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Technical Report Overview

Report: Koochanusa Water Quality 2017 Report

Overview: This report summarizes the 2017 water quality results at the five monitoring stations in the Koochanusa Reservoir required under Permit 107517.

This report was prepared by Teck.

For More Information

If you have questions regarding this report, please:

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Permit 107517

2017 Summary Report of Monitoring Results
in the Kooicanusa Reservoir

June 28, 2018

A handwritten signature in blue ink that reads "M. Moore". The letters are cursive and slightly slanted.

Michael Moore EP, Water Quality
Lead Regional Water Monitoring

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Executive Summary

Environmental Management Act Permit 107517 takes an area based approach to authorizing and managing water quality constituents of interest originating from current and historical mining activities in the Elk River watershed. To do so requires an extensive surface water monitoring program that extends to five sampling locations in the Koochanusa Reservoir. These permitted sampling locations are used to evaluate compliance, and supporting implementation of the Elk Valley Water Quality Plan. The following report is submitted in fulfillment of Section 10.8 of Permit 107517 and summarizes activities and monitoring results (specifically water quality results as that was the only monitoring completed by Teck in the reservoir in 2017) in the Koochanusa Reservoir as well as measurements relative to the appropriate Site Performance Objectives during the 2017 calendar year.

This report is also submitted to fulfill requirements as outlined in the Ministry of Environment and Climate Change Strategy notification of acceptance of Teck Coal's updated Koochanusa Reservoir Study Design 2018-2020. On June 8, 2018, Teck received notification from the Ministry of Environment and Climate Change Strategy that the study design as updated, has been accepted subject to multiple conditions, one of which indicating that a summary of monthly selenium and nitrate loadings to the Koochanusa Reservoir must be included in the annual Koochanusa Reservoir monitoring report required in Section 10.8 of Permit 107517, commencing with the report due June 30, 2018.

In 2017 water quality monitoring was completed at the sampling locations and frequencies as required by the Surface Water Discharge and Receiving Environment Monitoring Program described in Appendix 2 of Permit 107517. For the purpose of this report, loadings were also calculated for nitrate and selenium into the Koochanusa Reservoir based on data captured on the Elk River. Calculated flow and measured water quality concentrations for the parameters listed above were collected at a non-permitted monitoring location at the mouth of the Elk River just upstream of the confluence with the Koochanusa Reservoir at the Highway 93 bridge monitoring location.

No other activities were carried out in the Koochanusa Reservoir in 2017.

There were no exceedances to the Site Performance Objectives at the Koochanusa Reservoir Order Station EMS E300230 (RG_DSELK) in 2017. All samples were collected as required with the exception of winter months when the reservoir is in a riverine state with ice cover/flowing water conditions and inaccessible due to safety concerns as recognized by Permit 107517.

1 Introduction

After consideration of the July 22, 2014, Elk Valley Water Quality Plan (EVWQP) and approval by the Ministry of Environment (ENV) on November 18, 2015, Permit 107517 was issued under provisions of the *Environmental Management Act* (EMA). Permit 107517 takes an area-based approach to authorizing and managing water quality constituents of interest originating from current and historical mining activities in the Elk Valley.

This report was prepared to meet the requirements of Section 10.8 of Permit 107517 and summarizes activities and specific water quality results in the Koochanusa Reservoir as well as measurements relative to appropriate Site Performance Objectives during the 2017 calendar year. This report also satisfies requirements as described in the Final Koochanusa Reservoir Study Design, 2018-2020 acceptance notification which states that Teck must report a summary of monthly selenium and nitrate loadings to the Koochanusa Reservoir and a summary explanation including the formula used to calculate monthly loading and methods to estimate both flow and concentrations.

This document will also be submitted to the Koochanusa Reservoir Monitoring and Research Working Group and the Environmental Monitoring Committee (EMC) as a fulfillment of reporting requirements associated with Teck's mining authorizations in the Elk Valley.

The Elk Valley, located in the southeast corner of British Columbia, is bisected by the Elk River which in turn is fed by a number of tributaries of which the Fording River and Michel Creek are the largest. The Elk River then flows into the Koochanusa Reservoir which is located approximately 75 km downstream of all Teck mining operations and forms part of the United States/Canada border (Figure 1).

The following report summarizes monitoring data for receiving environment water sampling sites in the Koochanusa Reservoir as required in Permit 107517. No other activities were carried out by Teck in the Koochanusa Reservoir in 2017.

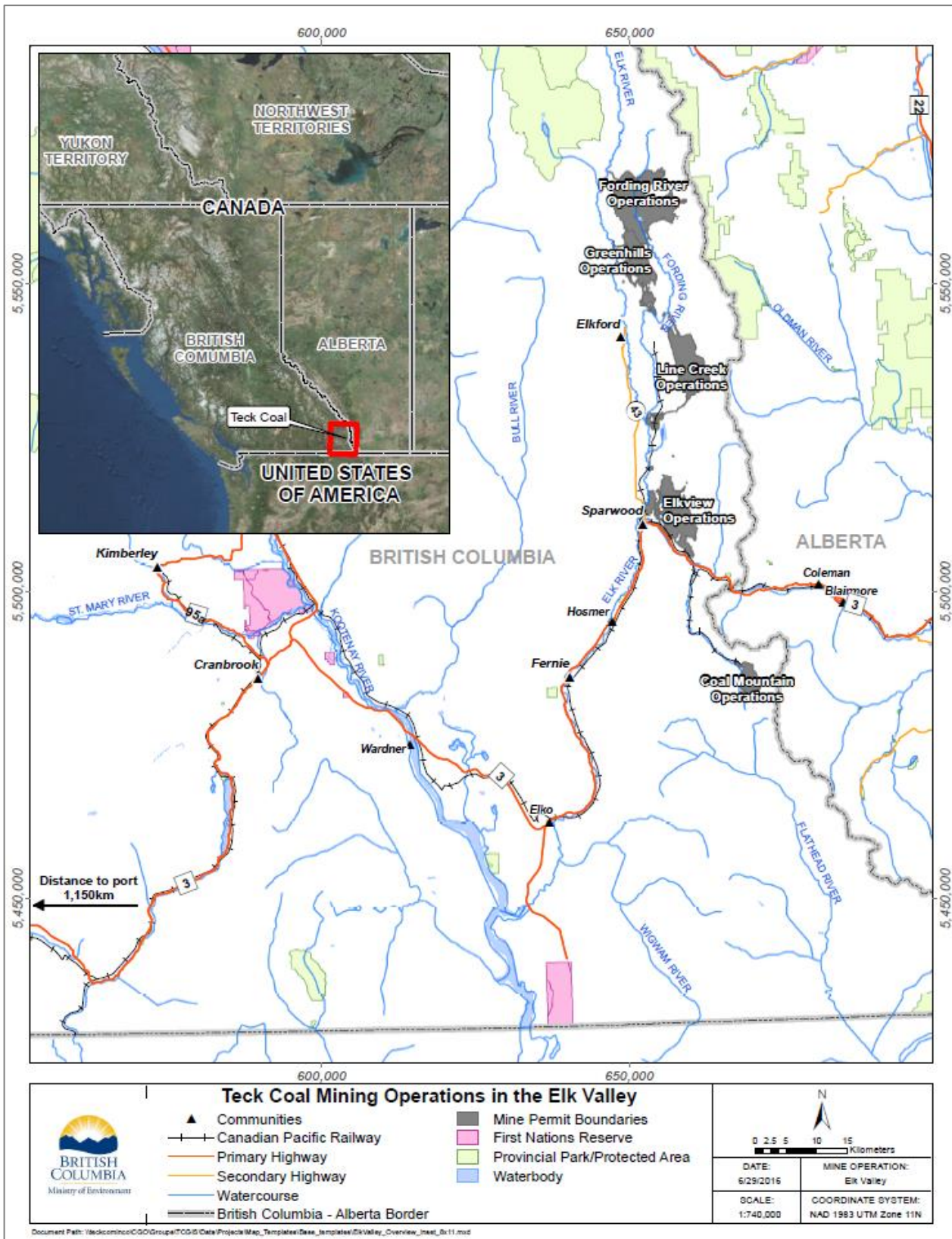


Figure 1. Location of Teck's operations within the Elk Valley, British Columbia.

1.1 Receiving Environment Water Sampling Sites

Permit 107517 requires the collection of water samples in the Koochanusa Reservoir at five locations as indicated in Figure 2. One location is considered an Order Station with Site Performance Objectives (SPOs) and the remaining four are monitoring locations. SPOs were developed to evaluate the implementation success of the Elk Valley Water Quality Plan. To aid in this evaluation, an SPO in the Koochanusa Reservoir was established at RG_DSELK, the Koochanusa Reservoir – South of the Elk River. A summary of the short-term SPOs are presented in Table 1 below as this is the current SPO that applies to data captured in the reservoir.

Table 1. Short-term site performance objectives established at Order stations within the Elk Valley.

EMS ID	Site ID	Constituent	Monthly Average SPO	Timeframe
E300230	RG_DSELK	Total Selenium	2 µg/L	Immediately
		Nitrate-N	3 mg/L as N	Immediately
		Sulphate	308 mg/L	Immediately
		Dissolved Cadmium	0.19 µg/L	Immediately

Notes:

1. Environmental Monitoring Site (EMS) identification numbers (IDs) correspond to those listed in the Ministry's monitoring data repository.
2. As was the case for effluent limits developed for Compliance Points, SPOs for cadmium are hardness dependent and for purposes herein have been set at 360 mg/L as CaCO₃ (sites 0200378, 0200028, and E206661), 200 mg/L as CaCO₃ (sites 0200027, 0200393, and E294312), and 150 mg/L as CaCO₃ (site E300230), respectively.

Table 2 provides sample location descriptions with Table 3 indicating monitoring frequency and measured parameters.

Table 2. Summary of receiving environment water sampling sites for the Koochanusa Reservoir based on the version of Permit 107517 dated October 13, 2017.

EMS ID	Site ID	Sampling Site Type	Sampling Site Description
E300095	RG_KERRRD	Receiving Environment	Koochanusa Reservoir Downstream of Kikkoman Creek
E300092	RG_GRASMERE	Receiving Environment	Koochanusa Reservoir West of Grasmere
E300093	RG_USGOLD	Receiving Environment	Koochanusa Reservoir Upstream of Gold Creek
E300094	RG_BORDER	Receiving Environment	Koochanusa Reservoir Upstream of the Canada/US border
E300230	RG_DSELK	Receiving Environment	Koochanusa Reservoir – South of the Elk River

Notes:

1. Environmental Monitoring Site (EMS) identification numbers (IDs) correspond to those listed in the ENV's monitoring data repository.
2. All receiving water sampling sites within the Koochanusa Reservoir are located on lands and waters of Canada.

Table 3. Koocanusa Reservoir Monitoring Frequency and measured parameters.

MONITORING SITES – KOOCANUSA RESERVOIR					
Site ID	RG_KERRRD	RG_GRASMERE	RG_USGOLD	RG_BORDER	LK2 RG_DSELK
<i>EMS Number</i>	<i>E300095</i>	<i>E300092</i>	<i>E300093</i>	<i>E300094</i>	<i>E300230</i>
MONITORING FREQUENCY					
Field Parameters	M	M	M	M	M
Conventional Parameters	M/EH	M/EH	M/EH	M	M/EH
Major Ions	M/EH	M/EH	M/EH	M	M/EH
Nutrients	M/EH	M/EH	M/EH	M	M/EH
Total and Dissolved Metals Scan	M/EH	M/EH	M/EH	M	M/EH
Secchi depth and chlorophyll-a	M	M	M	M	M

Notes:

1. M = Monthly Sampling
2. M/EH = Monthly frequency of one epilimnetic composite of water sampled from three depths (e.g. 1m, 5m,10m) and another hypolimnetic composite of water sampled from three depths (e.g. 20m,32m,45m)
3. Individual parameters listed in section 2.1

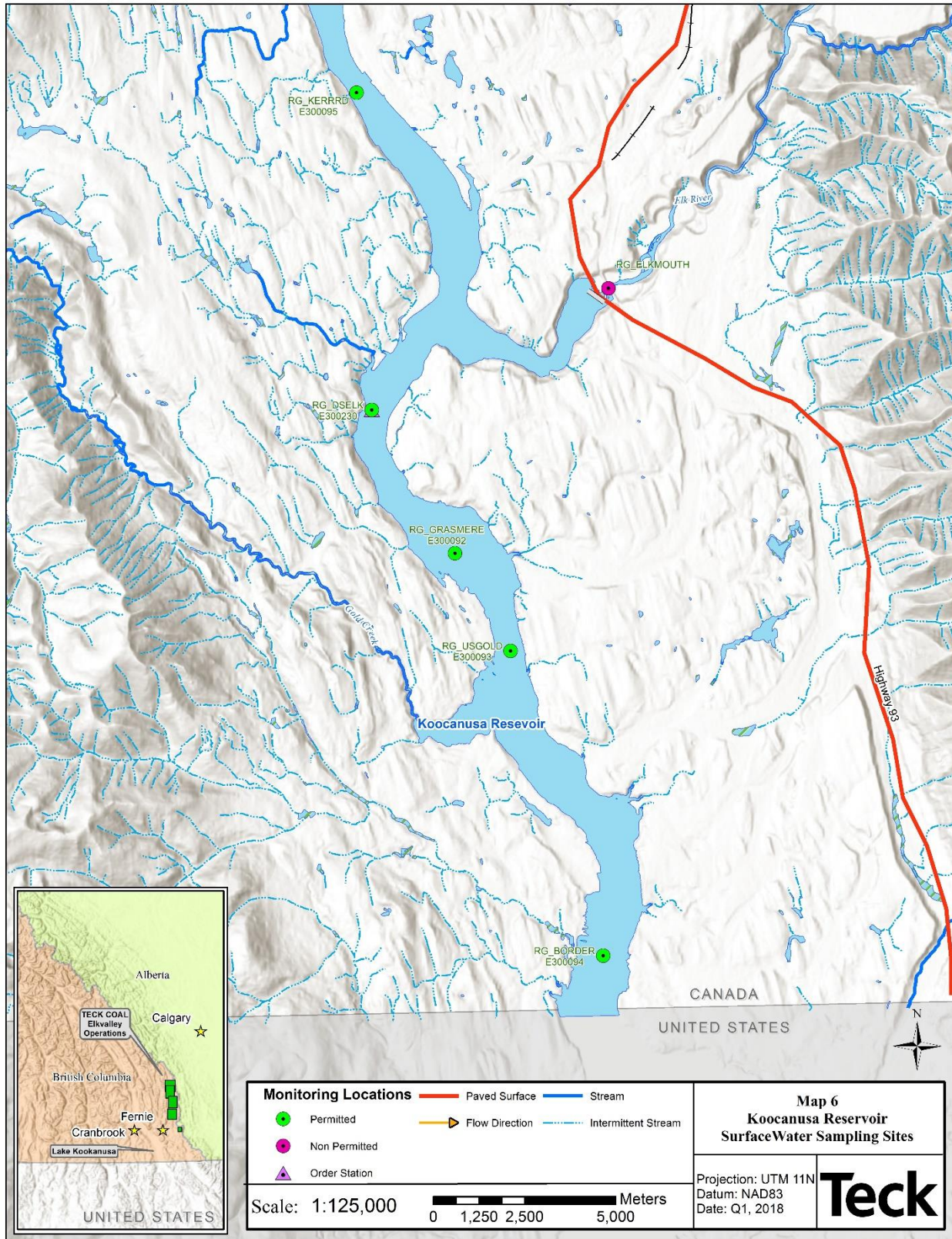


Figure 2. Koochanusa Reservoir Monitoring Locations

2 Surface Water Monitoring Program

As outlined in Permit 107517, water samples are routinely collected from the Koocanusa Reservoir. The following section provides a summary of water quality monitoring results collected in 2017. Additional information in regards to sampling methodologies and quality assurance/quality control (QA/QC) activities can be found in the Permit 107517 Annual Water Quality report submitted March 31st of each year.

2.1 Surface Water Monitoring Program

Surface water sampling activities are carried out over a range of frequencies throughout the calendar year (e.g., weekly, monthly, quarterly etc.), with samples analyzed for a number of water quality parameters including:

- **Field Parameters** - water temperature, specific conductance, dissolved oxygen, pH, flow.
- **Conventional Parameters** - specific conductance, total dissolved solids, total suspended solids, hardness, alkalinity, dissolved organic carbon, total organic carbon, turbidity.
- **Major Ions** - bromide, fluoride, calcium, chloride, magnesium, potassium, sodium, sulphate, sulphide.
- **Nutrients** - ammonia, nitrate, nitrite, total Kjeldahl nitrogen (TKN), orthophosphate, total phosphorus.
- **Dissolved Metals** - aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, chromium, cobalt, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, thallium, tin, titanium, uranium, vanadium, and zinc.
- **Total Metals** - aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, chromium, cobalt, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, thallium, tin, titanium, uranium, vanadium, and zinc.
- **Additional Parameters Specific to Koocanusa Reservoir** - Secchi depth and chlorophyll-a.

2.2 Surface Water Quality – Receiving Environment Monitoring Results

A summary of 2017 water quality data recorded at monitoring locations in the Koocanusa Reservoir for total selenium, nitrate nitrogen and sulphate is presented in Figures 3 to 17. For all non Order Stations, results are compared to British Columbia Water Quality Guidelines and for Order Station RG_DSELK, data is compared to Site Performance Objectives; note these are the same values in most cases.

Data are presented as monthly averages where all samples collected within each month are averaged to yield one monthly average result. Note that in some cases, only one sample is collected per month in line with the sampling frequency outlined in Permit 107517. All water quality data, including samples used to calculate monthly averages, is in Appendix A. Although not previously included in annual or quarterly reporting under Permit 107517, data collected from RG_ELKMOUTH is also included in Appendix A as it was used in the monthly loading calculations.

