Dec-10	175.4	3.76	195.4
Jan-11	342.4	4.94	228.0
Feb-11	127.4	2.76	173.0
Mar-11	112.7	3.58	176.9
Apr-11	140.7	2.92	150.2
May-11	138.8	4.68	195.8
Jun-11	251.0	4.27	202.1
Jul-11	33.2	0.59	114.8
Aug-11	15.0	0.23	52.9
Sep-11	25.8	3.36	97.9
Oct-11	63.4	3.87	149.5
Nov-11	298.2	6.63	258.3
Dec-11	449.8	8.35	345.2
Jan-12	385.4	4.73	296.7
Feb-12	168.3	4.28	252.6
Mar-12	443.1	6.43	270.9
Apr-12	355.7	5.04	258.1
May-12	177.6	2.92	203.0
Jun-12	76.7	0.73	104.0

Month	Calculated Flow (cfs)	Rainfall, PDX (inches)	Estimated Flow (cfs)
Jul-12	46.3	0.96	61.9
Aug-12	35.8	0.17	23.9
Sep-12	22.1	0.62	27.5
Oct-12	16.5	2.14	66.7
Nov-12	140.6	6.57	208.8
Dec-12	93.6	2.51	173.1
Jan-13	325.4	6.82	274.7
Feb-13	204.2	2.83	188.3
Mar-13	408.2	7.89	309.7
Apr-13	261.5	3.25	216.5
May-13	115.9	3.37	204.7
Jun-13	113.2	4.10	183.3
Jul-13	50.2	0.21	90.5
Aug-13	25.0	0.00	40.2
Sep-13	11.4	0.04	3.0

A similar table can also be developed for November 2022-April 2023, when estimates are available using the rating curve (Figure E.3) and the regression equation.

Table E.4. Calculated flows (using rating curve), Rainfall recorded at PDX, and estimated flows using the regression equation for November 2022-April 2023.

Month	Calculated Flow (cfs)	Rainfall, PDX (inches)	Estimated Flow (cfs)
Nov-22	98.0	5.17	182.7
Dec-22	504.6	7.76	304.4
Jan-23	263.9	3.34	238.5
Feb-23	147.2	2.49	181.6
Mar-23	286.9	4.36	179.8
Apr-23	541.4	5.08	215.8

Figure E.5 shows the regression relationship. Green points represent the 6 months from November 2022-April 2023. The points representing December 2022 and April 2023 plot noticeably above the 1:1 line; these months had elevated streamflow due to rainfall events. The rating curve was used in the flow budget for these months rather than the regression equation. There is more uncertainty for these months due to few measurements at elevated flows.

The absolute mean error for the regression shown in Figure E.5 is 51.6 cfs. The regression is more uncertain at flows above approximately 300 cfs. However, the regression provides a reasonable methodology to estimate of the flows at Goodwin Road for May-October 2022.

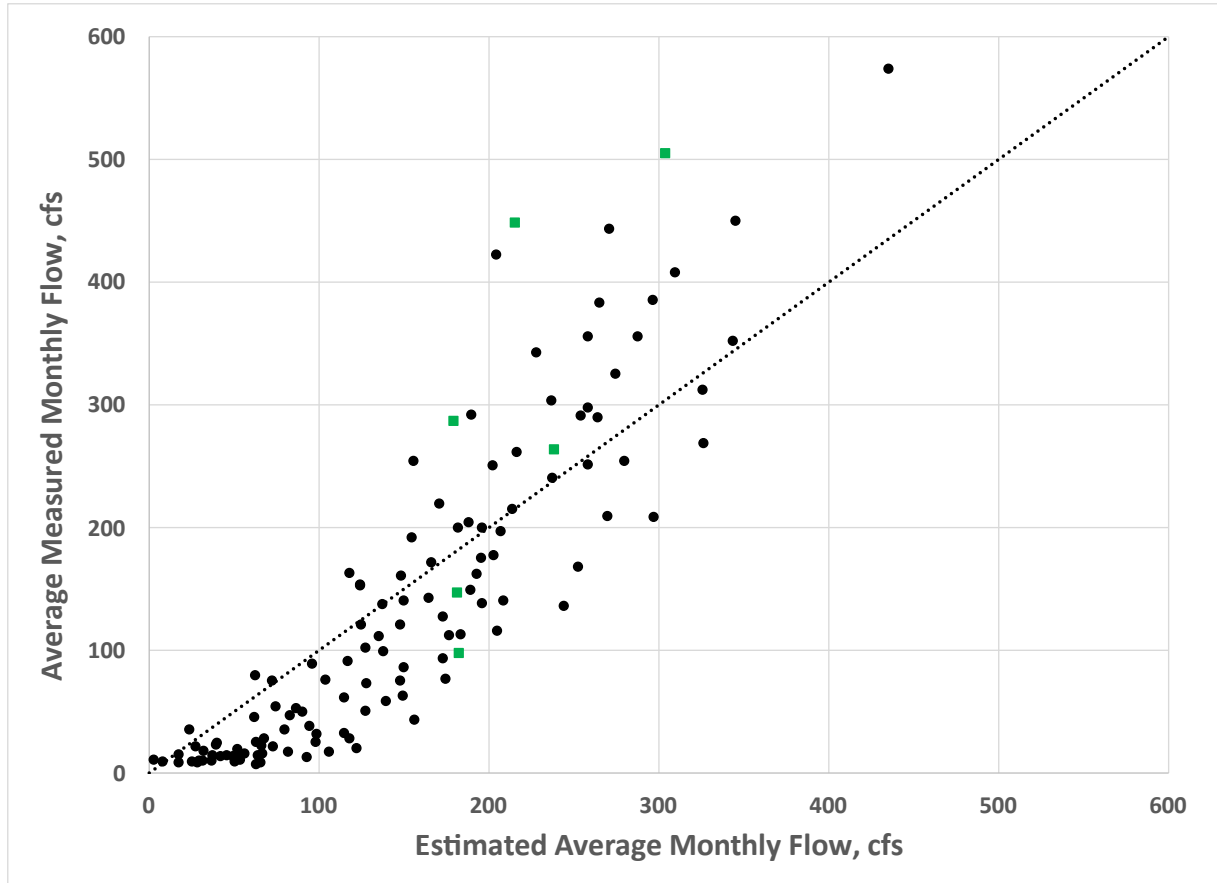


Figure E.5. Regression between estimated flows using the regression equation (x -axis) and measured flows by Clark County (y-axis) for 2003-2012 are shown in black dots. Green squares represent estimates using the regression (x-axis) and flows calculated using the rating curve (y-axis) for November 2022-April 2023. 1-1 line is also shown.