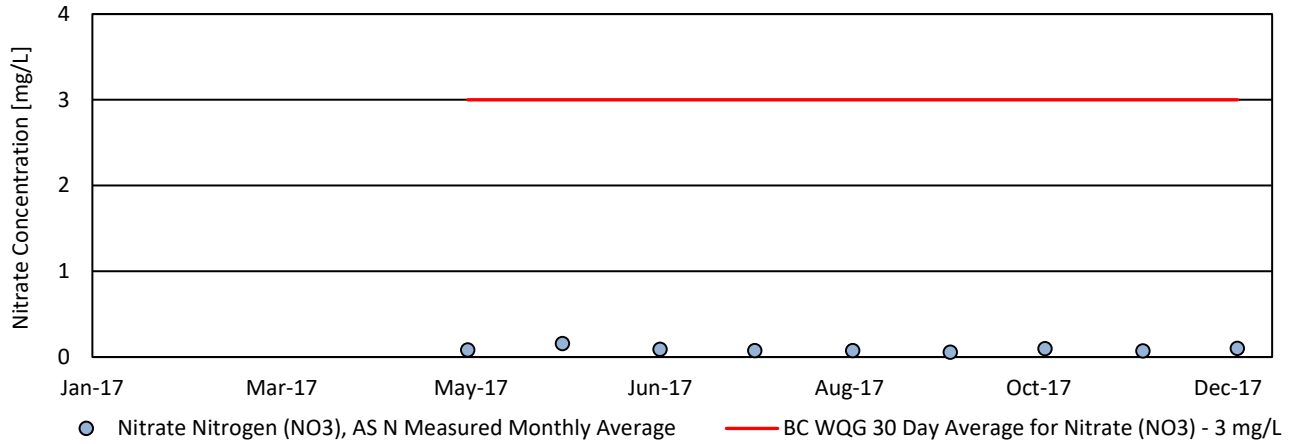


Figure 3. Monthly Average Nitrate Concentrations at RG_KERRRD E300095

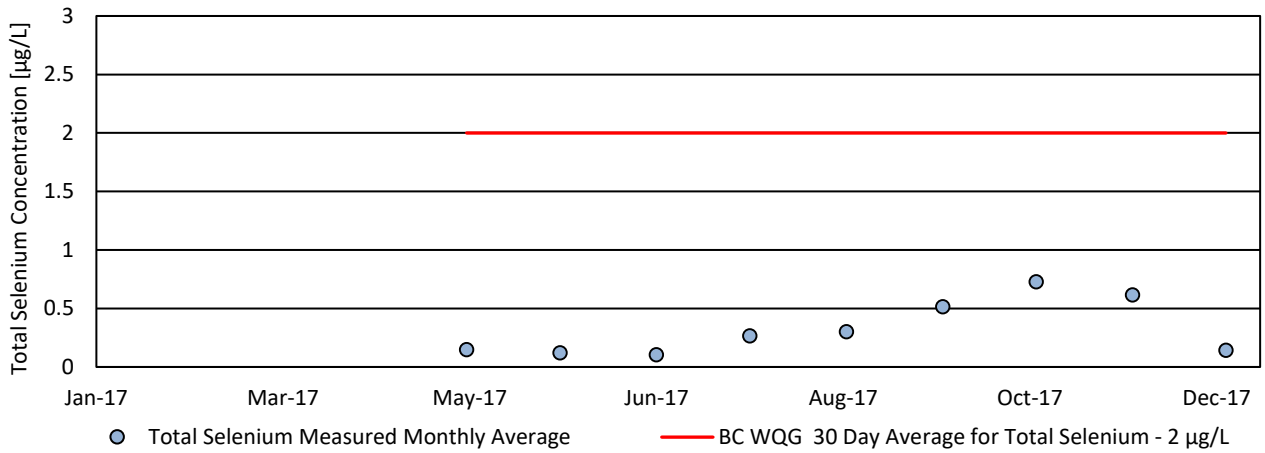


Figure 4. Monthly Average Total Selenium Concentrations at RG_KERRRD E300095

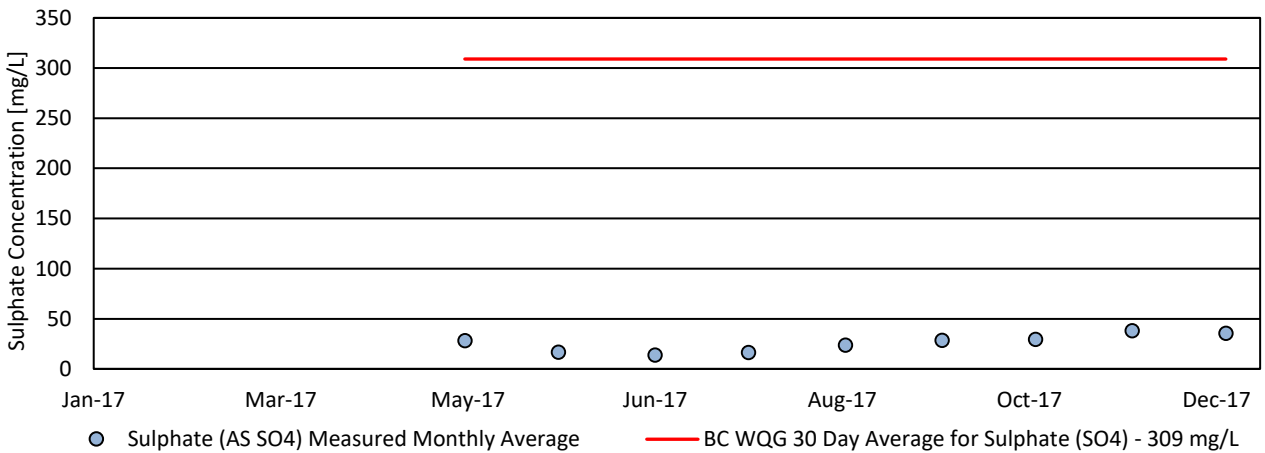


Figure 5. Monthly Average Sulphate Concentrations at RG_KERRRD E300095

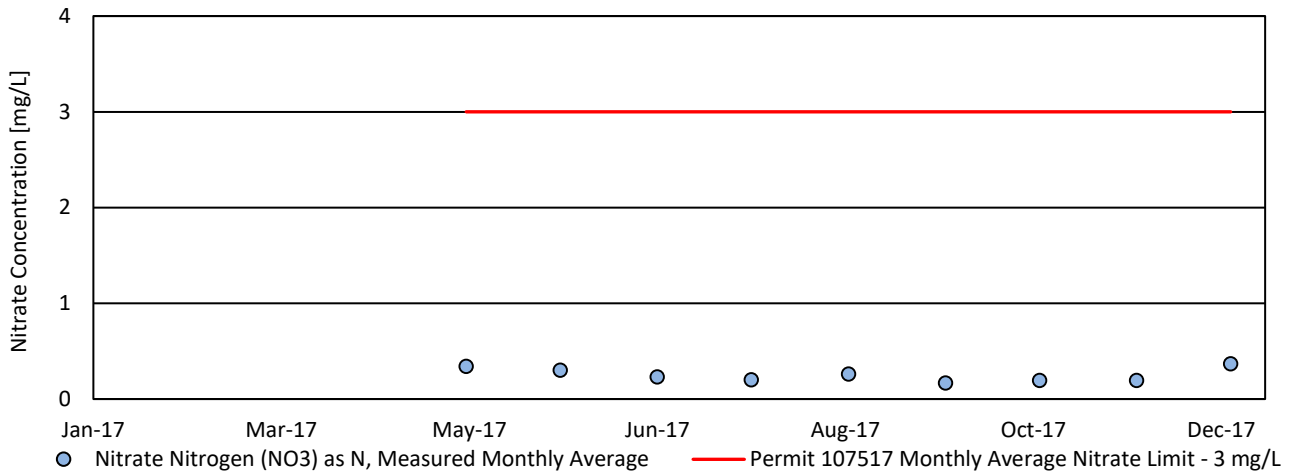


Figure 6. Monthly Average Nitrate Concentrations at RG_DSELK E300230

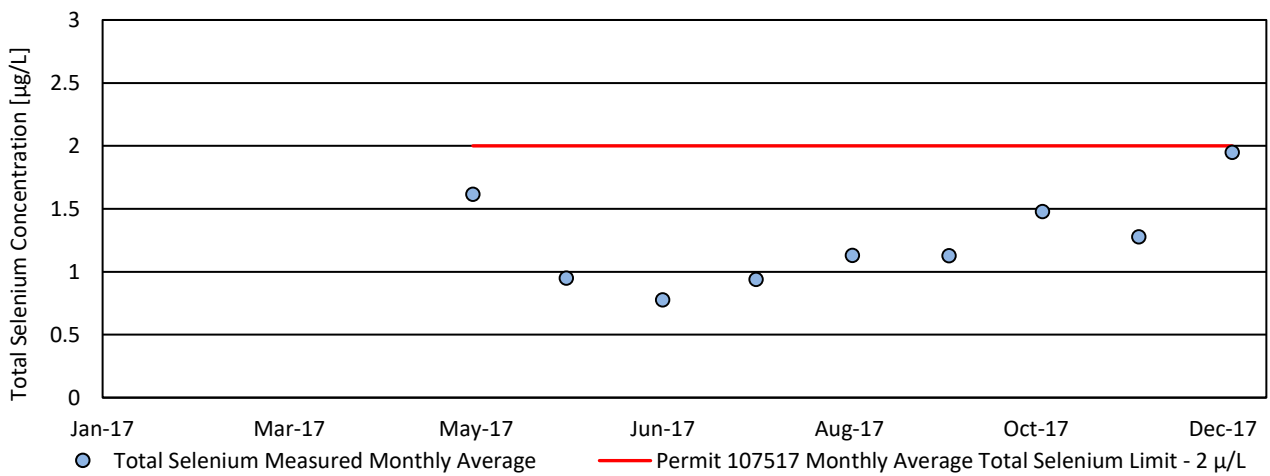


Figure 7. Monthly Average Total Selenium Concentrations at RG_DSELK E300230

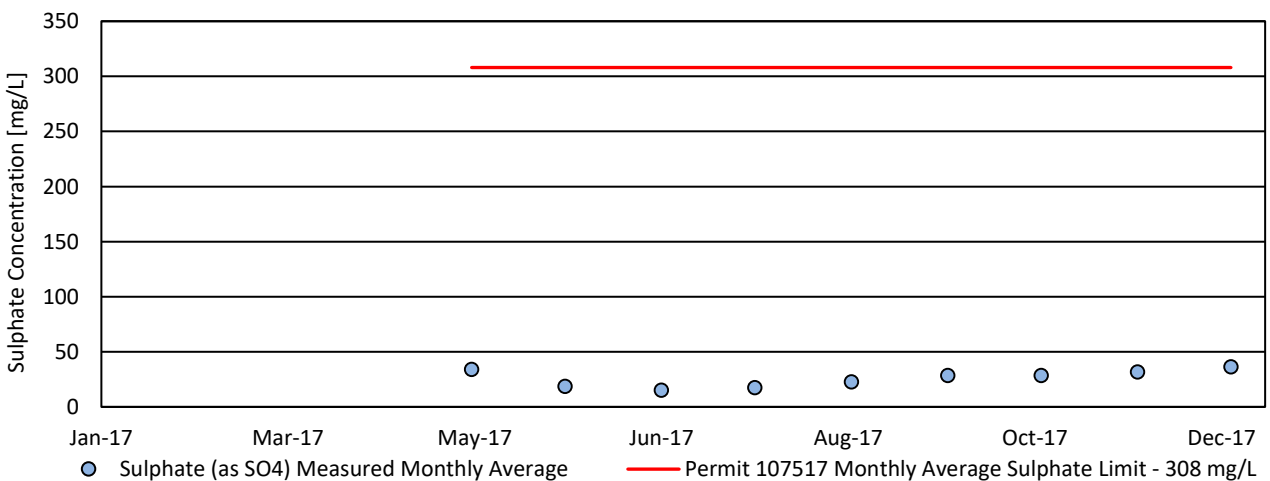


Figure 8. Monthly Average Sulphate Concentrations at RG_DSELK E300230

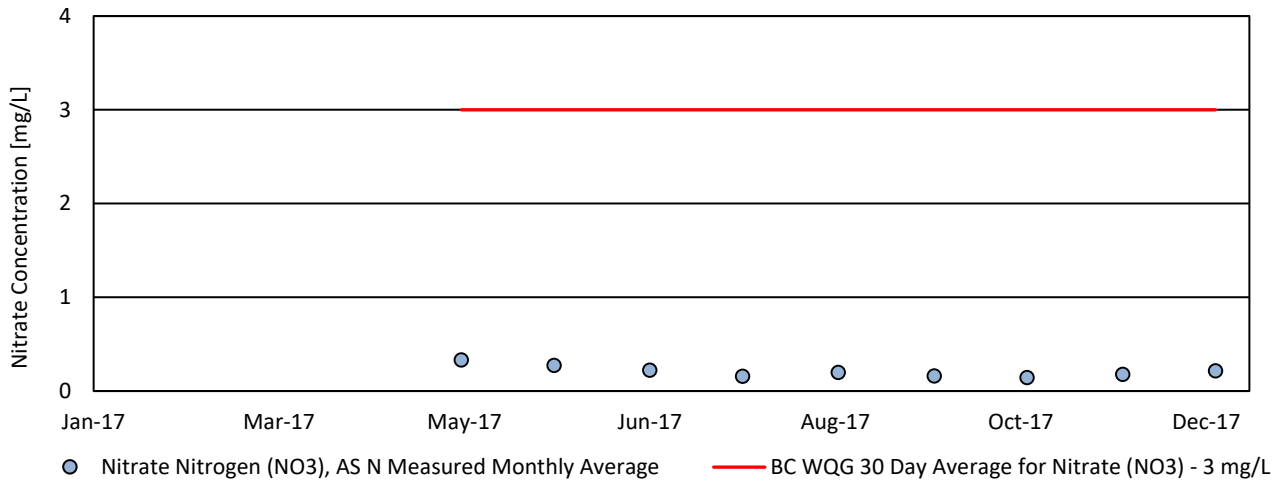


Figure 9. Monthly Average Nitrate Concentrations at RG_GRASMERE E300092

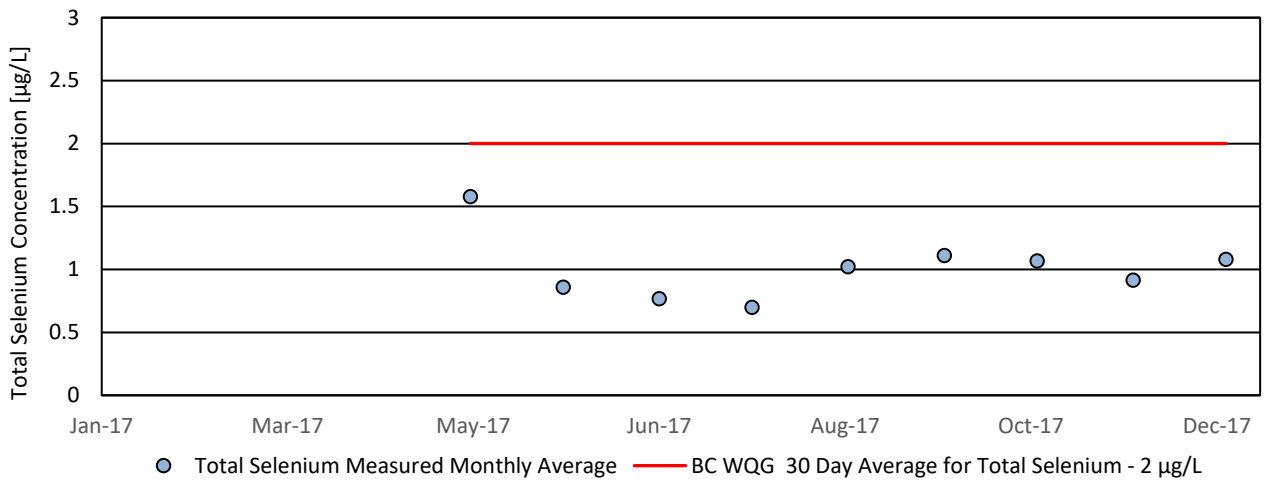


Figure 10. Monthly Average Total Selenium Concentrations at RG_GRASMERE E300092

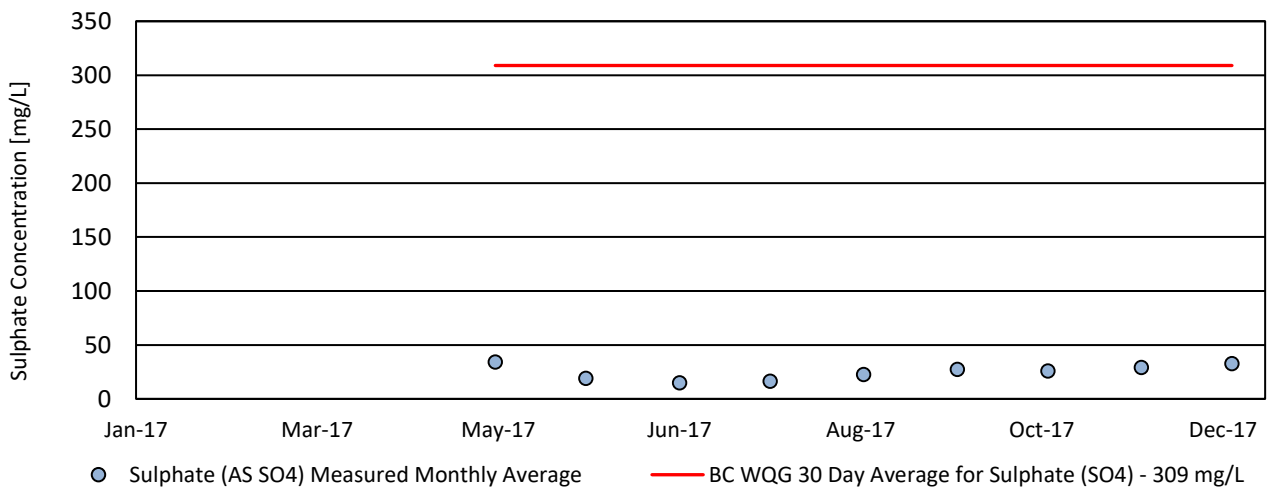


Figure 11. Monthly Average Sulphate Concentrations at RG_GRASMERE E300092

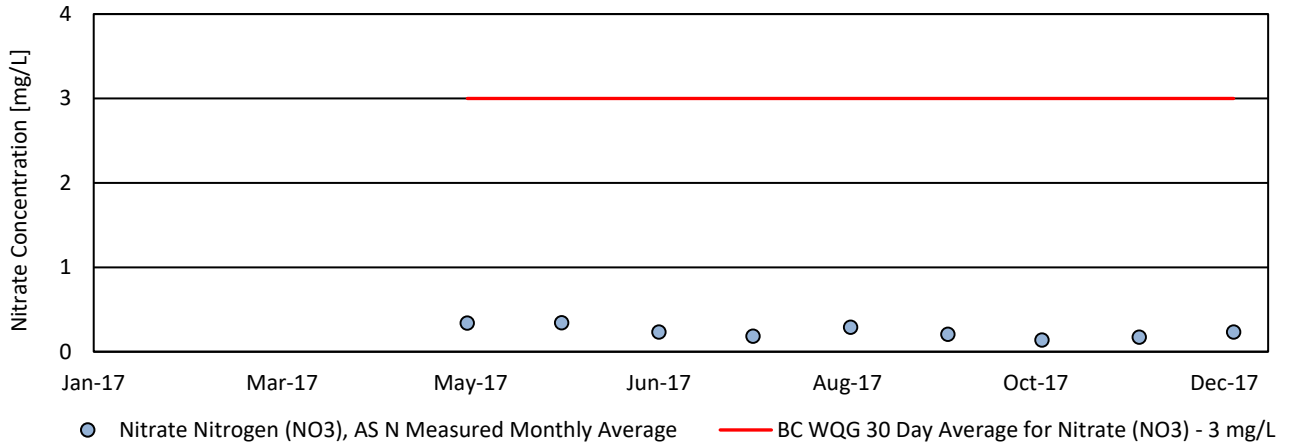


Figure 12. Monthly Average Nitrate Concentrations at RG_USGOLD E300093

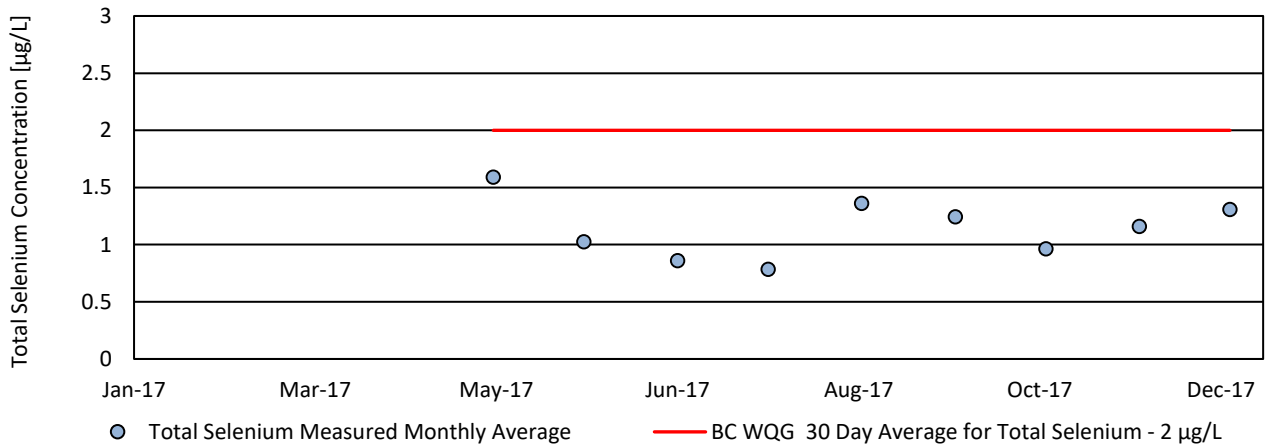


Figure 13. Monthly Average Total Selenium Concentrations at RG_USGOLD E300093

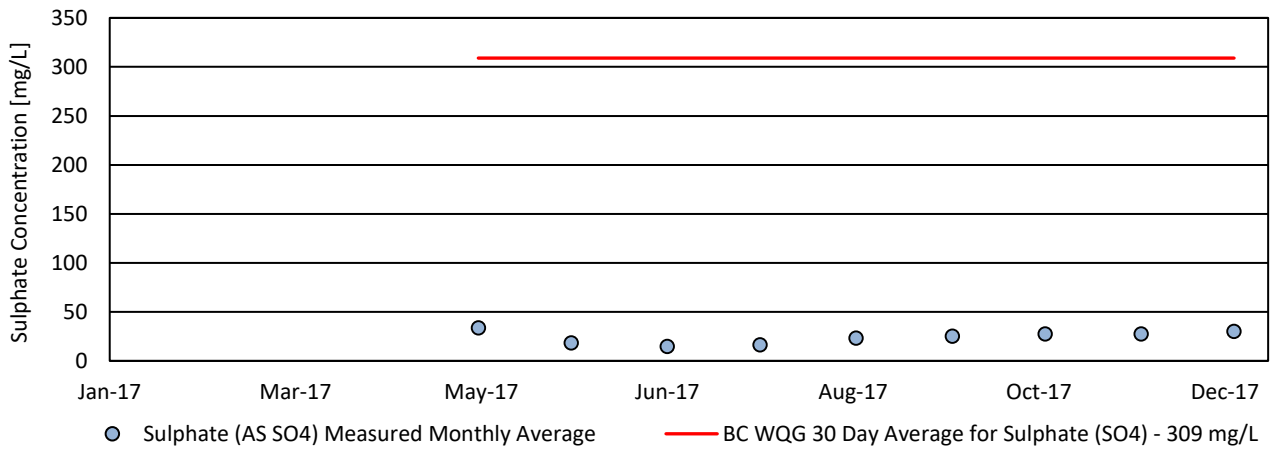


Figure 14. Monthly Average Sulphate Concentrations at RG_USGOLD E300093

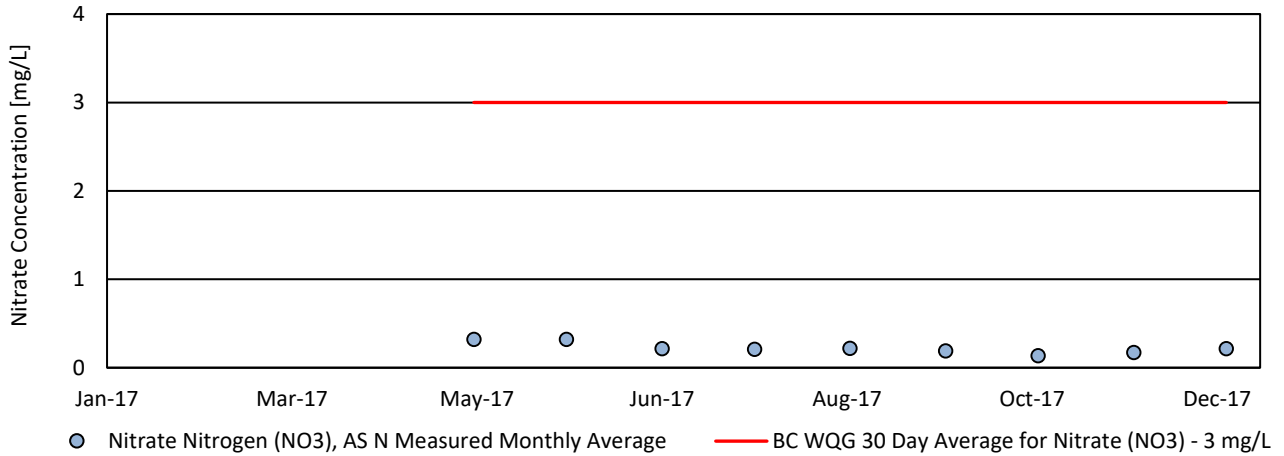


Figure 15. Monthly Average Nitrate Concentrations at RG_BORDER E300094

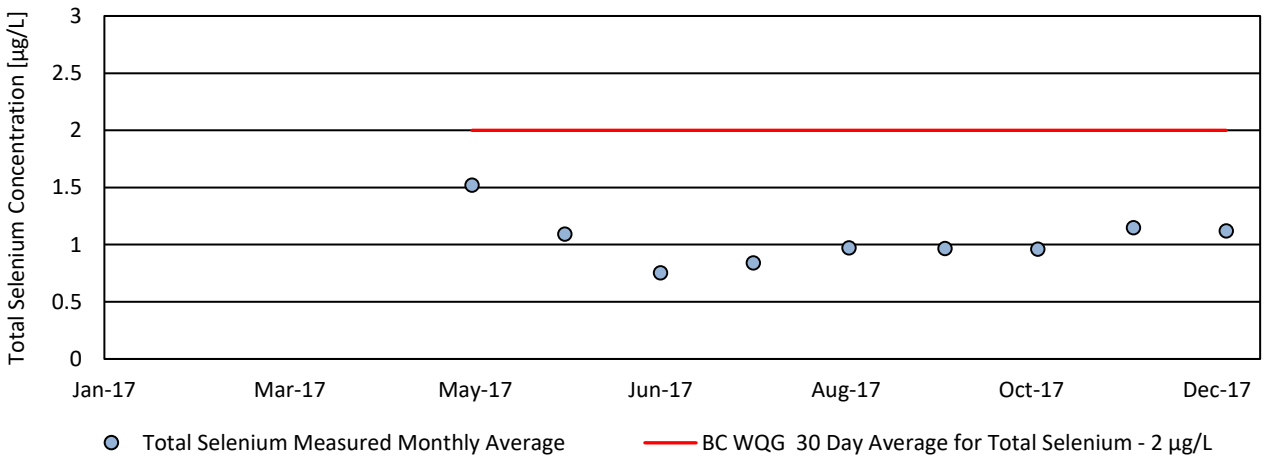


Figure 16. Monthly Average Selenium Concentrations at RG_BORDER E300094

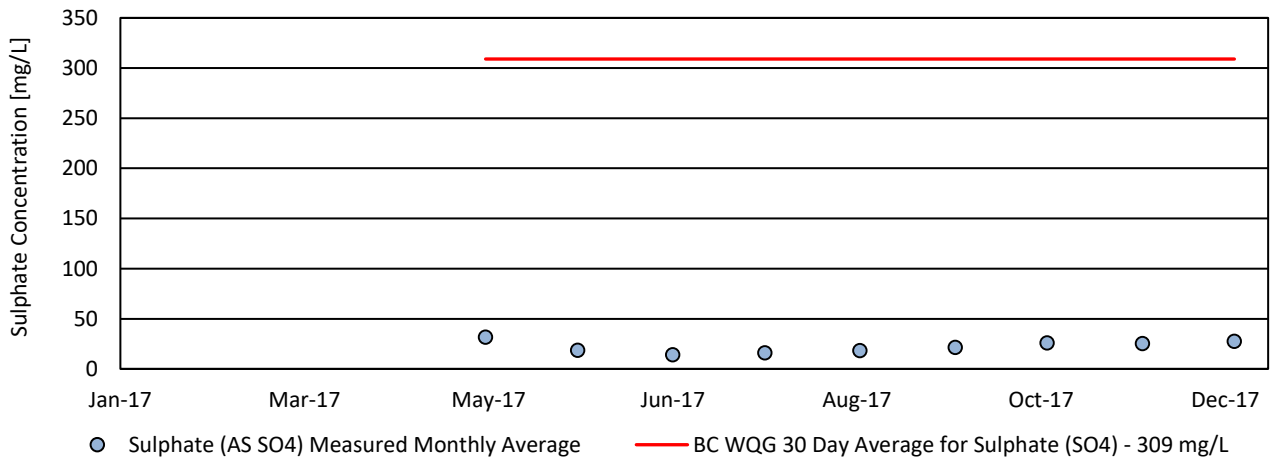


Figure 17. Monthly Average Sulphate Concentrations at RG_BORDER E300094

2.3 Estimated Monthly Loadings to the Koochanusa Reservoir

Monthly loadings to the Koochanusa Reservoir of selenium and nitrate are presented in Table 4 below. Monthly average concentrations of selenium and nitrate measured at RG_ELKMOUTH relative to flow were used to estimate loadings in to the reservoir. Flow is not measured directly at RG_ELKMOUTH; rather, flow is scaled from the nearest continuous flow monitoring station on the Elk River which is located in Fernie, BC and is operated by the Water Survey of Canada. A factor of 1.53 is used to scale the flow measured at the Fernie hydrometric station to estimate flow at RG_ELKMOUTH which is located immediately upstream of the confluence of the Elk River and Koochanusa Reservoir at the Hwy 93 bridge.

This scaling method was derived by Golder Associates using current Environment Canada hydrometric gauges (Elk River at Fernie 08NK002) and historical hydrometric gauges (Elk River at Phillips Bridge 08NK005). Flow is prorated based on a relationship between monthly flows where $RG_ELKMOUTH = RG_FERNIE \times 1.53$.

Hydrometric data specific to the Elk River at Fernie station (08NK002) can be found at the following link.

https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=08NK002

All continuous hydrometric data collected and managed by the Water Survey of Canada can be found at the following link.

https://wateroffice.ec.gc.ca/mainmenu/real_time_data_index_e.html

Table 4. Estimated Monthly Loadings to the Koochanusa Reservoir of Nitrate and Selenium

Date	Monthly Average Concentrations		Daily Average Flow @ RG_ELKFERNIE (m ³ /s)	Daily Average Flow @ RG_ELKMOUTH (m ³ /s) (scaled from RG_ELKFERNIE factor of 1.53)	Estimated Loads in Koochanusa Reservoir	
	Nitrate Nitrogen (NO ₃), AS N (mg/L)	Total Selenium (mg/L)			Nitrate NO ₃ (kg/month)	Total Selenium (kg/month)
January	1.5900	0.0062	17.11	26.18	111480	433
February	1.4700	0.0063	20.81	31.83	113212	485
March	1.0435	0.0048	22.10	33.81	94491	432
April	0.8215	0.0043	38.02	58.17	123853	646
May	0.7806	0.0037	159.88	244.61	511426	2404
June	0.7520	0.0034	180.16	275.64	537282	2431
July	0.8175	0.0041	57.41	87.84	192327	956
August	1.0800	0.0053	27.57	42.19	122038	597
September	1.2300	0.0060	20.98	32.09	102322	498
October	1.1600	0.0064	19.37	29.64	92082	509
November	1.2400	0.0071	19.80	30.29	97367	560
December	1.1400	0.0061	17.89	27.37	83560	447

Notes:

1. Flow data is scaled from WSC station located in Fernie. Data used for these calculations has not undergone QAQC by WSC
2. Winter flows are subject to ice cover on the Elk River

Estimated loads in the Koochanusa Reservoir (kg/month) are calculated using the following formula. Note that the calculated daily load is then multiplied by the number of days in each month to result in a monthly loading rate and meet the requirement for this report.

$$m^3/s * mg/L * 86.4 = kg/day * number\ of\ days\ in\ each\ month$$

3 Summary

Environmental Management Act Permit 107517 takes an area based approach to authorizing and managing water quality constituents of interest originating from current and historical mining activities in the Elk Valley. To do so requires a surface water monitoring program that extends to five sampling locations in the Koochanusa Reservoir. These permitted sampling locations are used to evaluate compliance, and support implementation of the Elk Valley Water Quality Plan. The above report is submitted in fulfillment of Section 10.8 of Permit 107517 and summarizes activities and specific water quality results in the Koochanusa Reservoir and compares results to appropriate Site Performance Objectives and BC Water Quality Guidelines for 2017 data.

This report is also submitted to fulfill requirements as outlined in the Ministry of Environment and Climate Change Strategy notification of acceptance of Teck Coal's updated Koochanusa Reservoir Study Design 2018-2020. On June 8, 2018, Teck received notification from the Ministry of Environment and Climate Change Strategy that the submitted study design, has been accepted subject to multiple conditions, one of which indicating that a summary of monthly selenium and nitrate loadings to the Koochanusa Reservoir must be included in the annual Koochanusa Reservoir monitoring report required in Section 10.8 of Permit 107517, commencing with the report due June 30, 2018.

In 2017 water quality monitoring was completed at the sampling locations and frequencies as required by the Surface Water Discharge and Receiving Environment Monitoring Program described in Appendix 2 of Permit 107517. For the purpose of this report, loadings were also calculated for nitrate and selenium into the Koochanusa Reservoir based on data captured on the Elk River. Calculated flow and measured water quality concentrations for nitrate and selenium were collected at a non-permitted monitoring location at the mouth of the Elk River just upstream of the confluence with the Koochanusa Reservoir at the Highway 93 bridge monitoring location.

No other activities were carried out in the Koochanusa Reservoir in 2017.

There were no exceedances to the Site Performance Objectives at the Koochanusa Reservoir Order Station EMS E300230 (RG_DSELK) in 2017. All samples were collected as required with the exception of winter months when the reservoir is in a riverine state with ice cover/flowing water conditions and inaccessible due to safety concerns as recognized by Permit 107517.

4 Appendix A – 2017 Koochanusa Monitoring Data

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
04/11/2017	RG_BORDER	143	0.0928	0.610	0.05	0.14	0.84	1.21	0.0836
04/11/2017	RG_BORDER	143	0.0083	0.607	< 0.10	0.17	0.63	1.21	0.0813
04/11/2017	RG_BORDER	145	0.1370	0.565	< 0.10	0.14	0.91	1.17	0.0855
04/11/2017	RG_BORDER	142	0.1330	0.659	< 0.10	0.12	0.99	1.26	0.0841
04/17/2017	RG_BORDER	141	0.0101	0.664	0.05	0.13	0.65	1.30	0.0652
04/17/2017	RG_BORDER	142	0.0103	0.634	< 0.10	0.14	0.67	1.29	0.0644
04/17/2017	RG_BORDER	141	0.0111	0.652	< 0.10	0.12	0.66	1.26	0.0671
04/17/2017	RG_BORDER	139	0.0088	0.706	< 0.10	0.12	0.62	1.35	0.0641
04/24/2017	RG_BORDER	134	0.0111	1.720	0.10	0.14	0.77	1.61	0.0657
04/24/2017	RG_BORDER	134	0.0089	1.350	0.11	0.14	0.67	1.58	0.0565
04/24/2017	RG_BORDER	136	0.0116	1.490	0.1	0.14	0.83	1.56	0.0730
04/24/2017	RG_BORDER	132	0.0128	2.320	0.1	0.15	0.80	1.70	0.0677
05/02/2017	RG_BORDER	133	0.0132	1.147	0.05	0.17	0.76	1.38	0.0616
05/02/2017	RG_BORDER	136	0.0122	0.964	< 0.10	0.18	0.76	1.34	0.0639
05/02/2017	RG_BORDER	129	0.0142	1.330	< 0.10	0.16	0.76	1.42	0.0593
05/09/2017	RG_BORDER	115	0.0297	2.100	0.08	0.14	0.67	1.70	0.0436
05/09/2017	RG_BORDER	116	0.0296	2.030	< 0.10	0.14	0.68	1.69	0.0441
05/09/2017	RG_BORDER	113	0.0298	2.120	0.14	0.15	0.64	1.70	0.0435
05/09/2017	RG_BORDER	115	0.0298	2.150	< 0.10	0.14	0.69	1.71	0.0432
05/16/2017	RG_BORDER	109	0.0198	0.896	0.05	0.05	0.39	0.81	0.0382
05/16/2017	RG_BORDER	109	0.0194	0.827	< 0.10	< 0.10	0.39	0.78	0.0388
05/16/2017	RG_BORDER	108	0.0203	0.965	< 0.10	< 0.10	0.37	0.84	0.0368
05/16/2017	RG_BORDER	109	0.0198	0.897	< 0.10	< 0.10	0.42	0.81	0.0390
05/23/2017	RG_BORDER	114	0.0144	0.244	0.05	0.05	0.37	0.53	0.0406
05/23/2017	RG_BORDER	114	0.0140	0.138	< 0.10	< 0.10	0.38	0.49	0.0416
05/23/2017	RG_BORDER	112	0.0146	0.351	< 0.10	< 0.10	0.37	0.53	0.0396
05/23/2017	RG_BORDER	115	0.0145	0.243	< 0.10	< 0.10	0.36	0.57	0.0407
05/30/2017	RG_BORDER	108	0.0217	0.791	0.05	0.05	0.36	0.68	0.0358
05/30/2017	RG_BORDER	105	0.0226	0.506	< 0.10	< 0.10	0.36	0.63	0.0340
05/30/2017	RG_BORDER	107	0.0220	0.777	< 0.10	< 0.10	0.35	0.71	0.0354
05/30/2017	RG_BORDER	111	0.0204	1.090	< 0.10	< 0.10	0.37	0.70	0.0380
06/06/2017	RG_BORDER	106	0.0226	0.914	0.05	0.05	0.37	0.68	0.0331
06/06/2017	RG_BORDER	107	0.0123	0.082	< 0.10	< 0.10	0.42	0.40	0.0400
06/06/2017	RG_BORDER	105	0.0265	1.390	< 0.10	< 0.10	0.35	0.84	0.0291
06/06/2017	RG_BORDER	105	0.0290	1.270	< 0.10	< 0.10	0.33	0.79	0.0302
06/13/2017	RG_BORDER	98	0.1184	0.741	0.05	0.05	0.35	0.68	0.0330
06/13/2017	RG_BORDER	99	0.0139	0.091	< 0.10	< 0.10	0.37	0.41	0.0408
06/13/2017	RG_BORDER	95	0.3230	0.883	< 0.10	< 0.10	0.37	0.75	0.0293
06/13/2017	RG_BORDER	101	0.0183	1.250	< 0.10	< 0.10	0.32	0.89	0.0288
06/20/2017	RG_BORDER	95	0.0136	0.318	0.05	0.05	0.29	0.47	0.0318
06/20/2017	RG_BORDER	93	0.0124	0.067	< 0.10	< 0.10	0.34	0.38	0.0348
06/20/2017	RG_BORDER	94	0.0137	0.290	< 0.10	< 0.10	0.28	0.45	0.0292
06/20/2017	RG_BORDER	97	0.0146	0.596	< 0.10	< 0.10	0.25	0.57	0.0314
06/27/2017	RG_BORDER	98	0.0121	0.187	0.05	0.11	0.32	0.50	0.0389
06/27/2017	RG_BORDER	96	0.0122	0.044	< 0.10	0.12	0.34	0.44	0.0404

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
06/27/2017	RG_BORDER	96	0.0113	0.205	< 0.10	0.10	0.26	0.46	0.0368
06/27/2017	RG_BORDER	103	0.0127	0.311	< 0.10	0.10	0.35	0.61	0.0396
07/04/2017	RG_BORDER	90	0.0105	0.147	0.05	0.05	0.32	0.38	0.0374
07/04/2017	RG_BORDER	90	0.0095	0.037	< 0.10	< 0.10	0.35	0.36	0.0389
07/04/2017	RG_BORDER	86	0.0102	0.130	< 0.10	< 0.10	0.30	0.33	0.0337
07/04/2017	RG_BORDER	93	0.0117	0.273	< 0.10	< 0.10	0.32	0.46	0.0395
07/11/2017	RG_BORDER	93	0.0094	0.067	0.05	0.05	0.32	0.36	0.0373
07/11/2017	RG_BORDER	94	0.0091	0.035	< 0.10	< 0.10	0.34	0.37	0.0406
07/11/2017	RG_BORDER	89	0.0096	0.057	< 0.10	< 0.10	0.28	0.32	0.0329
07/11/2017	RG_BORDER	96	0.0094	0.109	< 0.10	< 0.10	0.34	0.38	0.0383
08/08/2017	RG_BORDER	99	0.0084	0.035	0.05	0.05	0.31	0.31	0.0382
08/08/2017	RG_BORDER	102	0.0053	0.021	< 0.10	< 0.10	0.32	0.30	0.0409
08/08/2017	RG_BORDER	97	0.0074	0.023	< 0.10	< 0.10	0.28	0.30	0.0355
08/08/2017	RG_BORDER	98	0.0124	0.061	< 0.10	< 0.10	0.33	0.34	0.0383
09/18/2017	RG_BORDER	107	0.0050	0.018	0.05	0.05	0.37	0.39	0.0437
09/18/2017	RG_BORDER	111	0.0038	0.013	< 0.10	< 0.10	0.39	0.39	0.0471
09/18/2017	RG_BORDER	111	0.0039	0.013	< 0.10	< 0.10	0.36	0.42	0.0457
09/18/2017	RG_BORDER	98	0.0072	0.028	< 0.10	< 0.10	0.35	0.37	0.0383
10/03/2017	RG_BORDER	113	0.0036	0.016	0.05	0.05	0.36	0.40	0.0478
10/03/2017	RG_BORDER	110	0.0035	0.011	< 0.10	< 0.10	0.34	0.39	0.0471
10/03/2017	RG_BORDER	110	0.0035	0.011	< 0.10	< 0.10	0.35	0.37	0.0466
10/03/2017	RG_BORDER	119	0.0038	0.025	< 0.10	< 0.10	0.40	0.44	0.0496
11/08/2017	RG_BORDER	113	< 0.0030	0.014	< 0.10	< 0.10	0.34	0.39	0.0482
11/08/2017	RG_BORDER	112	0.0032	0.013	< 0.10	< 0.10	0.37	0.42	0.0462
11/08/2017	RG_BORDER	115	0.0032	0.017	< 0.10	< 0.10	0.36	0.42	0.0489
11/08/2017	RG_BORDER	113	0.0026	0.015	0.05	0.05	0.36	0.41	0.0478
12/05/2017	RG_BORDER	114	0.0034	0.016	< 0.10	< 0.10	0.39	0.39	0.0515
12/05/2017	RG_BORDER	114	0.0037	0.018	< 0.10	< 0.10	0.37	0.43	0.0547
12/05/2017	RG_BORDER	120	0.0047	0.040	< 0.10	< 0.10	0.36	0.42	0.0574
12/05/2017	RG_BORDER	116	0.0039	0.025	0.05	0.05	0.37	0.41	0.0545
04/04/2017	RG_DSELK	145	0.0099	1.620	< 0.10	0.17	0.63	1.58	0.0853
04/11/2017	RG_DSELK	154	0.0117	2.840	< 0.10	0.17	0.68	2.37	0.0708
04/17/2017	RG_DSELK	154	0.0112	0.706	< 0.10	< 0.10	0.74	1.99	0.0653
04/24/2017	RG_DSELK	135	0.0159	8.150	0.11	0.30	0.91	5.41	0.0664
05/02/2017	RG_DSELK	141	0.0127	2.660	< 0.10	0.20	0.60	2.03	0.0569
05/09/2017	RG_DSELK	128	0.0211	4.910	< 0.10	0.20	0.57	3.25	0.0424
05/16/2017	RG_DSELK	111	0.0155	1.190	< 0.10	0.10	0.41	1.04	0.0357
05/23/2017	RG_DSELK	111	0.0161	1.080	< 0.10	< 0.10	0.45	1.03	0.0315
05/30/2017	RG_DSELK	112	0.0242	2.610	< 0.10	0.18	0.48	1.85	0.0409
06/06/2017	RG_DSELK	106	0.0250	1.076	0.05	0.05	0.30	0.70	0.0321
06/06/2017	RG_DSELK	105	0.0277	1.230	< 0.10	< 0.10	0.33	0.76	0.0287
06/06/2017	RG_DSELK	106	0.0264	0.798	< 0.10	< 0.10	0.30	0.61	0.0288
06/06/2017	RG_DSELK	108	0.0210	1.200	< 0.10	< 0.10	0.27	0.72	0.0388
06/13/2017	RG_DSELK	106	0.0141	0.968	0.05	0.05	0.25	0.71	0.0339
06/13/2017	RG_DSELK	111	0.0106	0.745	< 0.10	< 0.10	0.23	0.59	0.0460

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
06/13/2017	RG_DSELK	105	0.0147	1.020	< 0.10	< 0.10	0.22	0.75	0.0269
06/13/2017	RG_DSELK	102	0.0171	1.140	< 0.10	< 0.10	0.29	0.80	0.0287
06/20/2017	RG_DSELK	98	0.0134	0.334	0.05	0.05	0.27	0.42	0.0294
06/20/2017	RG_DSELK	94	0.0136	0.161	< 0.10	< 0.10	0.27	0.36	0.0283
06/20/2017	RG_DSELK	98	0.0130	0.358	< 0.10	< 0.10	0.26	0.42	0.0308
06/20/2017	RG_DSELK	102	0.0135	0.484	< 0.10	< 0.10	0.27	0.47	0.0290
06/27/2017	RG_DSELK	95	0.0103	0.127	0.05	0.05	0.27	0.39	0.0322
06/27/2017	RG_DSELK	94	0.0115	0.060	< 0.10	< 0.10	0.27	0.30	0.0341
06/27/2017	RG_DSELK	95	0.0097	0.099	< 0.10	< 0.10	0.28	0.33	0.0330
06/27/2017	RG_DSELK	95	0.0098	0.221	< 0.10	< 0.10	0.26	0.54	0.0294
07/04/2017	RG_DSELK	92	0.0089	0.060	0.05	0.05	0.28	0.32	0.0341
07/04/2017	RG_DSELK	93	0.0094	0.034	< 0.10	< 0.10	0.33	0.37	0.0362
07/04/2017	RG_DSELK	94	0.0083	0.042	< 0.10	< 0.10	0.27	0.28	0.0384
07/04/2017	RG_DSELK	89	0.0090	0.105	< 0.10	< 0.10	0.25	0.31	0.0276
07/11/2017	RG_DSELK	92	0.0086	0.043	0.05	0.05	0.29	0.33	0.0414
07/11/2017	RG_DSELK	92	0.0091	0.024	< 0.10	< 0.10	0.33	0.35	0.0395
07/11/2017	RG_DSELK	95	0.0068	0.049	< 0.10	< 0.10	0.28	0.31	0.0505
07/11/2017	RG_DSELK	88	0.0100	0.056	< 0.10	< 0.10	0.27	0.33	0.0341
08/08/2017	RG_DSELK	108	0.0064	0.055	0.05	0.05	0.33	0.36	0.0429
08/08/2017	RG_DSELK	112	0.0047	0.016	< 0.10	< 0.10	0.34	0.34	0.0434
08/08/2017	RG_DSELK	104	0.0080	0.093	< 0.10	< 0.10	0.31	0.37	0.0423
09/18/2017	RG_DSELK	120	0.0040	0.017	0.05	0.05	0.41	0.39	0.0501
09/18/2017	RG_DSELK	118	0.0040	0.013	< 0.10	< 0.10	0.39	0.39	0.0481
09/18/2017	RG_DSELK	117	0.0043	0.011	< 0.10	< 0.10	0.40	0.38	0.0488
09/18/2017	RG_DSELK	125	0.0038	0.026	< 0.10	< 0.10	0.44	0.40	0.0534
10/03/2017	RG_DSELK	118	0.0036	0.016	0.05	0.23	0.36	0.56	0.0485
10/03/2017	RG_DSELK	112	0.0037	0.016	< 0.10	0.59	0.36	0.87	0.0453
10/03/2017	RG_DSELK	115	0.0038	0.008	< 0.10	< 0.10	0.37	0.39	0.0454
10/03/2017	RG_DSELK	128	0.0032	0.023	< 0.10	< 0.10	0.36	0.41	0.0547
11/08/2017	RG_DSELK	117	< 0.0030	0.010	< 0.10	< 0.10	0.35	0.39	0.0510
11/08/2017	RG_DSELK	123	< 0.0030	0.015	< 0.10	< 0.10	0.36	0.44	0.0508
11/08/2017	RG_DSELK	125	< 0.0030	0.019	< 0.10	< 0.10	0.38	0.45	0.0535
11/08/2017	RG_DSELK	122	0.0015	0.014	0.05	0.05	0.36	0.43	0.0518
12/05/2017	RG_DSELK	118	0.0055	0.026	< 0.10	< 0.10	0.39	0.41	0.0575
12/05/2017	RG_DSELK	126	0.0048	0.044	< 0.10	< 0.10	0.36	0.40	0.0644
12/05/2017	RG_DSELK	127	0.0049	0.053	< 0.10	< 0.10	0.33	0.33	0.0686
12/05/2017	RG_DSELK	124	0.0051	0.041	0.05	0.05	0.36	0.38	0.0635
01/03/2017	RG_ELKMOUTH	172	< 0.0030	0.031	< 0.10	< 0.10	0.28	0.29	0.1010
02/08/2017	RG_ELKMOUTH	168	< 0.0030	0.014	< 0.10	< 0.10	0.24	0.31	0.1030
03/07/2017	RG_ELKMOUTH	153	0.0040	0.024	< 0.10	< 0.10	0.23	0.29	0.0993
03/14/2017	RG_ELKMOUTH	152	0.0070	0.094	< 0.10	< 0.10	0.23	0.26	0.0899
03/21/2017	RG_ELKMOUTH	133	0.0060	0.800	< 0.10	0.14	0.21	0.63	0.0859
03/28/2017	RG_ELKMOUTH	148	0.0030	0.245	< 0.10	< 0.10	0.19	0.30	0.0931
04/04/2017	RG_ELKMOUTH	149	0.0097	0.226	< 0.10	< 0.10	0.20	0.30	0.0965
04/11/2017	RG_ELKMOUTH	144	0.0080	0.204	< 0.10	0.14	0.22	0.29	0.1030

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
04/18/2017	RG_ELKMOUTH	148	0.0078	0.146	< 0.10	< 0.10	0.21	0.28	0.0901
04/25/2017	RG_ELKMOUTH	138	0.0122	0.611	< 0.10	0.11	0.20	0.48	0.0900
05/01/2017	RG_ELKMOUTH	142	0.0151	0.256	< 0.10	0.11	0.38	0.32	0.0863
05/09/2017	RG_ELKMOUTH	132	0.0160	0.953	< 0.10	0.12	0.23	0.76	0.0692
05/16/2017	RG_ELKMOUTH	130	0.0150	0.636	< 0.10	0.14	0.26	0.55	0.0695
05/23/2017	RG_ELKMOUTH	117	0.0247	1.040	< 0.10	0.18	0.24	0.80	0.0579
05/30/2017	RG_ELKMOUTH	113	0.0298	2.130	< 0.10	0.18	0.27	1.58	0.0590
06/06/2017	RG_ELKMOUTH	114	0.0137	1.570	< 0.10	0.15	0.23	1.15	0.0512
06/13/2017	RG_ELKMOUTH	118	0.0076	0.617	< 0.10	0.10	0.22	0.59	0.0546
06/20/2017	RG_ELKMOUTH	121	0.0095	0.668	< 0.10	< 0.10	0.23	0.54	0.0546
06/27/2017	RG_ELKMOUTH	116	0.0054	0.285	< 0.10	< 0.10	0.22	< 0.40	0.0632
07/04/2017	RG_ELKMOUTH	124	< 0.0030	0.091	< 0.10	< 0.10	0.19	0.28	0.0689
07/11/2017	RG_ELKMOUTH	130	< 0.0030	0.073	< 0.10	0.11	0.21	0.26	0.0729
08/01/2017	RG_ELKMOUTH	147	< 0.0030	0.039	< 0.10	< 0.10	0.26	0.30	0.0801
09/19/2017	RG_ELKMOUTH	155	< 0.0030	0.020	< 0.10	0.11	0.21	0.23	0.0969
10/03/2017	RG_ELKMOUTH	152	< 0.0030	0.009	< 0.10	< 0.10	0.22	0.23	0.0904
11/08/2017	RG_ELKMOUTH	163	< 0.0030	0.009	< 0.10	< 0.10	0.21	0.26	0.1040
12/05/2017	RG_ELKMOUTH	148	0.0034	0.021	< 0.10	< 0.10	0.22	0.23	0.0931
04/04/2017	RG_GRASMERE	144	0.0096	0.726	0.05	0.13	0.67	1.15	0.0769
04/04/2017	RG_GRASMERE	145	0.0093	0.741	< 0.10	0.13	0.66	1.14	0.0770
04/04/2017	RG_GRASMERE	143	0.0098	0.710	< 0.10	0.12	0.67	1.15	0.0767
04/11/2017	RG_GRASMERE	144	0.0124	1.220	< 0.10	0.13	0.64	1.46	0.0676
04/17/2017	RG_GRASMERE	147	0.0102	1.200	< 0.10	0.12	0.72	1.44	0.0646
04/24/2017	RG_GRASMERE	157	0.0077	1.150	0.11	0.16	0.88	2.24	0.0818
05/02/2017	RG_GRASMERE	160	0.0136	7.050	< 0.10	0.35	0.71	4.75	0.0641
05/09/2017	RG_GRASMERE	122	0.0218	4.090	< 0.10	0.24	0.58	2.82	0.0445
05/16/2017	RG_GRASMERE	111	0.0145	0.703	< 0.10	< 0.10	0.41	0.70	0.0370
05/23/2017	RG_GRASMERE	107	0.0161	0.381	< 0.10	< 0.10	0.45	0.64	0.0346
05/30/2017	RG_GRASMERE	109	0.0252	1.410	< 0.10	< 0.10	0.42	1.12	0.0278
06/06/2017	RG_GRASMERE	102	0.0262	1.031	0.05	0.05	0.32	0.67	0.0298
06/06/2017	RG_GRASMERE	100	0.0268	0.769	< 0.10	< 0.10	0.31	0.63	0.0246
06/06/2017	RG_GRASMERE	99	0.0271	1.560	< 0.10	< 0.10	0.33	0.77	0.0293
06/06/2017	RG_GRASMERE	107	0.0247	0.765	< 0.10	< 0.10	0.32	0.60	0.0354
06/13/2017	RG_GRASMERE	105	0.0149	0.962	0.05	0.05	0.27	0.73	0.0315
06/13/2017	RG_GRASMERE	105	0.0137	0.547	< 0.10	< 0.10	0.28	0.55	0.0366
06/13/2017	RG_GRASMERE	105	0.0150	1.080	< 0.10	< 0.10	0.26	0.80	0.0302
06/13/2017	RG_GRASMERE	105	0.0161	1.260	< 0.10	< 0.10	0.27	0.85	0.0278
06/20/2017	RG_GRASMERE	96	0.0133	0.283	0.05	0.05	0.28	0.43	0.0311
06/20/2017	RG_GRASMERE	92	0.0123	0.075	< 0.10	< 0.10	0.31	0.38	0.0321
06/20/2017	RG_GRASMERE	93	0.0134	0.302	< 0.10	< 0.10	0.27	0.43	0.0283
06/20/2017	RG_GRASMERE	103	0.0142	0.471	< 0.10	< 0.10	0.26	0.48	0.0329
06/27/2017	RG_GRASMERE	99	0.0103	0.114	0.05	0.05	0.29	0.35	0.0356
06/27/2017	RG_GRASMERE	95	0.0108	0.047	< 0.10	< 0.10	0.32	0.34	0.0338
06/27/2017	RG_GRASMERE	98	0.0106	0.114	< 0.10	< 0.10	0.27	0.33	0.0347
06/27/2017	RG_GRASMERE	104	0.0095	0.182	< 0.10	< 0.10	0.28	0.37	0.0384

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07/04/2017	RG_GRASMERE	90	0.0099	0.051	0.05	0.05	0.29	0.31	0.0341
07/04/2017	RG_GRASMERE	92	0.0106	0.029	< 0.10	< 0.10	0.33	0.33	0.0378
07/04/2017	RG_GRASMERE	90	0.0089	0.033	< 0.10	< 0.10	0.29	0.31	0.0323
07/04/2017	RG_GRASMERE	89	0.0102	0.090	< 0.10	< 0.10	0.26	0.28	0.0322
07/11/2017	RG_GRASMERE	90	0.0097	0.090	0.05	0.05	0.30	0.41	0.0351
07/11/2017	RG_GRASMERE	94	0.0087	0.026	< 0.10	< 0.10	0.32	0.34	0.0380
07/11/2017	RG_GRASMERE	85	0.0100	0.125	< 0.10	< 0.10	0.27	0.54	0.0294
07/11/2017	RG_GRASMERE	92	0.0103	0.119	< 0.10	< 0.10	0.30	0.34	0.0380
08/08/2017	RG_GRASMERE	108	0.0067	0.020	0.05	0.05	0.36	0.33	0.0424
08/08/2017	RG_GRASMERE	107	0.0069	0.015	< 0.10	< 0.10	0.36	0.31	0.0439
08/08/2017	RG_GRASMERE	108	0.0064	0.026	< 0.10	< 0.10	0.35	0.35	0.0408
09/18/2017	RG_GRASMERE	119	0.0040	0.014	0.05	0.05	0.38	0.38	0.0484
09/18/2017	RG_GRASMERE	116	0.0045	0.010	< 0.10	< 0.10	0.37	0.37	0.0479
09/18/2017	RG_GRASMERE	118	0.0040	0.011	< 0.10	< 0.10	0.35	0.37	0.0471
09/18/2017	RG_GRASMERE	122	0.0036	0.022	< 0.10	< 0.10	0.42	0.40	0.0502
10/03/2017	RG_GRASMERE	113	0.0041	0.013	0.05	0.05	0.37	0.37	0.0466
10/03/2017	RG_GRASMERE	115	0.0041	0.008	< 0.10	< 0.10	0.37	0.36	0.0462
10/03/2017	RG_GRASMERE	113	0.0042	0.010	< 0.10	< 0.10	0.36	0.35	0.0450
10/03/2017	RG_GRASMERE	111	0.0041	0.020	< 0.10	< 0.10	0.38	0.39	0.0487
11/08/2017	RG_GRASMERE	116	< 0.0030	0.014	< 0.10	< 0.10	0.37	0.37	0.0508
11/08/2017	RG_GRASMERE	119	0.0032	0.015	< 0.10	< 0.10	0.35	0.46	0.0504
11/08/2017	RG_GRASMERE	120	< 0.0030	0.013	< 0.10	< 0.10	0.39	0.43	0.0529
11/08/2017	RG_GRASMERE	118	0.0021	0.014	0.05	0.05	0.37	0.42	0.0514
12/05/2017	RG_GRASMERE	119	0.0037	0.020	< 0.10	< 0.10	0.40	0.41	0.0541
12/05/2017	RG_GRASMERE	121	0.0046	0.035	< 0.10	< 0.10	0.37	0.44	0.0601
12/05/2017	RG_GRASMERE	128	0.0043	0.033	< 0.10	< 0.10	0.41	0.43	0.0570
12/05/2017	RG_GRASMERE	123	0.0042	0.030	0.05	0.05	0.39	0.43	0.0571
04/24/2017	RG_KERRRD	129	0.0098	1.240	< 0.10	< 0.10	0.53	1.13	0.0411
05/02/2017	RG_KERRRD	121	0.0092	0.492	< 0.10	0.11	0.45	0.67	0.0426
05/09/2017	RG_KERRRD	112	0.0205	1.970	< 0.10	< 0.10	0.38	1.42	0.0304
05/16/2017	RG_KERRRD	105	0.0167	0.840	< 0.10	< 0.10	0.34	0.67	0.0294
05/23/2017	RG_KERRRD	109	0.0476	2.080	< 0.10	< 0.10	0.37	1.43	0.0287
05/30/2017	RG_KERRRD	110	0.0309	2.600	< 0.10	0.12	0.40	1.84	0.0237
06/06/2017	RG_KERRRD	103	0.0296	1.525	0.05	0.05	0.36	1.02	0.0249
06/06/2017	RG_KERRRD	100	0.0316	1.480	< 0.10	< 0.10	0.35	1.05	0.0258
06/06/2017	RG_KERRRD	107	0.0276	1.570	< 0.10	< 0.10	0.37	0.99	0.0239
06/13/2017	RG_KERRRD	106	0.0155	0.914	0.05	0.05	0.29	0.70	0.0271
06/13/2017	RG_KERRRD	106	0.0158	0.903	< 0.10	< 0.10	0.28	0.70	0.0277
06/13/2017	RG_KERRRD	106	0.0151	0.924	< 0.10	< 0.10	0.30	0.69	0.0265
06/20/2017	RG_KERRRD	92	0.0133	0.358	0.05	0.07	0.28	0.45	0.0248
06/20/2017	RG_KERRRD	93	0.0133	0.354	< 0.10	< 0.10	0.29	0.45	0.0249
06/20/2017	RG_KERRRD	90	0.0135	0.370	< 0.10	0.10	0.28	0.42	0.0253
06/20/2017	RG_KERRRD	93	0.0131	0.351	< 0.10	< 0.10	0.26	0.47	0.0243
06/27/2017	RG_KERRRD	90	0.0103	0.218	0.05	0.05	0.27	0.37	0.0273
06/27/2017	RG_KERRRD	90	0.0102	0.266	< 0.10	< 0.10	0.27	0.34	0.0269

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
06/27/2017	RG_KERRRD	90	0.0109	0.237	< 0.10	< 0.10	0.28	0.37	0.0274
06/27/2017	RG_KERRRD	90	0.0097	0.152	< 0.10	< 0.10	0.27	0.41	0.0277
07/04/2017	RG_KERRRD	84	0.0104	0.068	0.05	0.05	0.29	0.32	0.0275
07/04/2017	RG_KERRRD	85	0.0097	0.041	< 0.10	< 0.10	0.29	0.33	0.0296
07/04/2017	RG_KERRRD	83	0.0109	0.082	< 0.10	< 0.10	0.29	0.32	0.0267
07/04/2017	RG_KERRRD	84	0.0105	0.082	< 0.10	< 0.10	0.28	0.31	0.0262
07/11/2017	RG_KERRRD	86	0.0100	0.082	0.05	0.05	0.29	0.34	0.0292
07/11/2017	RG_KERRRD	90	0.0096	0.040	< 0.10	< 0.10	0.33	0.35	0.0310
07/11/2017	RG_KERRRD	85	0.0102	0.086	< 0.10	< 0.10	0.28	0.33	0.0290
07/11/2017	RG_KERRRD	84	0.0103	0.118	< 0.10	< 0.10	0.26	0.35	0.0277
08/08/2017	RG_KERRRD	107	0.0064	0.025	0.05	0.05	0.40	0.38	0.0390
08/08/2017	RG_KERRRD	104	0.0057	0.018	< 0.10	< 0.10	0.36	0.35	0.0344
08/08/2017	RG_KERRRD	109	0.0059	0.024	< 0.10	< 0.10	0.38	0.39	0.0395
08/08/2017	RG_KERRRD	107	0.0076	0.034	< 0.10	< 0.10	0.46	0.41	0.0431
09/18/2017	RG_KERRRD	118	0.0039	0.017	0.05	0.05	0.43	0.40	0.0455
09/18/2017	RG_KERRRD	116	0.0042	0.008	< 0.10	< 0.10	0.41	0.37	0.0461
09/18/2017	RG_KERRRD	117	0.0042	0.013	< 0.10	< 0.10	0.42	0.39	0.0456
09/18/2017	RG_KERRRD	121	0.0034	0.029	< 0.10	< 0.10	0.45	0.45	0.0448
10/03/2017	RG_KERRRD	122	0.0037	0.016	0.05	0.09	0.38	0.42	0.0447
10/03/2017	RG_KERRRD	118	0.0041	0.009	< 0.10	< 0.10	0.37	0.36	0.0454
10/03/2017	RG_KERRRD	118	0.0037	0.008	< 0.10	0.12	0.36	0.39	0.0446
10/03/2017	RG_KERRRD	130	0.0033	0.030	< 0.10	0.10	0.41	0.50	0.0441
11/08/2017	RG_KERRRD	127	< 0.0030	0.018	< 0.10	< 0.10	0.41	0.42	0.0467
11/08/2017	RG_KERRRD	127	< 0.0030	0.015	< 0.10	< 0.10	0.41	0.48	0.0474
11/08/2017	RG_KERRRD	127	< 0.0030	0.015	< 0.10	< 0.10	0.42	0.47	0.0468
11/08/2017	RG_KERRRD	127	0.0015	0.016	0.05	0.05	0.41	0.46	0.0470
12/05/2017	RG_KERRRD	116	0.0052	0.076	< 0.10	< 0.10	0.40	0.45	0.0443
12/05/2017	RG_KERRRD	117	0.0045	0.076	< 0.10	< 0.10	0.38	0.44	0.0464
12/05/2017	RG_KERRRD	119	0.0042	0.069	< 0.10	< 0.10	0.42	0.43	0.0433
12/05/2017	RG_KERRRD	117	0.0046	0.074	0.05	0.05	0.40	0.44	0.0447
04/04/2017	RG_USGOLD	144	0.0078	0.475	0.05	0.12	0.62	1.00	0.0768
04/04/2017	RG_USGOLD	144	0.0078	0.430	< 0.10	0.11	0.61	0.96	0.0762
04/04/2017	RG_USGOLD	144	0.0078	0.519	< 0.10	0.12	0.63	1.04	0.0774
04/11/2017	RG_USGOLD	146	0.0104	0.577	< 0.10	0.11	0.68	1.24	0.0701
04/17/2017	RG_USGOLD	146	0.0113	0.630	< 0.10	0.11	0.74	1.28	0.0615
04/24/2017	RG_USGOLD	138	0.0113	3.550	0.12	0.20	0.85	2.87	0.0682
05/02/2017	RG_USGOLD	153	0.0094	2.620	< 0.10	0.21	0.61	1.93	0.0795
05/09/2017	RG_USGOLD	118	0.0233	1.860	< 0.10	0.13	0.55	1.58	0.0433
05/16/2017	RG_USGOLD	110	0.0151	0.752	< 0.10	< 0.10	0.42	0.79	0.0375
05/23/2017	RG_USGOLD	108	0.0183	0.546	< 0.10	< 0.10	0.42	0.78	0.0350
05/30/2017	RG_USGOLD	104	0.0242	1.233	0.05	0.05	0.36	1.00	0.0389
05/30/2017	RG_USGOLD	107	0.0220	1.050	< 0.10	< 0.10	0.36	0.85	0.0412
05/30/2017	RG_USGOLD	98	0.0254	1.270	< 0.10	< 0.10	0.37	1.04	0.0405
05/30/2017	RG_USGOLD	107	0.0253	1.380	< 0.10	< 0.10	0.36	1.10	0.0349
06/06/2017	RG_USGOLD	106	0.0230	0.933	0.05	0.07	0.33	0.67	0.0340

Sample Date	Location	Alkalinity, Total (As CaCO3) mg/l	Aluminum - Dissolved mg/l	Aluminum - Total mg/l	Antimony - Dissolved µg/l	Antimony - Total µg/l	Arsenic - Dissolved µg/l	Arsenic - Total µg/l	Barium - Dissolved mg/l
06/06/2017	RG_USGOLD	105	0.0196	0.578	< 0.10	< 0.10	0.33	0.57	0.0373
06/06/2017	RG_USGOLD	101	0.0262	1.170	< 0.10	< 0.10	0.35	0.73	0.0257
06/06/2017	RG_USGOLD	111	0.0232	1.050	< 0.10	0.11	0.32	0.72	0.0389
06/13/2017	RG_USGOLD	103	0.0137	0.757	0.05	0.07	0.28	0.70	0.0317
06/13/2017	RG_USGOLD	96	0.0119	0.096	< 0.10	< 0.10	0.29	0.41	0.0336
06/13/2017	RG_USGOLD	107	0.0136	0.796	< 0.10	< 0.10	0.28	0.74	0.0350
06/13/2017	RG_USGOLD	105	0.0156	1.380	< 0.10	0.11	0.28	0.95	0.0265
06/20/2017	RG_USGOLD	98	0.0130	0.332	0.05	0.05	0.30	0.42	0.0325
06/20/2017	RG_USGOLD	95	0.0116	0.066	< 0.10	< 0.10	0.34	0.36	0.0332
06/20/2017	RG_USGOLD	93	0.0138	0.417	< 0.10	< 0.10	0.30	0.40	0.0305
06/20/2017	RG_USGOLD	105	0.0135	0.513	< 0.10	< 0.10	0.26	0.51	0.0339
06/27/2017	RG_USGOLD	98	0.0101	0.132	0.05	0.09	0.28	0.37	0.0366
06/27/2017	RG_USGOLD	97	0.0103	0.043	< 0.10	< 0.10	0.32	0.37	0.0365
06/27/2017	RG_USGOLD	93	0.0108	0.123	< 0.10	< 0.10	0.26	0.36	0.0311
06/27/2017	RG_USGOLD	105	0.0092	0.230	< 0.10	0.16	0.25	0.39	0.0421
07/04/2017	RG_USGOLD	89	0.0097	0.068	0.05	0.05	0.31	0.35	0.0358
07/04/2017	RG_USGOLD	93	0.0100	0.027	< 0.10	< 0.10	0.37	0.40	0.0371
07/04/2017	RG_USGOLD	89	0.0085	0.052	< 0.10	< 0.10	0.28	0.30	0.0356
07/04/2017	RG_USGOLD	86	0.0105	0.124	< 0.10	< 0.10	0.27	0.34	0.0346
07/11/2017	RG_USGOLD	91	0.0100	0.051	0.05	0.05	0.31	0.35	0.0373
07/11/2017	RG_USGOLD	92	0.0092	0.026	< 0.10	< 0.10	0.36	0.36	0.0400
07/11/2017	RG_USGOLD	87	0.0099	0.058	< 0.10	< 0.10	0.28	0.33	0.0317
07/11/2017	RG_USGOLD	94	0.0109	0.071	< 0.10	< 0.10	0.29	0.35	0.0402
08/08/2017	RG_USGOLD	108	0.0063	0.027	0.05	0.05	0.34	0.35	0.0435
08/08/2017	RG_USGOLD	107	0.0055	0.017	< 0.10	< 0.10	0.37	0.36	0.0409
08/08/2017	RG_USGOLD	118	0.0038	0.022	< 0.10	< 0.10	0.32	0.35	0.0523
08/08/2017	RG_USGOLD	99	0.0097	0.042	< 0.10	< 0.10	0.33	0.33	0.0374
09/18/2017	RG_USGOLD	111	0.0042	0.022	0.05	0.05	0.39	0.36	0.0498
09/18/2017	RG_USGOLD	111	0.0042	0.013	< 0.10	< 0.10	0.39	0.38	0.0485
09/18/2017	RG_USGOLD	111	0.0044	0.014	< 0.10	< 0.10	0.38	0.34	0.0498
09/18/2017	RG_USGOLD	112	0.0040	0.038	< 0.10	< 0.10	0.40	0.37	0.0512
10/03/2017	RG_USGOLD	115	0.0044	0.016	0.05	0.05	0.37	0.39	0.0467
10/03/2017	RG_USGOLD	111	0.0053	0.008	< 0.10	< 0.10	0.36	0.36	0.0450
10/03/2017	RG_USGOLD	111	0.0040	0.009	< 0.10	< 0.10	0.35	0.36	0.0458
10/03/2017	RG_USGOLD	123	0.0038	0.030	< 0.10	< 0.10	0.39	0.46	0.0492
11/08/2017	RG_USGOLD	116	< 0.0030	0.010	< 0.10	< 0.10	0.34	0.40	0.0506
11/08/2017	RG_USGOLD	118	0.0030	0.012	< 0.10	< 0.10	0.37	0.40	0.0534
11/08/2017	RG_USGOLD	119	< 0.0030	0.027	< 0.10	< 0.10	0.38	0.42	0.0509
11/08/2017	RG_USGOLD	118	0.0020	0.017	0.05	0.05	0.36	0.41	0.0516
12/05/2017	RG_USGOLD	116	0.0039	0.021	< 0.10	< 0.10	0.40	0.42	0.0605
12/05/2017	RG_USGOLD	116	0.0037	0.022	< 0.10	< 0.10	0.37	0.42	0.0556
12/05/2017	RG_USGOLD	126	0.0046	0.047	< 0.10	< 0.10	0.36	0.42	0.0603
12/05/2017	RG_USGOLD	119	0.0041	0.030	0.05	0.05	0.38	0.42	0.0588

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
04/11/2017	RG_BORDER	0.0901	0.01	0.034	0.000025	0.000025	0.005	0.005	0.025
04/11/2017	RG_BORDER	0.0884	< 0.020	0.034	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/11/2017	RG_BORDER	0.0906	< 0.020	0.029	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/11/2017	RG_BORDER	0.0914	< 0.020	0.039	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/17/2017	RG_BORDER	0.0748	0.01	0.0363333	0.000025	0.000025	0.005	0.005	0.025
04/17/2017	RG_BORDER	0.0749	< 0.020	0.036	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/17/2017	RG_BORDER	0.0754	< 0.020	0.035	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/17/2017	RG_BORDER	0.0740	< 0.020	0.038	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_BORDER	0.0884	0.01	0.077	0.000025	0.000025	0.005	0.005	0.025
04/24/2017	RG_BORDER	0.0856	< 0.020	0.061	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_BORDER	0.0877	< 0.020	0.069	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_BORDER	0.0919	< 0.020	0.101	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/02/2017	RG_BORDER	0.0737	0.01	0.054	0.000025	0.000025	0.005	0.005	0.025
05/02/2017	RG_BORDER	0.0730	< 0.020	0.046	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/02/2017	RG_BORDER	0.0743	< 0.020	0.062	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/09/2017	RG_BORDER	0.0666	0.01	0.105	0.000025	0.000025	0.005	0.005	0.025
05/09/2017	RG_BORDER	0.0653	< 0.020	0.102	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/09/2017	RG_BORDER	0.0669	< 0.020	0.103	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/09/2017	RG_BORDER	0.0676	< 0.020	0.11	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_BORDER	0.0482	0.01	0.0426666	0.000025	0.000025	0.005	0.005	0.025
05/16/2017	RG_BORDER	0.0488	< 0.020	0.037	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_BORDER	0.0483	< 0.020	0.044	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_BORDER	0.0476	< 0.020	0.047	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_BORDER	0.0473	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
05/23/2017	RG_BORDER	0.0469	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_BORDER	0.0471	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_BORDER	0.0478	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_BORDER	0.0431	0.01	0.0396666	0.000025	0.000025	0.005	0.005	0.025
05/30/2017	RG_BORDER	0.0384	< 0.020	0.029	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_BORDER	0.0433	< 0.020	0.038	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_BORDER	0.0476	< 0.020	0.052	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_BORDER	0.0404	0.01	0.043	0.000025	0.000025	0.005	0.005	0.025
06/06/2017	RG_BORDER	0.0373	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_BORDER	0.0418	< 0.020	0.063	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_BORDER	0.0422	< 0.020	0.056	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_BORDER	0.0383	0.01	0.0383333	0.000025	0.000025	0.005	0.005	0.025
06/13/2017	RG_BORDER	0.0361	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_BORDER	0.0375	< 0.020	0.044	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_BORDER	0.0414	< 0.020	0.061	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_BORDER	0.0362	0.01	0.0173333	0.000025	0.000025	0.005	0.005	0.025
06/20/2017	RG_BORDER	0.0361	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_BORDER	0.0339	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_BORDER	0.0387	< 0.020	0.032	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_BORDER	0.0385	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
06/27/2017	RG_BORDER	0.0365	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
06/27/2017	RG_BORDER	0.0365	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_BORDER	0.0426	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_BORDER	0.0346	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/04/2017	RG_BORDER	0.0361	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_BORDER	0.0293	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_BORDER	0.0385	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_BORDER	0.0343	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/11/2017	RG_BORDER	0.0385	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_BORDER	0.0325	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_BORDER	0.0318	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_BORDER	0.0363	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
08/08/2017	RG_BORDER	0.0377	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_BORDER	0.0345	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_BORDER	0.0368	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_BORDER	0.0425	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
09/18/2017	RG_BORDER	0.0445	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_BORDER	0.0458	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_BORDER	0.0373	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_BORDER	0.0468	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
10/03/2017	RG_BORDER	0.0450	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_BORDER	0.0464	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_BORDER	0.0491	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_BORDER	0.0503	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_BORDER	0.0514	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_BORDER	0.0515	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_BORDER	0.0511	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
12/05/2017	RG_BORDER	0.0497	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_BORDER	0.0518	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_BORDER	0.0556	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_BORDER	0.0524	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
04/04/2017	RG_DSELK	0.1060	< 0.020	0.104	< 0.000050	< 0.000050	< 0.010	0.012	< 0.050
04/11/2017	RG_DSELK	0.1080	< 0.020	0.163	< 0.000050	0.000056	< 0.010	0.012	< 0.050
04/17/2017	RG_DSELK	0.1010	< 0.020	0.151	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_DSELK	0.1630	< 0.020	0.418	< 0.000050	0.000182	< 0.010	0.011	< 0.050
05/02/2017	RG_DSELK	0.0877	< 0.020	0.136	< 0.000050	0.000059	< 0.010	< 0.010	< 0.050
05/09/2017	RG_DSELK	0.1010	< 0.020	0.264	< 0.000050	0.00011	< 0.010	< 0.010	< 0.050
05/16/2017	RG_DSELK	0.0476	< 0.020	0.064	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_DSELK	0.0444	< 0.020	0.063	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_DSELK	0.0727	< 0.020	0.144	< 0.000050	0.000052	< 0.010	< 0.010	< 0.050
06/06/2017	RG_DSELK	0.0438	0.01	0.0583333	0.000025	0.000025	0.005	0.005	0.025
06/06/2017	RG_DSELK	0.0394	< 0.020	0.057	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_DSELK	0.0387	< 0.020	0.049	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_DSELK	0.0532	< 0.020	0.069	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_DSELK	0.0418	0.01	0.0536666	0.000025	0.000025	0.005	0.005	0.025
06/13/2017	RG_DSELK	0.0522	< 0.020	0.047	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
06/13/2017	RG_DSELK	0.0372	< 0.020	0.055	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_DSELK	0.0361	< 0.020	0.059	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_DSELK	0.0334	0.01	0.0183333	0.000025	0.000025	0.005	0.005	0.025
06/20/2017	RG_DSELK	0.0281	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_DSELK	0.0360	< 0.020	0.021	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_DSELK	0.0360	< 0.020	0.024	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_DSELK	0.0381	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
06/27/2017	RG_DSELK	0.0329	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_DSELK	0.0343	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_DSELK	0.0472	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_DSELK	0.0358	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/04/2017	RG_DSELK	0.0369	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_DSELK	0.0390	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_DSELK	0.0315	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_DSELK	0.0397	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/11/2017	RG_DSELK	0.0361	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_DSELK	0.0510	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_DSELK	0.0319	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_DSELK	0.0394	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
08/08/2017	RG_DSELK	0.0403	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_DSELK	0.0384	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_DSELK	0.0460	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
09/18/2017	RG_DSELK	0.0451	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_DSELK	0.0448	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_DSELK	0.0480	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_DSELK	0.0473	0.01	0.023	0.000025	0.000182667	0.005	0.005	0.025
10/03/2017	RG_DSELK	0.0438	< 0.020	0.049	< 0.000050	0.000498	< 0.010	< 0.010	< 0.050
10/03/2017	RG_DSELK	0.0441	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_DSELK	0.0540	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_DSELK	0.0525	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_DSELK	0.0530	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_DSELK	0.0545	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_DSELK	0.0533	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
12/05/2017	RG_DSELK	0.0556	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_DSELK	0.0592	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_DSELK	0.0666	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_DSELK	0.0605	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
01/03/2017	RG_ELKMOUTH	0.1010	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
02/08/2017	RG_ELKMOUTH	0.1080	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
03/07/2017	RG_ELKMOUTH	0.1040	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
03/14/2017	RG_ELKMOUTH	0.0881	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
03/21/2017	RG_ELKMOUTH	0.0946	< 0.020	0.056	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
03/28/2017	RG_ELKMOUTH	0.0979	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/04/2017	RG_ELKMOUTH	0.0940	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	0.012	< 0.050
04/11/2017	RG_ELKMOUTH	0.1000	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
04/18/2017	RG_ELKMOUTH	0.0938	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/25/2017	RG_ELKMOUTH	0.0976	< 0.020	0.036	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/01/2017	RG_ELKMOUTH	0.0863	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/09/2017	RG_ELKMOUTH	0.0904	< 0.020	0.055	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_ELKMOUTH	0.0812	< 0.020	0.047	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_ELKMOUTH	0.0832	< 0.020	0.08	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_ELKMOUTH	0.1070	< 0.020	0.158	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_ELKMOUTH	0.0802	< 0.020	0.101	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_ELKMOUTH	0.0658	< 0.020	0.045	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_ELKMOUTH	0.0685	< 0.020	0.037	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_ELKMOUTH	0.0693	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_ELKMOUTH	0.0684	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_ELKMOUTH	0.0655	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/01/2017	RG_ELKMOUTH	0.0793	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/19/2017	RG_ELKMOUTH	0.0911	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_ELKMOUTH	0.0912	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_ELKMOUTH	0.1040	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_ELKMOUTH	0.0869	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/04/2017	RG_GRASMERE	0.0877	0.01	0.0325	0.000025	0.000025	0.005	0.005	0.025
04/04/2017	RG_GRASMERE	0.0890	< 0.020	0.032	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/04/2017	RG_GRASMERE	0.0864	< 0.020	0.033	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/11/2017	RG_GRASMERE	0.0848	< 0.020	0.064	< 0.000050	< 0.000050	< 0.010	0.01	< 0.050
04/17/2017	RG_GRASMERE	0.0756	< 0.020	0.067	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_GRASMERE	0.0981	< 0.020	0.06	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/02/2017	RG_GRASMERE	0.1450	< 0.020	0.365	< 0.000050	0.000172	< 0.010	0.01	< 0.050
05/09/2017	RG_GRASMERE	0.0864	< 0.020	0.2	< 0.000050	0.000196	< 0.010	< 0.010	< 0.050
05/16/2017	RG_GRASMERE	0.0438	< 0.020	0.029	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_GRASMERE	0.0435	< 0.020	0.024	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_GRASMERE	0.0390	< 0.020	0.071	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_GRASMERE	0.0395	0.01	0.051	0.000025	0.000025	0.005	0.005	0.025
06/06/2017	RG_GRASMERE	0.0322	< 0.020	0.043	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_GRASMERE	0.0433	< 0.020	0.061	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_GRASMERE	0.0430	< 0.020	0.049	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_GRASMERE	0.0398	0.01	0.0506666	0.000025	0.000025	0.005	0.005	0.025
06/13/2017	RG_GRASMERE	0.0401	< 0.020	0.031	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_GRASMERE	0.0401	< 0.020	0.055	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_GRASMERE	0.0391	< 0.020	0.066	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_GRASMERE	0.0357	0.01	0.014	0.000025	0.000025	0.005	0.005	0.025
06/20/2017	RG_GRASMERE	0.0339	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_GRASMERE	0.0328	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_GRASMERE	0.0404	< 0.020	0.022	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_GRASMERE	0.0364	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
06/27/2017	RG_GRASMERE	0.0333	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_GRASMERE	0.0363	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_GRASMERE	0.0395	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
07/04/2017	RG_GRASMERE	0.0345	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/04/2017	RG_GRASMERE	0.0361	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_GRASMERE	0.0330	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_GRASMERE	0.0343	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_GRASMERE	0.0335	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/11/2017	RG_GRASMERE	0.0355	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_GRASMERE	0.0293	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_GRASMERE	0.0357	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_GRASMERE	0.0396	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
08/08/2017	RG_GRASMERE	0.0375	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_GRASMERE	0.0416	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_GRASMERE	0.0458	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
09/18/2017	RG_GRASMERE	0.0448	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_GRASMERE	0.0451	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_GRASMERE	0.0476	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_GRASMERE	0.0454	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
10/03/2017	RG_GRASMERE	0.0440	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_GRASMERE	0.0453	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_GRASMERE	0.0468	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_GRASMERE	0.0522	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_GRASMERE	0.0495	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	0.01	< 0.050
11/08/2017	RG_GRASMERE	0.0527	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_GRASMERE	0.0515	0.01	0.01	0.000025	0.000025	0.005	0.006666667	0.025
12/05/2017	RG_GRASMERE	0.0529	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_GRASMERE	0.0554	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_GRASMERE	0.0535	< 0.020	< 0.020	< 0.000050	< 0.000050	0.011	0.01	< 0.050
12/05/2017	RG_GRASMERE	0.0539	0.01	0.01	0.000025	0.000025	0.007	0.006666667	0.025
04/24/2017	RG_KERRRD	0.0516	< 0.020	0.051	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/02/2017	RG_KERRRD	0.0455	< 0.020	0.024	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/09/2017	RG_KERRRD	0.0464	< 0.020	0.089	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_KERRRD	0.0381	< 0.020	0.037	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_KERRRD	0.0472	< 0.020	0.088	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_KERRRD	0.0461	< 0.020	0.121	< 0.000050	0.000054	< 0.010	< 0.010	< 0.050
06/06/2017	RG_KERRRD	0.0358	0.01	0.0725	0.000025	0.000025	0.005	0.005	0.025
06/06/2017	RG_KERRRD	0.0347	< 0.020	0.071	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_KERRRD	0.0368	< 0.020	0.074	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_KERRRD	0.0331	0.01	0.0495	0.000025	0.000025	0.005	0.005	0.025
06/13/2017	RG_KERRRD	0.0333	< 0.020	0.047	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_KERRRD	0.0329	< 0.020	0.052	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_KERRRD	0.0263	0.01	0.0143333	0.000025	0.000025	0.005	0.005	0.025
06/20/2017	RG_KERRRD	0.0263	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_KERRRD	0.0268	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_KERRRD	0.0258	< 0.020	0.023	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_KERRRD	0.0280	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
06/27/2017	RG_KERRRD	0.0281	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
06/27/2017	RG_KERRRD	0.0282	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_KERRRD	0.0276	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_KERRRD	0.0284	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/04/2017	RG_KERRRD	0.0295	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_KERRRD	0.0278	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_KERRRD	0.0279	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_KERRRD	0.0297	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/11/2017	RG_KERRRD	0.0339	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_KERRRD	0.0276	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_KERRRD	0.0276	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_KERRRD	0.0358	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
08/08/2017	RG_KERRRD	0.0357	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_KERRRD	0.0363	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_KERRRD	0.0355	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_KERRRD	0.0412	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
09/18/2017	RG_KERRRD	0.0403	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_KERRRD	0.0415	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_KERRRD	0.0419	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_KERRRD	0.0441	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
10/03/2017	RG_KERRRD	0.0441	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_KERRRD	0.0441	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_KERRRD	0.0440	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_KERRRD	0.0545	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_KERRRD	0.0477	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_KERRRD	0.0483	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	0.01	< 0.050
11/08/2017	RG_KERRRD	0.0502	0.01	0.01	0.000025	0.000025	0.005	0.006666667	0.025
12/05/2017	RG_KERRRD	0.0409	< 0.020	< 0.020	< 0.000050	< 0.000050	0.01	0.011	< 0.050
12/05/2017	RG_KERRRD	0.0419	< 0.020	< 0.020	< 0.000050	< 0.000050	0.011	0.011	< 0.050
12/05/2017	RG_KERRRD	0.0426	< 0.020	< 0.020	< 0.000050	< 0.000050	0.011	0.012	< 0.050
12/05/2017	RG_KERRRD	0.0418	0.01	0.01	0.000025	0.000025	0.010666667	0.011333333	0.025
04/04/2017	RG_USGOLD	0.0841	0.01	0.023	0.000025	0.000025	0.005	0.005	0.025
04/04/2017	RG_USGOLD	0.0826	< 0.020	0.021	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/04/2017	RG_USGOLD	0.0855	< 0.020	0.025	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/11/2017	RG_USGOLD	0.0792	< 0.020	0.047	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/17/2017	RG_USGOLD	0.0713	< 0.020	0.042	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
04/24/2017	RG_USGOLD	0.1060	< 0.020	0.174	< 0.000050	0.000069	< 0.010	< 0.010	< 0.050
05/02/2017	RG_USGOLD	0.1080	< 0.020	0.138	< 0.000050	0.000053	< 0.010	< 0.010	< 0.050
05/09/2017	RG_USGOLD	0.0623	< 0.020	0.093	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/16/2017	RG_USGOLD	0.0444	< 0.020	0.037	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/23/2017	RG_USGOLD	0.0448	< 0.020	0.033	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_USGOLD	0.0518	0.01	0.065	0.000025	0.000025	0.005	0.005	0.025
05/30/2017	RG_USGOLD	0.0519	< 0.020	0.054	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_USGOLD	0.0530	< 0.020	0.069	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
05/30/2017	RG_USGOLD	0.0506	< 0.020	0.072	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_USGOLD	0.0423	0.01	0.0456666	0.000025	0.000025	0.005	0.005	0.025

Sample Date	Location	Barium - Total mg/l	Beryllium - Dissolved µg/l	Beryllium - Total µg/l	Bismuth - Dissolved mg/l	Bismuth - Total mg/l	Boron - Dissolved mg/l	Boron - Total mg/l	Bromide - Dissolved mg/l
06/06/2017	RG_USGOLD	0.0394	< 0.020	0.028	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_USGOLD	0.0353	< 0.020	0.054	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/06/2017	RG_USGOLD	0.0521	< 0.020	0.055	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_USGOLD	0.0386	0.01	0.0433333	0.000025	0.000025	0.005	0.005	0.025
06/13/2017	RG_USGOLD	0.0351	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_USGOLD	0.0402	< 0.020	0.046	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/13/2017	RG_USGOLD	0.0404	< 0.020	0.074	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_USGOLD	0.0366	0.01	0.0163333	0.000025	0.000025	0.005	0.005	0.025
06/20/2017	RG_USGOLD	0.0359	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_USGOLD	0.0332	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/20/2017	RG_USGOLD	0.0408	< 0.020	0.029	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_USGOLD	0.0368	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
06/27/2017	RG_USGOLD	0.0347	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_USGOLD	0.0318	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
06/27/2017	RG_USGOLD	0.0438	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_USGOLD	0.0351	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/04/2017	RG_USGOLD	0.0379	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_USGOLD	0.0337	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/04/2017	RG_USGOLD	0.0337	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_USGOLD	0.0357	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
07/11/2017	RG_USGOLD	0.0374	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_USGOLD	0.0305	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
07/11/2017	RG_USGOLD	0.0393	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_USGOLD	0.0429	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
08/08/2017	RG_USGOLD	0.0403	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_USGOLD	0.0528	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
08/08/2017	RG_USGOLD	0.0357	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_USGOLD	0.0455	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
09/18/2017	RG_USGOLD	0.0445	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_USGOLD	0.0444	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
09/18/2017	RG_USGOLD	0.0475	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_USGOLD	0.0458	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
10/03/2017	RG_USGOLD	0.0443	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_USGOLD	0.0441	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
10/03/2017	RG_USGOLD	0.0489	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_USGOLD	0.0516	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_USGOLD	0.0526	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_USGOLD	0.0499	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
11/08/2017	RG_USGOLD	0.0514	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025
12/05/2017	RG_USGOLD	0.0524	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_USGOLD	0.0532	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_USGOLD	0.0568	< 0.020	< 0.020	< 0.000050	< 0.000050	< 0.010	< 0.010	< 0.050
12/05/2017	RG_USGOLD	0.0541	0.01	0.01	0.000025	0.000025	0.005	0.005	0.025

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
04/11/2017	RG_BORDER	0.0176	0.0327	47.9	1.91	3.71	0.71	0.17	0.85
04/11/2017	RG_BORDER	0.0053	0.0309	48.4	2.10	3.72	0.73	< 0.10	0.83
04/11/2017	RG_BORDER	0.0217	0.0317	48.0	1.73	3.72	0.73	0.24	0.78
04/11/2017	RG_BORDER	0.0257	0.0355	47.3	1.91	3.70	0.67	0.21	0.93
04/17/2017	RG_BORDER	0.0048	0.0359	48.1	1.72	3.32	0.33	0.05	0.96
04/17/2017	RG_BORDER	< 0.0050	0.0342	48.6	1.75	3.33	0.34	< 0.10	0.88
04/17/2017	RG_BORDER	0.0058	0.0345	46.7	1.65	3.31	0.34	< 0.10	0.97
04/17/2017	RG_BORDER	0.0062	0.0389	48.9	1.76	3.31	0.32	< 0.10	1.03
04/24/2017	RG_BORDER	0.0071	0.0458	49.5	1.82	3.06	0.49	0.05	2.19
04/24/2017	RG_BORDER	0.0076	0.0423	49.1	1.81	3.12	0.48	< 0.10	1.73
04/24/2017	RG_BORDER	0.0068	0.0432	49.7	1.75	3.10	0.55	< 0.10	1.91
04/24/2017	RG_BORDER	0.0069	0.0519	49.8	1.91	2.97	0.44	< 0.10	2.93
05/02/2017	RG_BORDER	0.0044	0.0461	45.5	2.31	2.83	0.48	0.05	1.53
05/02/2017	RG_BORDER	< 0.0050	0.0456	46.5	2.19	2.91	0.59	< 0.10	1.32
05/02/2017	RG_BORDER	0.0062	0.0466	44.5	2.42	2.74	0.37	< 0.10	1.74
05/09/2017	RG_BORDER	0.0034	0.0690	45.7	2.93	1.31	0.44	1.11	3.30
05/09/2017	RG_BORDER	< 0.0050	0.0626	45.2	2.98	1.30	0.59	< 0.10	2.49
05/09/2017	RG_BORDER	0.0052	0.0694	46.4	2.85	1.31	0.48	3.22	4.68
05/09/2017	RG_BORDER	< 0.0050	0.0751	45.4	2.96	1.31	0.24	< 0.10	2.73
05/16/2017	RG_BORDER	0.0025	0.0230	37.3	2.45	1.14	0.15	0.05	1.19
05/16/2017	RG_BORDER	< 0.0050	0.0161	36.6	2.37	1.14	0.23	< 0.10	1.09
05/16/2017	RG_BORDER	< 0.0050	0.0251	36.8	2.58	1.11	0.08	< 0.10	1.26
05/16/2017	RG_BORDER	< 0.0050	0.0277	38.4	2.40	1.17	0.13	< 0.10	1.23
05/23/2017	RG_BORDER	0.0025	0.0163	38.2	1.92	1.51	0.14	0.13	0.45
05/23/2017	RG_BORDER	< 0.0050	0.0140	37.9	1.90	1.52	0.14	0.30	0.41
05/23/2017	RG_BORDER	< 0.0050	0.0180	38.1	1.97	1.49	0.16	< 0.10	0.52
05/23/2017	RG_BORDER	< 0.0050	0.0169	38.7	1.88	1.51	0.12	< 0.10	0.42
05/30/2017	RG_BORDER	0.0025	0.0315	33.8	1.92	1.07	0.27	0.09	1.11
05/30/2017	RG_BORDER	< 0.0050	0.0209	31.4	2.03	1.09	0.40	0.10	0.77
05/30/2017	RG_BORDER	< 0.0050	0.0348	34.1	1.90	1.07	0.22	0.12	1.10
05/30/2017	RG_BORDER	< 0.0050	0.0389	35.9	1.82	1.05	0.19	< 0.10	1.46
06/06/2017	RG_BORDER	0.0025	0.0236	33.9	1.54	0.91	1.56	0.05	1.17
06/06/2017	RG_BORDER	< 0.0050	0.0056	29.6	1.52	1.14	4.35	< 0.10	0.19
06/06/2017	RG_BORDER	< 0.0050	0.0306	35.5	1.29	0.80	0.21	< 0.10	1.71
06/06/2017	RG_BORDER	< 0.0050	0.0346	36.5	1.80	0.79	0.12	< 0.10	1.60
06/13/2017	RG_BORDER	0.0025	0.0190	32.2	1.50	0.86	1.19	0.15	0.99
06/13/2017	RG_BORDER	< 0.0050	0.0056	30.0	1.79	1.03	2.72	< 0.10	0.21
06/13/2017	RG_BORDER	< 0.0050	0.0247	32.1	1.36	0.79	0.73	0.35	1.14
06/13/2017	RG_BORDER	< 0.0050	0.0266	34.6	1.35	0.76	0.13	< 0.10	1.62
06/20/2017	RG_BORDER	0.0025	0.0111	30.5	1.31	0.99	0.62	0.05	0.44
06/20/2017	RG_BORDER	< 0.0050	0.0054	28.8	1.57	1.01	1.47	< 0.10	0.17
06/20/2017	RG_BORDER	< 0.0050	0.0104	29.9	1.15	1.01	0.25	< 0.10	0.41
06/20/2017	RG_BORDER	< 0.0050	0.0175	32.8	1.20	0.96	0.13	< 0.10	0.75
06/27/2017	RG_BORDER	0.0025	0.0067	31.0	1.58	1.05	0.56	0.07	0.31
06/27/2017	RG_BORDER	< 0.0050	< 0.0050	29.0	1.79	1.02	1.35	< 0.10	0.15

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
06/27/2017	RG_BORDER	< 0.0050	0.0066	31.7	1.29	1.12	0.23	< 0.10	0.36
06/27/2017	RG_BORDER	< 0.0050	0.0110	32.3	1.67	1.01	0.10	0.11	0.41
07/04/2017	RG_BORDER	0.0025	0.0065	30.8	1.43	1.09	0.89	0.05	0.25
07/04/2017	RG_BORDER	< 0.0050	< 0.0050	30.2	1.63	1.07	1.74	< 0.10	< 0.40
07/04/2017	RG_BORDER	< 0.0050	0.0063	29.6	0.92	1.22	0.67	< 0.10	0.21
07/04/2017	RG_BORDER	< 0.0050	0.0108	32.7	1.74	0.97	0.28	< 0.10	0.35
07/11/2017	RG_BORDER	0.0025	0.0040	29.9	1.49	1.13	1.37	0.05	0.18
07/11/2017	RG_BORDER	< 0.0050	< 0.0050	29.3	1.80	1.09	2.64	< 0.10	0.12
07/11/2017	RG_BORDER	< 0.0050	< 0.0050	29.0	1.06	1.28	0.70	< 0.10	0.12
07/11/2017	RG_BORDER	< 0.0050	0.0069	31.3	1.60	1.02	0.77	< 0.10	0.29
08/08/2017	RG_BORDER	0.0025	0.0053	31.8	1.46	1.26	1.35	0.05	0.15
08/08/2017	RG_BORDER	< 0.0050	< 0.0050	32.5	1.45	1.40	1.50	< 0.10	0.10
08/08/2017	RG_BORDER	< 0.0050	0.0061	30.8	1.16	1.35	2.32	< 0.10	0.11
08/08/2017	RG_BORDER	< 0.0050	0.0073	32.1	1.76	1.04	0.23	< 0.10	0.24
09/18/2017	RG_BORDER	0.0025	0.0035	32.9	1.18	1.77	0.90	0.05	0.08
09/18/2017	RG_BORDER	< 0.0050	< 0.0050	33.5	1.12	2.07	1.26	< 0.10	< 0.10
09/18/2017	RG_BORDER	< 0.0050	< 0.0050	34.2	1.14	2.14	1.08	< 0.10	< 0.10
09/18/2017	RG_BORDER	< 0.0050	0.0056	31.1	1.28	1.09	0.36	< 0.10	0.15
10/03/2017	RG_BORDER	0.0025	0.0025	33.4	1.07	2.49	1.63	0.05	0.07
10/03/2017	RG_BORDER	< 0.0050	< 0.0050	32.5	1.14	2.03	1.71	< 0.10	< 0.10
10/03/2017	RG_BORDER	< 0.0050	< 0.0050	31.5	1.14	2.04	1.54	< 0.10	0.11
10/03/2017	RG_BORDER	< 0.0050	< 0.0050	36.2	0.92	3.40	1.64	< 0.10	< 0.10
11/08/2017	RG_BORDER	< 0.0050	< 0.0050	36.5	1.35	2.20	1.65	< 0.10	< 0.30
11/08/2017	RG_BORDER	< 0.0050	< 0.0050	37.4	1.09	2.21	1.73	< 0.10	< 0.30
11/08/2017	RG_BORDER	< 0.0050	< 0.0050	38.4	1.22	2.30	1.32	< 0.10	< 0.30
11/08/2017	RG_BORDER	0.0025	0.0025	37.4	1.22	2.24	1.57	0.05	0.15
12/05/2017	RG_BORDER	< 0.0050	< 0.0050	35.1	1.30	2.24	2.01	< 0.10	0.12
12/05/2017	RG_BORDER	< 0.0050	< 0.0050	35.7	1.11	2.35	1.63	< 0.10	0.12
12/05/2017	RG_BORDER	< 0.0050	0.0086	37.1	1.30	2.99	1.41	< 0.10	0.31
12/05/2017	RG_BORDER	0.0025	0.0045	36.0	1.24	2.53	1.68	0.05	0.18
04/04/2017	RG_DSELK	< 0.0050	0.1170	63.1	1.84	4.08	1.55	< 0.10	2.44
04/11/2017	RG_DSELK	0.0063	0.1640	69.0	1.85	3.68	1.71	< 0.10	4.14
04/17/2017	RG_DSELK	0.0076	0.2300	89.4	1.70	3.71	2.63	< 0.10	1.35
04/24/2017	RG_DSELK	< 0.0050	0.4310	109.0	1.75	2.97	2.40	< 0.10	11.90
05/02/2017	RG_DSELK	< 0.0050	0.1300	66.7	2.16	3.08	2.06	0.10	4.00
05/09/2017	RG_DSELK	< 0.0050	0.2210	84.0	2.43	1.45	2.33	< 0.10	6.74
05/16/2017	RG_DSELK	< 0.0050	0.0382	46.0	2.04	1.50	0.49	< 0.10	1.72
05/23/2017	RG_DSELK	< 0.0050	0.0465	45.2	2.01	1.37	0.25	< 0.10	1.49
05/30/2017	RG_DSELK	0.0055	0.1540	51.2	1.84	0.81	1.36	< 0.10	3.74
06/06/2017	RG_DSELK	0.0036	0.0423	38.8	1.29	0.80	0.13	0.07	1.44
06/06/2017	RG_DSELK	< 0.0050	0.0315	37.7	1.14	0.85	0.08	< 0.10	1.63
06/06/2017	RG_DSELK	< 0.0050	0.0318	39.2	1.55	0.84	0.11	< 0.10	1.03
06/06/2017	RG_DSELK	0.0059	0.0635	39.4	1.18	0.72	0.21	0.11	1.67
06/13/2017	RG_DSELK	0.0035	0.0259	37.5	1.14	0.89	0.08	0.05	1.34
06/13/2017	RG_DSELK	0.0054	0.0363	38.5	1.09	0.79	0.11	< 0.10	1.15

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
06/13/2017	RG_DSELK	< 0.0050	0.0218	36.6	1.11	0.93	0.07	< 0.10	1.38
06/13/2017	RG_DSELK	< 0.0050	0.0197	37.5	1.22	0.95	0.06	< 0.10	1.49
06/20/2017	RG_DSELK	0.0025	0.0120	32.1	1.11	1.06	0.17	0.05	0.47
06/20/2017	RG_DSELK	< 0.0050	0.0089	29.5	1.14	1.08	0.36	< 0.10	0.28
06/20/2017	RG_DSELK	< 0.0050	0.0129	33.3	1.12	1.04	0.08	< 0.10	0.48
06/20/2017	RG_DSELK	< 0.0050	0.0142	33.5	1.06	1.05	0.08	< 0.10	0.64
06/27/2017	RG_DSELK	0.0025	0.0079	33.3	1.28	1.16	0.57	0.05	0.23
06/27/2017	RG_DSELK	< 0.0050	< 0.0050	32.0	1.57	1.05	1.01	< 0.10	0.13
06/27/2017	RG_DSELK	< 0.0050	0.0088	34.1	1.20	1.20	0.50	< 0.10	0.17
06/27/2017	RG_DSELK	< 0.0050	0.0123	33.9	1.07	1.24	0.20	< 0.10	0.38
07/04/2017	RG_DSELK	0.0025	0.0047	30.8	1.27	1.18	1.00	0.05	0.08
07/04/2017	RG_DSELK	< 0.0050	< 0.0050	29.6	1.67	1.05	2.15	< 0.10	< 0.20
07/04/2017	RG_DSELK	< 0.0050	0.0059	32.3	1.14	1.15	0.55	< 0.10	< 0.10
07/04/2017	RG_DSELK	< 0.0050	0.0058	30.5	1.00	1.34	0.31	< 0.10	< 0.20
07/11/2017	RG_DSELK	0.0025	0.0057	30.6	1.11	1.21	1.50	0.05	0.16
07/11/2017	RG_DSELK	< 0.0050	< 0.0050	27.5	1.51	1.11	2.86	< 0.10	0.11
07/11/2017	RG_DSELK	< 0.0050	0.0067	35.2	1.02	1.18	1.14	< 0.10	0.21
07/11/2017	RG_DSELK	< 0.0050	0.0080	29.2	0.81	1.34	0.49	< 0.10	0.15
08/08/2017	RG_DSELK	0.0025	0.0063	34.3	1.24	1.65	0.91	0.05	0.14
08/08/2017	RG_DSELK	< 0.0050	< 0.0050	35.2	1.12	2.02	1.29	< 0.10	< 0.10
08/08/2017	RG_DSELK	< 0.0050	0.0100	33.4	1.35	1.28	0.53	< 0.10	0.22
09/18/2017	RG_DSELK	0.0025	0.0025	35.3	0.98	2.68	1.18	0.05	0.05
09/18/2017	RG_DSELK	< 0.0050	< 0.0050	34.3	0.96	2.43	1.21	< 0.10	< 0.10
09/18/2017	RG_DSELK	< 0.0050	< 0.0050	34.5	0.97	2.44	1.32	< 0.10	< 0.10
09/18/2017	RG_DSELK	< 0.0050	< 0.0050	37.2	1.01	3.16	1.00	< 0.10	< 0.10
10/03/2017	RG_DSELK	0.0025	0.0192	35.2	1.11	2.56	1.39	0.05	0.17
10/03/2017	RG_DSELK	< 0.0050	0.0480	33.2	1.22	2.27	1.52	< 0.10	0.26
10/03/2017	RG_DSELK	< 0.0050	< 0.0050	33.0	1.16	2.28	1.77	< 0.10	0.11
10/03/2017	RG_DSELK	< 0.0050	0.0072	39.5	0.94	3.14	0.89	< 0.10	0.14
11/08/2017	RG_DSELK	< 0.0050	< 0.0050	38.4	1.14	2.53	1.36	0.20	< 0.30
11/08/2017	RG_DSELK	< 0.0050	< 0.0050	42.4	1.26	3.09	1.33	< 0.10	< 0.30
11/08/2017	RG_DSELK	< 0.0050	< 0.0050	42.2	1.29	3.19	1.06	< 0.10	< 0.40
11/08/2017	RG_DSELK	0.0025	0.0025	41.0	1.23	2.94	1.25	0.10	0.17
12/05/2017	RG_DSELK	< 0.0050	0.0053	37.7	1.50	2.82	2.07	< 0.10	0.14
12/05/2017	RG_DSELK	< 0.0050	0.0083	38.2	1.42	3.75	0.57	< 0.10	0.19
12/05/2017	RG_DSELK	< 0.0050	0.0116	41.4	1.29	3.32	0.90	0.11	0.20
12/05/2017	RG_DSELK	0.0025	0.0084	39.1	1.40	3.30	1.18	0.07	0.18
01/03/2017	RG_ELKMOUTH	0.0056	0.0088	60.2	0.66	2.54		0.21	0.25
02/08/2017	RG_ELKMOUTH	0.0086	0.0140	61.8	< 0.50	2.63		0.20	0.37
03/07/2017	RG_ELKMOUTH	0.0096	0.0119	55.3	0.86	3.06		0.19	0.21
03/14/2017	RG_ELKMOUTH	0.0114	0.0144	59.8	1.29	4.31		0.18	0.34
03/21/2017	RG_ELKMOUTH	0.0088	0.0891	47.6	2.55	2.66		0.16	1.31
03/28/2017	RG_ELKMOUTH	0.0073	0.0240	48.8	1.65	3.27		0.16	0.49
04/04/2017	RG_ELKMOUTH	0.0110	0.0232	50.9	1.55	2.99		0.14	0.45
04/11/2017	RG_ELKMOUTH	0.0099	0.0185	45.7	1.55	2.51		0.14	0.39

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
04/18/2017	RG_ELKMOUTH	0.0098	0.0204	52.1	1.42	2.46		0.16	0.36
04/25/2017	RG_ELKMOUTH	0.0083	0.0643	50.0	1.90	1.69		0.18	0.99
05/01/2017	RG_ELKMOUTH	0.0110	0.0299	50.1	1.95	1.83		0.17	0.47
05/09/2017	RG_ELKMOUTH	0.0107	0.1140	49.7	2.73	1.08		0.20	1.59
05/16/2017	RG_ELKMOUTH	0.0109	0.0764	46.0	1.96	1.07		0.16	1.09
05/23/2017	RG_ELKMOUTH	0.0094	0.1290	40.6	2.28	0.66		0.12	1.69
05/30/2017	RG_ELKMOUTH	0.0128	0.2750	48.7	2.12	0.56		0.19	3.33
06/06/2017	RG_ELKMOUTH	0.0086	0.1560	44.2	1.75	0.57		0.15	2.69
06/13/2017	RG_ELKMOUTH	0.0080	0.0717	42.4	1.43	0.74		0.16	1.17
06/20/2017	RG_ELKMOUTH	0.0079	0.0459	40.6	0.92	0.73		0.13	1.00
06/27/2017	RG_ELKMOUTH	0.0059	< 0.035	40.7	1.20	0.81		0.17	0.57
07/04/2017	RG_ELKMOUTH	0.0063	0.0180	41.6	0.68	0.91		0.15	0.43
07/11/2017	RG_ELKMOUTH	< 0.0050	0.0163	45.7	0.86	1.15		0.14	0.38
08/01/2017	RG_ELKMOUTH	< 0.0050	0.0168	49.8	1.02	1.62		0.21	0.29
09/19/2017	RG_ELKMOUTH	< 0.0050	0.0063	54.8	1.22	2.14		< 0.10	0.29
10/03/2017	RG_ELKMOUTH	< 0.0050	0.0080	53.6	0.71	2.41		0.11	0.29
11/08/2017	RG_ELKMOUTH	0.0071	0.0077	59.0	0.73	2.43		0.20	0.24
12/05/2017	RG_ELKMOUTH	0.0066	0.0122	51.5	1.08	2.27		0.12	0.21
04/04/2017	RG_GRASMERE	0.0025	0.0405	50.5	1.67	4.18	0.82	0.05	1.02
04/04/2017	RG_GRASMERE	< 0.0050	0.0443	50.7	1.69	4.16	0.83	< 0.10	1.02
04/04/2017	RG_GRASMERE	< 0.0050	0.0367	50.2	1.64	4.19	0.82	< 0.10	1.02
04/11/2017	RG_GRASMERE	0.0072	0.0695	52.0	1.86	3.64	0.82	< 0.10	1.74
04/17/2017	RG_GRASMERE	< 0.0050	0.0563	55.1	1.58	3.68	1.03	< 0.10	1.74
04/24/2017	RG_GRASMERE	0.0061	0.0596	55.0	1.93	3.14	1.83	< 0.10	1.52
05/02/2017	RG_GRASMERE	0.0051	0.4010	114.0	2.16	3.07	1.02	< 0.10	10.70
05/09/2017	RG_GRASMERE	< 0.0050	0.1600	71.7	2.46	1.44	0.91	< 0.10	5.53
05/16/2017	RG_GRASMERE	< 0.0050	0.0217	37.8	2.29	1.42	0.18	< 0.10	0.94
05/23/2017	RG_GRASMERE	< 0.0050	0.0239	38.5	1.97	1.42	0.44	< 0.10	0.52
05/30/2017	RG_GRASMERE	< 0.0050	0.0398	40.0	1.89	0.98	0.43	< 0.10	1.81
06/06/2017	RG_GRASMERE	0.0025	0.0289	37.0	1.22	0.85	0.10	0.05	1.31
06/06/2017	RG_GRASMERE	< 0.0050	0.0181	35.2	1.21	0.90	0.09	< 0.10	0.95
06/06/2017	RG_GRASMERE	< 0.0050	0.0292	37.8	1.20	0.86	0.13	< 0.10	1.93
06/06/2017	RG_GRASMERE	< 0.0050	0.0395	38.0	1.24	0.79	0.08	< 0.10	1.05
06/13/2017	RG_GRASMERE	0.0025	0.0217	35.4	1.27	0.86	0.26	0.05	1.31
06/13/2017	RG_GRASMERE	< 0.0050	0.0180	33.3	1.34	0.89	0.56	< 0.10	0.82
06/13/2017	RG_GRASMERE	< 0.0050	0.0244	36.1	1.20	0.85	0.15	< 0.10	1.43
06/13/2017	RG_GRASMERE	< 0.0050	0.0228	36.9	1.27	0.84	0.06	< 0.10	1.68
06/20/2017	RG_GRASMERE	0.0025	0.0089	31.4	1.22	1.04	0.31	0.05	0.39
06/20/2017	RG_GRASMERE	< 0.0050	< 0.0050	28.9	1.54	1.04	0.66	< 0.10	0.14
06/20/2017	RG_GRASMERE	< 0.0050	0.0085	31.0	1.12	1.07	0.15	< 0.10	0.42
06/20/2017	RG_GRASMERE	< 0.0050	0.0158	34.4	0.99	1.01	0.11	< 0.10	0.60
06/27/2017	RG_GRASMERE	0.0025	0.0060	34.6	1.43	1.08	0.78	0.05	0.21
06/27/2017	RG_GRASMERE	< 0.0050	< 0.0050	32.3	1.72	1.02	1.50	< 0.10	0.11
06/27/2017	RG_GRASMERE	< 0.0050	0.0058	34.2	1.45	1.12	0.65	< 0.10	0.19
06/27/2017	RG_GRASMERE	< 0.0050	0.0096	37.2	1.11	1.11	0.18	< 0.10	0.32

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
07/04/2017	RG_GRASMERE	0.0025	0.0042	30.2	1.30	1.14	1.36	0.05	0.10
07/04/2017	RG_GRASMERE	< 0.0050	< 0.0050	29.5	1.64	1.03	1.64	< 0.10	< 0.20
07/04/2017	RG_GRASMERE	< 0.0050	< 0.0050	29.6	1.34	1.15	1.98	< 0.10	< 0.20
07/04/2017	RG_GRASMERE	< 0.0050	0.0076	31.4	0.92	1.24	0.47	< 0.10	< 0.20
07/11/2017	RG_GRASMERE	0.0025	0.0050	28.9	1.17	1.24	1.17	0.05	0.12
07/11/2017	RG_GRASMERE	< 0.0050	< 0.0050	28.8	1.67	1.11	2.70	< 0.10	< 0.10
07/11/2017	RG_GRASMERE	< 0.0050	< 0.0050	27.9	0.86	1.42	0.49	< 0.10	0.12
07/11/2017	RG_GRASMERE	< 0.0050	0.0100	30.1	0.99	1.20	0.33	< 0.10	0.19
08/08/2017	RG_GRASMERE	0.0025	0.0025	33.5	1.36	1.72	1.43	0.05	0.10
08/08/2017	RG_GRASMERE	< 0.0050	< 0.0050	32.6	1.49	1.61	1.45	< 0.10	< 0.10
08/08/2017	RG_GRASMERE	< 0.0050	< 0.0050	34.3	1.23	1.82	1.41	< 0.10	0.14
09/18/2017	RG_GRASMERE	0.0025	0.0025	35.1	1.15	2.50	1.16	0.05	0.05
09/18/2017	RG_GRASMERE	< 0.0050	< 0.0050	34.2	1.26	2.33	1.43	< 0.10	< 0.10
09/18/2017	RG_GRASMERE	< 0.0050	< 0.0050	34.4	1.17	2.36	1.14	< 0.10	< 0.10
09/18/2017	RG_GRASMERE	< 0.0050	< 0.0050	36.7	1.02	2.80	0.91	< 0.10	< 0.10
10/03/2017	RG_GRASMERE	0.0025	0.0025	33.6	1.05	2.36	1.41	0.05	0.09
10/03/2017	RG_GRASMERE	< 0.0050	< 0.0050	32.6	1.03	2.21	1.55	< 0.10	< 0.10
10/03/2017	RG_GRASMERE	< 0.0050	< 0.0050	32.8	1.12	2.21	1.68	< 0.10	0.10
10/03/2017	RG_GRASMERE	< 0.0050	< 0.0050	35.5	1.00	2.65	1.01	< 0.10	0.12
11/08/2017	RG_GRASMERE	< 0.0050	< 0.0050	36.0	1.25	2.47	1.50	< 0.10	< 0.30
11/08/2017	RG_GRASMERE	< 0.0050	< 0.0050	41.4	1.28	2.63	1.27	< 0.10	< 0.30
11/08/2017	RG_GRASMERE	< 0.0050	< 0.0050	39.5	1.25	2.94	0.96	< 0.10	< 0.20
11/08/2017	RG_GRASMERE	0.0025	0.0025	39.0	1.26	2.68	1.24	0.05	0.13
12/05/2017	RG_GRASMERE	< 0.0050	< 0.0050	35.6	1.43	2.51	2.73	< 0.10	0.11
12/05/2017	RG_GRASMERE	< 0.0050	0.0062	38.3	1.64	3.17	1.23	< 0.10	0.18
12/05/2017	RG_GRASMERE	< 0.0050	0.0061	39.4	1.41	4.37	1.03	< 0.10	0.19
12/05/2017	RG_GRASMERE	0.0025	0.0049	37.8	1.49	3.35	1.66	0.05	0.16
04/24/2017	RG_KERRRD	< 0.0050	0.0270	49.8	2.02	3.64	2.52	< 0.10	1.84
05/02/2017	RG_KERRRD	< 0.0050	0.0136	43.2	2.24	3.66	1.16	< 0.10	0.73
05/09/2017	RG_KERRRD	< 0.0050	0.0430	50.2	2.38	1.57	0.49	0.31	2.64
05/16/2017	RG_KERRRD	< 0.0050	0.0182	40.3	2.16	1.61	0.37	< 0.10	1.16
05/23/2017	RG_KERRRD	< 0.0050	0.0552	54.0	1.90	1.38	0.47	< 0.10	2.82
05/30/2017	RG_KERRRD	< 0.0050	0.0553	55.1	1.82	0.95	0.81	< 0.10	3.47
06/06/2017	RG_KERRRD	0.0025	0.0254	41.3	1.36	0.94	0.16	0.05	1.91
06/06/2017	RG_KERRRD	< 0.0050	0.0249	40.9	1.38	0.94	0.19	< 0.10	1.87
06/06/2017	RG_KERRRD	< 0.0050	0.0258	41.7	1.34	0.94	0.13	< 0.10	1.94
06/13/2017	RG_KERRRD	0.0025	0.0141	37.1	1.09	1.11	0.06	0.05	1.91
06/13/2017	RG_KERRRD	< 0.0050	0.0138	37.3	1.09	1.12	0.06	< 0.10	2.61
06/13/2017	RG_KERRRD	< 0.0050	0.0144	36.9	1.09	1.10	0.05	< 0.10	1.20
06/20/2017	RG_KERRRD	0.0025	0.0091	30.1	1.06	1.22	0.10	0.05	0.54
06/20/2017	RG_KERRRD	< 0.0050	0.0092	30.6	0.99	1.22	0.12	< 0.10	0.53
06/20/2017	RG_KERRRD	< 0.0050	0.0086	29.9	1.09	1.23	0.10	< 0.10	0.56
06/20/2017	RG_KERRRD	< 0.0050	0.0094	29.9	1.11	1.22	0.08	< 0.10	0.52
06/27/2017	RG_KERRRD	0.0025	0.0047	32.0	1.11	1.47	0.12	0.05	0.27
06/27/2017	RG_KERRRD	< 0.0050	0.0056	31.8	1.15	1.45	0.16	< 0.10	0.27

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
06/27/2017	RG_KERRRD	< 0.0050	< 0.0050	32.1	1.02	1.47	0.11	< 0.10	0.26
06/27/2017	RG_KERRRD	< 0.0050	0.0061	32.0	1.16	1.48	0.09	< 0.10	0.27
07/04/2017	RG_KERRRD	0.0025	0.0053	28.8	1.18	1.40	0.50	0.05	0.10
07/04/2017	RG_KERRRD	< 0.0050	0.0059	28.7	1.44	1.34	0.93	< 0.10	< 0.20
07/04/2017	RG_KERRRD	< 0.0050	0.0075	29.1	1.07	1.45	0.25	< 0.10	< 0.20
07/04/2017	RG_KERRRD	< 0.0050	< 0.0050	28.6	1.03	1.42	0.31	< 0.10	< 0.20
07/11/2017	RG_KERRRD	0.0025	0.0025	28.1	1.12	1.40	1.34	0.05	0.16
07/11/2017	RG_KERRRD	< 0.0050	< 0.0050	28.9	1.54	1.22	2.68	< 0.10	0.11
07/11/2017	RG_KERRRD	< 0.0050	< 0.0050	27.7	0.94	1.49	0.90	< 0.10	0.19
07/11/2017	RG_KERRRD	< 0.0050	< 0.0050	27.8	0.88	1.49	0.44	< 0.10	0.19
08/08/2017	RG_KERRRD	0.0025	0.0025	33.8	1.12	2.45	0.92	0.05	0.11
08/08/2017	RG_KERRRD	< 0.0050	< 0.0050	32.3	1.19	2.12	1.14	< 0.10	0.12
08/08/2017	RG_KERRRD	< 0.0050	< 0.0050	35.0	1.10	2.88	1.02	< 0.10	< 0.10
08/08/2017	RG_KERRRD	< 0.0050	< 0.0050	34.1	1.07	2.35	0.61	< 0.10	0.16
09/18/2017	RG_KERRRD	0.0025	0.0025	35.1	1.20	3.32	1.31	0.05	0.05
09/18/2017	RG_KERRRD	< 0.0050	< 0.0050	34.5	1.10	2.93	1.42	< 0.10	< 0.10
09/18/2017	RG_KERRRD	< 0.0050	< 0.0050	34.2	1.05	2.96	1.54	< 0.10	< 0.10
09/18/2017	RG_KERRRD	< 0.0050	< 0.0050	36.6	1.45	4.06	0.96	< 0.10	< 0.10
10/03/2017	RG_KERRRD	0.0025	0.0035	36.3	1.15	3.33	1.45	0.05	0.13
10/03/2017	RG_KERRRD	< 0.0050	< 0.0050	34.7	1.18	2.59	1.39	< 0.10	0.12
10/03/2017	RG_KERRRD	< 0.0050	< 0.0050	34.8	1.16	2.61	1.53	< 0.10	0.12
10/03/2017	RG_KERRRD	< 0.0050	0.0055	39.4	1.12	4.80	1.44	< 0.10	0.16
11/08/2017	RG_KERRRD	< 0.0050	< 0.0050	39.2	1.24	4.30	1.18	< 0.10	< 0.30
11/08/2017	RG_KERRRD	< 0.0050	< 0.0050	37.2	1.29	4.31	1.20	< 0.10	< 0.40
11/08/2017	RG_KERRRD	< 0.0050	< 0.0050	40.7	1.36	4.35	1.14	< 0.10	< 0.30
11/08/2017	RG_KERRRD	0.0025	0.0025	39.0	1.30	4.32	1.17	0.05	0.17
12/05/2017	RG_KERRRD	< 0.0050	0.0104	35.8	1.71	4.43	1.38	< 0.10	0.19
12/05/2017	RG_KERRRD	0.0075	0.0109	34.0	1.56	4.43	1.58	< 0.10	0.16
12/05/2017	RG_KERRRD	< 0.0050	0.0128	38.2	1.71	4.76	1.32	< 0.10	0.58
12/05/2017	RG_KERRRD	0.0042	0.0114	36.0	1.66	4.54	1.43	0.05	0.31
04/04/2017	RG_USGOLD	0.0025	0.0309	48.6	1.63	4.09	0.60	0.05	0.69
04/04/2017	RG_USGOLD	< 0.0050	0.0292	47.4	1.74	4.07	0.59	< 0.10	0.62
04/04/2017	RG_USGOLD	< 0.0050	0.0326	49.7	1.51	4.10	0.60	< 0.10	0.75
04/11/2017	RG_USGOLD	0.0062	0.0505	49.1	1.92	3.67	0.60	< 0.10	0.84
04/17/2017	RG_USGOLD	< 0.0050	0.0477	52.1	1.64	3.68	0.68	< 0.10	0.97
04/24/2017	RG_USGOLD	0.0052	0.1590	66.1	1.75	3.00	1.06	< 0.10	5.02
05/02/2017	RG_USGOLD	0.0057	0.1030	62.8	1.46	2.41	0.30	< 0.10	3.66
05/09/2017	RG_USGOLD	< 0.0050	0.0690	48.7	2.49	1.44	0.57	< 0.10	2.49
05/16/2017	RG_USGOLD	< 0.0050	0.0259	40.1	2.18	1.42	0.25	< 0.10	1.08
05/23/2017	RG_USGOLD	< 0.0050	0.0381	39.4	1.96	1.33	0.38	< 0.10	0.79
05/30/2017	RG_USGOLD	0.0053	0.0630	37.9	1.84	0.88	0.32	0.12	1.71
05/30/2017	RG_USGOLD	0.0075	0.0611	35.7	1.77	0.85	0.24	0.12	1.45
05/30/2017	RG_USGOLD	0.0060	0.0662	38.7	1.87	0.86	0.36	0.11	1.82
05/30/2017	RG_USGOLD	< 0.0050	0.0618	39.2	1.89	0.92	0.37	0.13	1.86
06/06/2017	RG_USGOLD	0.0025	0.0298	35.7	1.34	0.85	0.18	0.07	1.23

Sample Date	Location	Cadmium - Dissolved µg/l	Cadmium - Total µg/l	Calcium - Total mg/l	Carbon, Dissolved Organic mg/l	Chloride - Dissolved mg/l	Chlorophyll-A µg/l	Chromium - Dissolved µg/l	Chromium - Total µg/l
06/06/2017	RG_USGOLD	< 0.0050	0.0176	31.7	1.43	0.95	0.26	< 0.10	0.77
06/06/2017	RG_USGOLD	< 0.0050	0.0207	36.2	1.29	0.90	0.10	< 0.10	1.44
06/06/2017	RG_USGOLD	< 0.0050	0.0510	39.1	1.31	0.71	0.17	0.11	1.49
06/13/2017	RG_USGOLD	0.0025	0.0194	33.8	1.50	0.87	0.59	0.05	1.04
06/13/2017	RG_USGOLD	< 0.0050	0.0091	29.6	1.67	0.98	1.44	< 0.10	0.17
06/13/2017	RG_USGOLD	< 0.0050	0.0227	34.6	1.44	0.83	0.21	< 0.10	1.18
06/13/2017	RG_USGOLD	< 0.0050	0.0265	37.2	1.38	0.81	0.11	< 0.10	1.78
06/20/2017	RG_USGOLD	0.0025	0.0091	30.7	1.10	1.01	0.50	0.05	0.37
06/20/2017	RG_USGOLD	< 0.0050	0.0056	29.2	1.47	1.03	1.04	< 0.10	0.13
06/20/2017	RG_USGOLD	< 0.0050	0.0067	28.5	1.08	1.04	0.35	< 0.10	0.29
06/20/2017	RG_USGOLD	< 0.0050	0.0150	34.4	0.75	0.97	0.10	< 0.10	0.68
06/27/2017	RG_USGOLD	0.0025	0.0070	34.5	1.35	1.10	0.57	0.05	0.23
06/27/2017	RG_USGOLD	< 0.0050	< 0.0050	31.7	1.65	1.01	1.31	< 0.10	0.11
06/27/2017	RG_USGOLD	< 0.0050	0.0061	33.9	1.01	1.23	0.29	< 0.10	0.20
06/27/2017	RG_USGOLD	< 0.0050	0.0125	38.0	1.38	1.05	0.12	< 0.10	0.38
07/04/2017	RG_USGOLD	0.0025	0.0049	30.4	1.20	1.14	0.71	0.05	0.13
07/04/2017	RG_USGOLD	< 0.0050	< 0.0050	30.5	1.77	1.04	1.24	< 0.10	< 0.20
07/04/2017	RG_USGOLD	< 0.0050	0.0060	29.9	0.99	1.18	0.57	< 0.10	< 0.20
07/04/2017	RG_USGOLD	< 0.0050	0.0062	30.8	0.85	1.20	0.31	< 0.10	< 0.40
07/11/2017	RG_USGOLD	0.0025	0.0037	29.8	1.20	1.15	1.22	0.05	0.16
07/11/2017	RG_USGOLD	< 0.0050	< 0.0050	29.0	1.50	1.09	2.94	< 0.10	0.17
07/11/2017	RG_USGOLD	< 0.0050	< 0.0050	28.7	0.96	1.37	0.46	< 0.10	0.15
07/11/2017	RG_USGOLD	< 0.0050	0.0060	31.6	1.15	1.00	0.27	< 0.10	0.17
08/08/2017	RG_USGOLD	0.0025	0.0049	34.3	1.29	1.56	1.10	0.07	0.15
08/08/2017	RG_USGOLD	< 0.0050	< 0.0050	31.9	1.55	1.54	1.71	< 0.10	0.14
08/08/2017	RG_USGOLD	< 0.0050	0.0054	39.4	0.99	2.07	1.17	0.11	0.17
08/08/2017	RG_USGOLD	< 0.0050	0.0067	31.7	1.32	1.08	0.42	< 0.10	0.14
09/18/2017	RG_USGOLD	0.0025	0.0038	32.6	1.07	2.10	1.05	0.07	0.05
09/18/2017	RG_USGOLD	< 0.0050	< 0.0050	33.2	1.09	2.22	1.21	0.11	< 0.10
09/18/2017	RG_USGOLD	< 0.0050	< 0.0050	31.5	1.08	2.31	1.30	< 0.10	< 0.10
09/18/2017	RG_USGOLD	< 0.0050	0.0064	33.0	1.04	1.77	0.65	< 0.10	< 0.10
10/03/2017	RG_USGOLD	0.0025	0.0039	34.5	1.10	2.73	1.39	0.05	0.08
10/03/2017	RG_USGOLD	< 0.0050	< 0.0050	33.5	1.16	2.21	1.48	< 0.10	< 0.10
10/03/2017	RG_USGOLD	< 0.0050	< 0.0050	32.6	1.24	2.22	1.45	< 0.10	< 0.10
10/03/2017	RG_USGOLD	< 0.0050	0.0068	37.4	0.91	3.76	1.25	< 0.10	0.13
11/08/2017	RG_USGOLD	< 0.0050	0.0070	36.7	1.72	2.38	1.62	< 0.10	< 0.30
11/08/2017	RG_USGOLD	< 0.0050	< 0.0050	37.9	1.34	2.42	1.65	< 0.10	< 0.30
11/08/2017	RG_USGOLD	< 0.0050	0.0057	37.7	1.34	2.67	0.94	< 0.10	< 0.30
11/08/2017	RG_USGOLD	0.0025	0.0051	37.4	1.47	2.49	1.40	0.05	0.15
12/05/2017	RG_USGOLD	< 0.0050	< 0.0050	35.5	1.34	2.45	2.26	< 0.10	0.12
12/05/2017	RG_USGOLD	< 0.0050	0.0055	36.3	1.32	2.51	1.83	< 0.10	0.12
12/05/2017	RG_USGOLD	< 0.0050	0.0076	38.8	1.49	3.56	1.04	< 0.10	0.19
12/05/2017	RG_USGOLD	0.0025	0.0052	36.9	1.38	2.84	1.71	0.05	0.14

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
04/11/2017	RG_BORDER	0.20	0.48	325	0.56	1.10	0.40	10.93	0.101
04/11/2017	RG_BORDER	0.11	0.46	324	< 0.50	1.04	0.40	10.67	0.101
04/11/2017	RG_BORDER	0.24	0.47	327	0.65	1.04	0.40	11.35	0.102
04/11/2017	RG_BORDER	0.25	0.51	325	0.78	1.21	0.40	10.76	0.101
04/17/2017	RG_BORDER	0.11	0.53	313	0.25	1.36	0.25	11.05	0.097
04/17/2017	RG_BORDER	0.11	0.50	316	< 0.50	1.37	0.25	10.85	0.098
04/17/2017	RG_BORDER	0.11	0.51	311	< 0.50	1.40	0.25	10.99	0.096
04/17/2017	RG_BORDER	0.10	0.57	312	< 0.50	1.30	0.25	11.31	0.097
04/24/2017	RG_BORDER	0.11	0.75	322	0.25	1.88	0.30	9.23	0.097
04/24/2017	RG_BORDER	0.10	0.69	326	< 0.50	1.63	0.30	9.19	0.100
04/24/2017	RG_BORDER	0.11	0.71	323	< 0.50	2.05	0.30	9.25	0.097
04/24/2017	RG_BORDER	0.12	0.84	318	< 0.50	1.95	0.30	9.25	0.094
05/02/2017	RG_BORDER	0.08	0.74	302	0.25	1.70	0.20	9.49	0.088
05/02/2017	RG_BORDER	0.11	0.69	305	< 0.50	1.62	0.20	9.41	0.089
05/02/2017	RG_BORDER	< 0.10	0.78	298	< 0.50	1.77	0.20	9.56	0.087
05/09/2017	RG_BORDER	0.12	1.50	226	0.62	3.28	0.20	11.22	0.069
05/09/2017	RG_BORDER	0.12	1.45	226	0.64	3.19	0.20	11.07	0.069
05/09/2017	RG_BORDER	0.12	1.51	225	0.62	3.36	0.20	11.37	0.069
05/09/2017	RG_BORDER	0.12	1.53	226	0.59	3.29	0.20	11.28	0.070
05/16/2017	RG_BORDER	0.05	0.61	220	0.25	1.48	0.30	11.48	0.067
05/16/2017	RG_BORDER	< 0.10	0.58	219	< 0.50	1.43	0.30	11.39	0.067
05/16/2017	RG_BORDER	< 0.10	0.63	221	< 0.50	1.49	0.30	11.53	0.065
05/16/2017	RG_BORDER	< 0.10	0.63	220	< 0.50	1.52	0.30	11.51	0.069
05/23/2017	RG_BORDER	0.05	0.21	238	0.25	0.72	0.60		0.069
05/23/2017	RG_BORDER	< 0.10	0.16	242	< 0.50	0.62	0.60		0.070
05/23/2017	RG_BORDER	< 0.10	0.27	232	< 0.50	0.78	0.60		0.067
05/23/2017	RG_BORDER	< 0.10	0.21	239	< 0.50	0.75	0.60		0.071
05/30/2017	RG_BORDER	0.05	0.43	211	0.36	1.19	0.95	9.88	0.068
05/30/2017	RG_BORDER	< 0.10	0.32	205	< 0.50	1.01	0.95	9.86	0.064
05/30/2017	RG_BORDER	< 0.10	0.47	211	< 0.50	1.25	0.95	9.85	0.069
05/30/2017	RG_BORDER	< 0.10	0.51	218	0.58	1.30	0.95	9.94	0.072
06/06/2017	RG_BORDER	0.05	0.51	204	0.25	1.20	1.50	10.33	0.068
06/06/2017	RG_BORDER	< 0.10	< 0.10	221	< 0.50	< 0.50	1.50	10.47	0.072
06/06/2017	RG_BORDER	< 0.10	0.75	195	< 0.50	1.69	1.50	10.13	0.065
06/06/2017	RG_BORDER	< 0.10	0.73	196	< 0.50	1.65	1.50	10.38	0.067
06/13/2017	RG_BORDER	0.05	0.45	189	0.25	1.24	1.30	9.85	0.065
06/13/2017	RG_BORDER	< 0.10	< 0.10	202	< 0.50	0.51	1.30	10.13	0.067
06/13/2017	RG_BORDER	< 0.10	0.55	185	< 0.50	1.38	1.30	9.95	0.064
06/13/2017	RG_BORDER	< 0.10	0.75	179	< 0.50	1.84	1.30	9.46	0.064
06/20/2017	RG_BORDER	0.05	0.22	197	0.25	0.63	2.10	9.93	0.066
06/20/2017	RG_BORDER	< 0.10	< 0.10	202	< 0.50	< 0.50	2.10	10.07	0.066
06/20/2017	RG_BORDER	< 0.10	0.22	192	< 0.50	0.68	2.10	9.81	0.064
06/20/2017	RG_BORDER	< 0.10	0.38	196	< 0.50	0.97	2.10	9.92	0.069
06/27/2017	RG_BORDER	0.05	0.14	209	0.25	0.52	3.20	9.29	0.071
06/27/2017	RG_BORDER	< 0.10	< 0.10	208	< 0.50	< 0.50	3.20	8.66	0.067

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
06/27/2017	RG_BORDER	< 0.10	0.15	210	< 0.50	0.51	3.20	9.20	0.074
06/27/2017	RG_BORDER	< 0.10	0.21	208	< 0.50	0.81	3.20	10.01	0.072
07/04/2017	RG_BORDER	0.05	0.11	209	0.25	0.40	4.50	8.94	0.070
07/04/2017	RG_BORDER	< 0.10	< 0.10	210	< 0.50	< 0.50	4.50	9.57	0.067
07/04/2017	RG_BORDER	< 0.10	0.11	203	< 0.50	< 0.50	4.50	10.00	0.069
07/04/2017	RG_BORDER	< 0.10	0.17	215	< 0.50	0.70	4.50	7.26	0.075
07/11/2017	RG_BORDER	0.05	0.05	214	0.25	0.25	3.75	9.44	0.071
07/11/2017	RG_BORDER	< 0.10	< 0.10	212	< 0.50	< 0.50	3.75	9.61	0.068
07/11/2017	RG_BORDER	< 0.10	< 0.10	214	< 0.50	< 0.50	3.75	9.37	0.072
07/11/2017	RG_BORDER	< 0.10	< 0.10	215	< 0.50	< 0.50	3.75	9.33	0.074
08/08/2017	RG_BORDER	0.05	0.05	226	0.25	0.25	4.30	8.22	0.076
08/08/2017	RG_BORDER	< 0.10	< 0.10	229	< 0.50	< 0.50	4.30	7.76	0.078
08/08/2017	RG_BORDER	< 0.10	< 0.10	223	< 0.50	< 0.50	4.30	8.56	0.075
08/08/2017	RG_BORDER	< 0.10	< 0.10	226	< 0.50	< 0.50	4.30	8.34	0.076
09/18/2017	RG_BORDER	0.05	0.05	242	0.25	0.36	5.00	8.34	0.085
09/18/2017	RG_BORDER	< 0.10	< 0.10	250	< 0.50	< 0.50	5.00	8.35	0.088
09/18/2017	RG_BORDER	< 0.10	< 0.10	254	< 0.50	< 0.50	5.00	8.38	0.089
09/18/2017	RG_BORDER	< 0.10	< 0.10	222	< 0.50	0.58	5.00	8.29	0.077
10/03/2017	RG_BORDER	0.05	0.05	257	0.25	0.25	4.20	8.37	0.091
10/03/2017	RG_BORDER	< 0.10	< 0.10	243	< 0.50	< 0.50	4.20	8.49	0.089
10/03/2017	RG_BORDER	< 0.10	< 0.10	245	< 0.50	< 0.50	4.20	8.34	0.087
10/03/2017	RG_BORDER	< 0.10	< 0.10	282	< 0.50	< 0.50	4.20	8.27	0.097
11/08/2017	RG_BORDER	< 0.10	< 0.10	264	< 0.50	< 0.50	4.50	8.73	0.084
11/08/2017	RG_BORDER	< 0.10	< 0.10	254	< 0.50	< 0.50	4.50	9.36	0.085
11/08/2017	RG_BORDER	< 0.10	< 0.10	265	< 0.50	< 0.50	4.50	8.31	0.085
11/08/2017	RG_BORDER	0.05	0.05	261	0.25	0.25	4.50	8.80	0.085
12/05/2017	RG_BORDER	< 0.10	< 0.10	256	< 0.50	< 0.50	3.50	10.70	0.087
12/05/2017	RG_BORDER	< 0.10	< 0.10	255	< 0.50	< 0.50	3.50	10.56	0.089
12/05/2017	RG_BORDER	< 0.10	< 0.10	277	< 0.50	< 0.50	3.50	10.91	0.094
12/05/2017	RG_BORDER	0.05	0.05	263	0.25	0.25	3.50	10.72	0.090
04/04/2017	RG_DSELK	0.14	1.12	354	< 0.50	2.59	0.30	12.06	0.110
04/11/2017	RG_DSELK	< 0.10	2.15	329	< 0.50	4.92	0.20	11.36	0.098
04/17/2017	RG_DSELK	< 0.10	1.93	333	< 0.50	4.70	0.10	11.14	0.095
04/24/2017	RG_DSELK	0.12	6.29	317	< 0.50	13.30	0.05	9.44	0.093
05/02/2017	RG_DSELK	< 0.10	2.11	311	< 0.50	4.81	0.10	10.11	0.090
05/09/2017	RG_DSELK	< 0.10	4.03	239	< 0.50	8.75	0.03	11.68	0.070
05/16/2017	RG_DSELK	< 0.10	0.93	235	< 0.50	2.12	0.05	11.61	0.066
05/23/2017	RG_DSELK	< 0.10	0.88	212	< 0.50	2.07	0.05		0.056
05/30/2017	RG_DSELK	< 0.10	1.76	203	< 0.50	3.95	0.05	10.54	0.073
06/06/2017	RG_DSELK	0.05	0.64	203	0.25	1.47	0.20	10.52	0.071
06/06/2017	RG_DSELK	< 0.10	0.69	196	< 0.50	1.55	0.20	10.55	0.063
06/06/2017	RG_DSELK	< 0.10	0.60	196	< 0.50	1.34	0.20	10.46	0.064
06/06/2017	RG_DSELK	< 0.10	0.63	216	< 0.50	1.52	0.20	10.54	0.085
06/13/2017	RG_DSELK	0.05	0.71	202	0.25	1.62	0.20	10.06	0.071
06/13/2017	RG_DSELK	< 0.10	0.49	229	< 0.50	1.24	0.20	10.35	0.096

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
06/13/2017	RG_DSELK	< 0.10	0.78	192	< 0.50	1.72	0.20	9.83	0.060
06/13/2017	RG_DSELK	< 0.10	0.86	185	< 0.50	1.91	0.20	10.00	0.056
06/20/2017	RG_DSELK	0.05	0.25	199	0.25	0.92	0.50	9.86	0.065
06/20/2017	RG_DSELK	< 0.10	0.17	194	< 0.50	1.19	0.50	9.85	0.061
06/20/2017	RG_DSELK	< 0.10	0.26	203	< 0.50	0.74	0.50	9.71	0.068
06/20/2017	RG_DSELK	< 0.10	0.31	200	< 0.50	0.84	0.50	10.02	0.066
06/27/2017	RG_DSELK	0.05	0.10	206	0.25	0.41	4.00	8.88	0.069
06/27/2017	RG_DSELK	< 0.10	< 0.10	203	< 0.50	< 0.50	4.00	8.57	0.066
06/27/2017	RG_DSELK	< 0.10	< 0.10	212	< 0.50	< 0.50	4.00	8.90	0.073
06/27/2017	RG_DSELK	< 0.10	0.20	203	< 0.50	0.72	4.00	9.17	0.067
07/04/2017	RG_DSELK	0.05	0.07	214	0.25	0.25	4.50	9.30	0.073
07/04/2017	RG_DSELK	< 0.10	< 0.10	209	< 0.50	< 0.50	4.50	9.57	0.069
07/04/2017	RG_DSELK	< 0.10	< 0.10	228	< 0.50	< 0.50	4.50	8.72	0.082
07/04/2017	RG_DSELK	< 0.10	0.11	206	< 0.50	< 0.50	4.50	9.61	0.067
07/11/2017	RG_DSELK	0.05	0.05	216	0.25	0.25	3.50	9.69	0.080
07/11/2017	RG_DSELK	< 0.10	< 0.10	210	< 0.50	< 0.50	3.50	9.48	0.070
07/11/2017	RG_DSELK	< 0.10	< 0.10	226	< 0.50	< 0.50	3.50	9.92	0.097
07/11/2017	RG_DSELK	< 0.10	< 0.10	211	< 0.50	< 0.50	3.50	9.67	0.074
08/08/2017	RG_DSELK	0.05	0.05	245	0.25	0.25	6.00	8.02	0.086
08/08/2017	RG_DSELK	< 0.10	< 0.10	262	< 0.50	< 0.50	6.00	8.55	0.092
08/08/2017	RG_DSELK	< 0.10	< 0.10	228	< 0.50	< 0.50	6.00	7.49	0.079
09/18/2017	RG_DSELK	0.05	0.05	275	0.25	0.25	3.20	8.10	0.096
09/18/2017	RG_DSELK	< 0.10	< 0.10	268	< 0.50	< 0.50	3.20	8.50	0.093
09/18/2017	RG_DSELK	< 0.10	< 0.10	270	< 0.50	< 0.50	3.20	7.60	0.093
09/18/2017	RG_DSELK	< 0.10	< 0.10	288	< 0.50	< 0.50	3.20	8.19	0.102
10/03/2017	RG_DSELK	0.05	0.08	268	0.53	0.25	6.90	8.67	0.098
10/03/2017	RG_DSELK	< 0.10	0.14	252	< 0.50	< 0.50	6.90	8.45	0.091
10/03/2017	RG_DSELK	< 0.10	< 0.10	252	< 0.50	< 0.50	6.90	8.64	0.091
10/03/2017	RG_DSELK	< 0.10	< 0.10	301	1.09	< 0.50	6.90	8.92	0.112
11/08/2017	RG_DSELK	< 0.10	< 0.10	275	< 0.50	< 0.50	5.00	9.79	0.089
11/08/2017	RG_DSELK	< 0.10	< 0.10	295	< 0.50	< 0.50	5.00	10.29	0.096
11/08/2017	RG_DSELK	< 0.10	< 0.10	306	< 0.50	< 0.50	5.00	10.15	0.096
11/08/2017	RG_DSELK	0.05	0.05	292	0.25	0.25	5.00	10.08	0.094
12/05/2017	RG_DSELK	< 0.10	< 0.10	273	< 0.50	< 0.50	3.50	11.27	0.096
12/05/2017	RG_DSELK	< 0.10	< 0.10	302	< 0.50	< 0.50	3.50	11.63	0.104
12/05/2017	RG_DSELK	< 0.10	< 0.10	313	< 0.50	< 0.50	3.50	11.80	0.111
12/05/2017	RG_DSELK	0.05	0.05	296	0.25	0.25	3.50	11.57	0.104
01/03/2017	RG_ELKMOUTH	< 0.10	< 0.10	431	< 0.50	< 0.50		12.98	0.177
02/08/2017	RG_ELKMOUTH	< 0.10	< 0.10	421	< 0.50	< 0.50		13.32	0.161
03/07/2017	RG_ELKMOUTH	< 0.10	< 0.10	410	< 0.50	< 0.50		13.59	0.150
03/14/2017	RG_ELKMOUTH	< 0.10	< 0.10	408	< 0.50	< 0.50		12.44	0.147
03/21/2017	RG_ELKMOUTH	< 0.10	0.43	307	< 0.50	1.51		11.83	0.112
03/28/2017	RG_ELKMOUTH	< 0.10	< 0.10	381	0.53	0.54		12.41	0.123
04/04/2017	RG_ELKMOUTH	< 0.10	0.10	360	< 0.50	0.71		13.25	0.125
04/11/2017	RG_ELKMOUTH	< 0.10	< 0.10	331	< 0.50	0.54		13.20	0.120

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
04/18/2017	RG_ELKMOUTH	< 0.10	< 0.10	344	< 0.50	< 0.50		12.06	0.126
04/25/2017	RG_ELKMOUTH	< 0.10	0.31	330	< 0.50	1.11		12.10	0.121
05/01/2017	RG_ELKMOUTH	< 0.10	0.14	334	< 0.50	0.58		11.58	0.126
05/09/2017	RG_ELKMOUTH	< 0.10	0.58	286	< 0.50	1.73		12.77	0.115
05/16/2017	RG_ELKMOUTH	< 0.10	0.37	297	< 0.50	1.10		12.51	0.128
05/23/2017	RG_ELKMOUTH	< 0.10	0.67	251	< 0.50	1.83		12.17	0.094
05/30/2017	RG_ELKMOUTH	< 0.10	1.33	227	< 0.50	3.56		12.68	0.103
06/06/2017	RG_ELKMOUTH	< 0.10	0.89	245	< 0.50	2.33		12.68	0.113
06/13/2017	RG_ELKMOUTH	< 0.10	0.35	264	< 0.50	1.02		11.30	0.125
06/20/2017	RG_ELKMOUTH	< 0.10	0.30	258	< 0.50	0.85		11.08	0.122
06/27/2017	RG_ELKMOUTH	< 0.10	0.15	266	< 0.50	0.51		11.07	0.131
07/04/2017	RG_ELKMOUTH	< 0.10	< 0.10	311	< 0.50	< 0.50		10.85	0.144
07/11/2017	RG_ELKMOUTH	< 0.10	< 0.10	319	< 0.50	< 0.50		10.05	0.152
08/01/2017	RG_ELKMOUTH	< 0.10	< 0.10	362	< 0.50	< 0.50		9.29	0.174
09/19/2017	RG_ELKMOUTH	< 0.10	< 0.10	378	< 0.50	< 0.50		10.72	0.176
10/03/2017	RG_ELKMOUTH	< 0.10	< 0.10	385	< 0.50	< 0.50		11.52	0.174
11/08/2017	RG_ELKMOUTH	< 0.10	< 0.10	404	< 0.50	< 0.50		13.95	0.166
12/05/2017	RG_ELKMOUTH	< 0.10	< 0.10	361	< 0.50	< 0.50		14.17	0.147
04/04/2017	RG_GRASMERE	0.12	0.53	348	0.25	1.21	0.40	11.48	0.109
04/04/2017	RG_GRASMERE	0.11	0.54	351	< 0.50	1.19	0.40	11.53	0.109
04/04/2017	RG_GRASMERE	0.12	0.52	345	< 0.50	1.23	0.40	11.42	0.108
04/11/2017	RG_GRASMERE	< 0.10	0.89	327	< 0.50	2.10	0.20	11.27	0.099
04/17/2017	RG_GRASMERE	0.11	0.88	328	< 0.50	1.79	0.15	11.00	0.096
04/24/2017	RG_GRASMERE	0.17	0.94	360	< 0.50	2.00	0.20	8.25	0.108
05/02/2017	RG_GRASMERE	< 0.10	5.82	317	< 0.50	13.10	0.05	9.85	0.091
05/09/2017	RG_GRASMERE	0.10	3.25	243	< 0.50	6.94	0.05	11.91	0.073
05/16/2017	RG_GRASMERE	< 0.10	0.44	232	< 0.50	1.16	0.05	11.61	0.069
05/23/2017	RG_GRASMERE	< 0.10	0.33	229	< 0.50	1.09	0.03		0.059
05/30/2017	RG_GRASMERE	< 0.10	0.98	186	< 0.50	2.14	0.15	10.03	0.055
06/06/2017	RG_GRASMERE	0.05	0.58	196	0.25	1.36	0.20	10.24	0.065
06/06/2017	RG_GRASMERE	< 0.10	0.51	188	< 0.50	1.17	0.20	10.26	0.057
06/06/2017	RG_GRASMERE	< 0.10	0.73	193	< 0.50	1.66	0.20	10.12	0.063
06/06/2017	RG_GRASMERE	< 0.10	0.51	206	< 0.50	1.26	0.20	10.33	0.074
06/13/2017	RG_GRASMERE	0.05	0.74	195	0.25	1.66	0.90	9.88	0.068
06/13/2017	RG_GRASMERE	< 0.10	0.41	205	< 0.50	1.06	0.90	10.08	0.075
06/13/2017	RG_GRASMERE	< 0.10	0.81	193	< 0.50	1.79	0.90	9.70	0.067
06/13/2017	RG_GRASMERE	< 0.10	0.99	187	< 0.50	2.12	0.90	9.87	0.062
06/20/2017	RG_GRASMERE	0.05	0.19	200	0.25	0.57	2.60	9.74	0.066
06/20/2017	RG_GRASMERE	< 0.10	< 0.10	199	< 0.50	< 0.50	2.60	9.79	0.064
06/20/2017	RG_GRASMERE	< 0.10	0.21	194	< 0.50	0.64	2.60	9.75	0.061
06/20/2017	RG_GRASMERE	< 0.10	0.31	206	< 0.50	0.83	2.60	9.67	0.072
06/27/2017	RG_GRASMERE	0.05	0.08	212	0.25	0.25	3.10	9.15	0.075
06/27/2017	RG_GRASMERE	< 0.10	< 0.10	203	< 0.50	< 0.50	3.10	8.75	0.066
06/27/2017	RG_GRASMERE	< 0.10	< 0.10	213	< 0.50	< 0.50	3.10	9.07	0.076
06/27/2017	RG_GRASMERE	< 0.10	0.14	221	< 0.50	< 0.50	3.10	9.63	0.082

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
07/04/2017	RG_GRASMERE	0.05	0.07	210	0.25	0.25	5.30	9.68	0.069
07/04/2017	RG_GRASMERE	< 0.10	< 0.10	209	< 0.50	< 0.50	5.30	9.98	0.066
07/04/2017	RG_GRASMERE	< 0.10	< 0.10	208	< 0.50	< 0.50	5.30	9.48	0.068
07/04/2017	RG_GRASMERE	< 0.10	0.11	214	< 0.50	< 0.50	5.30	9.59	0.074
07/11/2017	RG_GRASMERE	0.05	0.05	209	0.25	0.25	3.50	9.29	0.071
07/11/2017	RG_GRASMERE	< 0.10	< 0.10	211	< 0.50	< 0.50	3.50	9.08	0.069
07/11/2017	RG_GRASMERE	< 0.10	< 0.10	201	< 0.50	< 0.50	3.50	9.32	0.068
07/11/2017	RG_GRASMERE	< 0.10	< 0.10	215	< 0.50	< 0.50	3.50	9.46	0.077
08/08/2017	RG_GRASMERE	0.05	0.05	245	0.25	0.25	6.00	8.23	0.085
08/08/2017	RG_GRASMERE	< 0.10	< 0.10	240	< 0.50	< 0.50	6.00	8.19	0.083
08/08/2017	RG_GRASMERE	< 0.10	< 0.10	250	< 0.50	< 0.50	6.00	8.26	0.087
09/18/2017	RG_GRASMERE	0.05	0.05	265	0.25	0.25	5.00	8.21	0.094
09/18/2017	RG_GRASMERE	< 0.10	< 0.10	259	< 0.50	< 0.50	5.00	8.32	0.092
09/18/2017	RG_GRASMERE	< 0.10	< 0.10	259	< 0.50	< 0.50	5.00	8.33	0.092
09/18/2017	RG_GRASMERE	< 0.10	< 0.10	278	< 0.50	< 0.50	5.00	7.97	0.098
10/03/2017	RG_GRASMERE	0.05	0.05	261	0.25	0.25	6.20	8.56	0.093
10/03/2017	RG_GRASMERE	< 0.10	< 0.10	251	< 0.50	< 0.50	6.20	8.46	0.090
10/03/2017	RG_GRASMERE	< 0.10	< 0.10	253	< 0.50	< 0.50	6.20	8.58	0.091
10/03/2017	RG_GRASMERE	< 0.10	< 0.10	279	< 0.50	< 0.50	6.20	8.64	0.098
11/08/2017	RG_GRASMERE	< 0.10	< 0.10	269	< 0.50	< 0.50	5.00	9.62	0.089
11/08/2017	RG_GRASMERE	< 0.10	< 0.10	274	< 0.50	< 0.50	5.00	9.69	0.088
11/08/2017	RG_GRASMERE	< 0.10	< 0.10	287	< 0.50	< 0.50	5.00	10.02	0.094
11/08/2017	RG_GRASMERE	0.05	0.05	277	0.25	0.25	5.00	9.78	0.090
12/05/2017	RG_GRASMERE	< 0.10	< 0.10	263	< 0.50	< 0.50	3.50	10.88	0.091
12/05/2017	RG_GRASMERE	< 0.10	< 0.10	283	< 0.50	< 0.50	3.50	11.02	0.096
12/05/2017	RG_GRASMERE	< 0.10	< 0.10	304	< 0.50	< 0.50	3.50	11.57	0.097
12/05/2017	RG_GRASMERE	0.05	0.05	283	0.25	0.25	3.50	11.16	0.095
04/24/2017	RG_KERRRD	< 0.10	0.96	307	< 0.50	2.09	0.20	10.21	0.082
05/02/2017	RG_KERRRD	< 0.10	0.39	296	< 0.50	1.03	0.40	10.29	0.076
05/09/2017	RG_KERRRD	< 0.10	1.57	225	< 0.50	6.75	0.06	11.30	0.058
05/16/2017	RG_KERRRD	< 0.10	0.56	226	< 0.50	1.37	0.05	11.76	0.059
05/23/2017	RG_KERRRD	< 0.10	1.56	206	0.72	3.36	0.03		0.052
05/30/2017	RG_KERRRD	< 0.10	2.00	180	< 0.50	4.12	0.05	10.44	0.050
06/06/2017	RG_KERRRD	0.05	1.00	184	0.25	2.13	0.20	10.14	0.054
06/06/2017	RG_KERRRD	< 0.10	1.00	185	< 0.50	2.17	0.20	9.97	0.054
06/06/2017	RG_KERRRD	< 0.10	1.00	183	< 0.50	2.08	0.20	10.31	0.054
06/13/2017	RG_KERRRD	0.05	0.71	194	0.25	1.63	0.15	9.73	0.055
06/13/2017	RG_KERRRD	< 0.10	0.71	195	< 0.50	1.65	0.15	9.99	0.056
06/13/2017	RG_KERRRD	< 0.10	0.71	193	< 0.50	1.61	0.15	9.46	0.053
06/20/2017	RG_KERRRD	0.05	0.28	187	0.25	0.77	0.40	9.74	0.055
06/20/2017	RG_KERRRD	< 0.10	0.27	188	< 0.50	0.76	0.40	10.13	0.055
06/20/2017	RG_KERRRD	< 0.10	0.29	187	< 0.50	0.78	0.40	9.26	0.055
06/20/2017	RG_KERRRD	< 0.10	0.28	185	< 0.50	0.76	0.40	9.83	0.055
06/27/2017	RG_KERRRD	0.05	0.14	200	0.25	0.25	0.40	9.18	0.061
06/27/2017	RG_KERRRD	< 0.10	0.14	202	< 0.50	< 0.50	0.40	9.31	0.061

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
06/27/2017	RG_KERRRD	< 0.10	0.14	200	< 0.50	< 0.50	0.40	9.18	0.061
06/27/2017	RG_KERRRD	< 0.10	0.13	199	< 0.50	< 0.50	0.40	9.05	0.062
07/04/2017	RG_KERRRD	0.05	0.05	203	0.25	0.25	4.00	37.35	0.063
07/04/2017	RG_KERRRD	< 0.10	< 0.10	208	< 0.50	< 0.50	4.00	9.69	0.064
07/04/2017	RG_KERRRD	< 0.10	< 0.10	200	< 0.50	< 0.50	4.00	9.35	0.063
07/04/2017	RG_KERRRD	< 0.10	< 0.10	200	< 0.50	< 0.50	4.00	93.00	0.062
07/11/2017	RG_KERRRD	0.05	0.05	200	0.25	0.25	3.10	9.37	0.066
07/11/2017	RG_KERRRD	< 0.10	< 0.10	197	< 0.50	< 0.50	3.10	9.09	0.068
07/11/2017	RG_KERRRD	< 0.10	< 0.10	201	< 0.50	< 0.50	3.10	9.61	0.066
07/11/2017	RG_KERRRD	< 0.10	< 0.10	201	< 0.50	< 0.50	3.10	9.40	0.065
08/08/2017	RG_KERRRD	0.05	0.05	249	0.25	0.25	6.00	7.68	0.078
08/08/2017	RG_KERRRD	< 0.10	< 0.10	240	< 0.50	< 0.50	6.00	8.01	0.076
08/08/2017	RG_KERRRD	< 0.10	< 0.10	257	< 0.50	< 0.50	6.00	8.30	0.080
08/08/2017	RG_KERRRD	< 0.10	< 0.10	251	< 0.50	< 0.50	6.00	6.72	0.079
09/18/2017	RG_KERRRD	0.05	0.05	268	0.25	0.25	3.80	8.44	0.090
09/18/2017	RG_KERRRD	< 0.10	< 0.10	258	< 0.50	< 0.50	3.80	8.63	0.089
09/18/2017	RG_KERRRD	< 0.10	< 0.10	261	< 0.50	< 0.50	3.80	8.62	0.091
09/18/2017	RG_KERRRD	< 0.10	< 0.10	286	< 0.50	< 0.50	3.80	8.08	0.091
10/03/2017	RG_KERRRD	0.05	0.05	279	0.25	0.25	7.50	8.99	0.094
10/03/2017	RG_KERRRD	< 0.10	< 0.10	267	< 0.50	< 0.50	7.50	8.73	0.092
10/03/2017	RG_KERRRD	< 0.10	< 0.10	264	< 0.50	< 0.50	7.50	8.79	0.094
10/03/2017	RG_KERRRD	< 0.10	< 0.10	305	< 0.50	< 0.50	7.50	9.45	0.097
11/08/2017	RG_KERRRD	< 0.10	< 0.10	309	< 0.50	< 0.50	4.30	10.32	0.090
11/08/2017	RG_KERRRD	< 0.10	< 0.10	313	< 0.50	< 0.50	4.30	10.18	0.090
11/08/2017	RG_KERRRD	< 0.10	< 0.10	315	< 0.50	< 0.50	4.30	10.37	0.092
11/08/2017	RG_KERRRD	0.05	0.05	312	0.25	0.25	4.30	10.29	0.091
12/05/2017	RG_KERRRD	< 0.10	< 0.10	275	< 0.50	< 0.50	1.70	11.96	0.088
12/05/2017	RG_KERRRD	< 0.10	< 0.10	280	< 0.50	< 0.50	1.70	11.93	0.088
12/05/2017	RG_KERRRD	< 0.10	< 0.10	293	< 0.50	< 0.50	1.70	12.33	0.090
12/05/2017	RG_KERRRD	0.05	0.05	283	0.25	0.25	1.70	12.07	0.089
04/04/2017	RG_USGOLD	0.12	0.39	346	0.25	0.90	0.40	11.65	0.107
04/04/2017	RG_USGOLD	0.12	0.35	346	< 0.50	0.82	0.40	11.69	0.106
04/04/2017	RG_USGOLD	0.12	0.42	346	< 0.50	0.97	0.40	11.60	0.108
04/11/2017	RG_USGOLD	0.11	0.57	324	< 0.50	1.75	0.30	11.33	0.099
04/17/2017	RG_USGOLD	< 0.10	0.63	328	< 0.50	1.35	0.20	11.15	0.102
04/24/2017	RG_USGOLD	0.12	2.51	316	< 0.50	5.01	0.15	9.17	0.094
05/02/2017	RG_USGOLD	< 0.10	1.87	327	< 0.50	4.00	0.05	8.22	0.104
05/09/2017	RG_USGOLD	0.12	1.39	241	< 0.50	2.98	0.06	11.60	0.072
05/16/2017	RG_USGOLD	< 0.10	0.55	235	< 0.50	1.40	0.05	10.68	0.068
05/23/2017	RG_USGOLD	< 0.10	0.47	221	< 0.50	1.19	0.30		0.062
05/30/2017	RG_USGOLD	0.05	0.75	208	0.25	2.00	0.25	9.79	0.073
05/30/2017	RG_USGOLD	< 0.10	0.60	211	< 0.50	1.57	0.25	9.96	0.077
05/30/2017	RG_USGOLD	< 0.10	0.78	205	< 0.50	2.29	0.25	9.76	0.075
05/30/2017	RG_USGOLD	< 0.10	0.87	207	< 0.50	2.15	0.25	9.66	0.067
06/06/2017	RG_USGOLD	0.05	0.53	206	0.25	1.27	1.20	10.30	0.071

Sample Date	Location	Cobalt - Dissolved µg/l	Cobalt - Total µg/l	Conductivity, Lab Us/cm	Copper - Dissolved µg/l	Copper - Total µg/l	Depth Measurement From Secchi Disk. M	Dissolved Oxygen, Field mg/l	Fluoride - Dissolved mg/l
06/06/2017	RG_USGOLD	< 0.10	0.29	211	< 0.50	0.82	1.20	10.40	0.074
06/06/2017	RG_USGOLD	< 0.10	0.69	188	< 0.50	1.54	1.20	10.10	0.053
06/06/2017	RG_USGOLD	< 0.10	0.60	220	< 0.50	1.44	1.20	10.41	0.085
06/13/2017	RG_USGOLD	0.05	0.61	195	0.25	1.44	1.00	9.81	0.066
06/13/2017	RG_USGOLD	< 0.10	0.11	202	< 0.50	0.51	1.00	9.68	0.067
06/13/2017	RG_USGOLD	< 0.10	0.62	199	< 0.50	1.48	1.00	9.70	0.071
06/13/2017	RG_USGOLD	< 0.10	1.09	183	< 0.50	2.32	1.00	10.06	0.059
06/20/2017	RG_USGOLD	0.05	0.17	203	0.25	1.30	3.00	9.99	0.066
06/20/2017	RG_USGOLD	< 0.10	< 0.10	201	< 0.50	2.48	3.00	10.05	0.064
06/20/2017	RG_USGOLD	< 0.10	0.15	198	< 0.50	0.56	3.00	9.75	0.062
06/20/2017	RG_USGOLD	< 0.10	0.32	209	< 0.50	0.87	3.00	10.16	0.073
06/27/2017	RG_USGOLD	0.05	0.10	212	0.25	0.35	5.00	9.07	0.075
06/27/2017	RG_USGOLD	< 0.10	< 0.10	205	< 0.50	< 0.50	5.00	8.61	0.067
06/27/2017	RG_USGOLD	< 0.10	0.10	203	< 0.50	0.55	5.00	9.12	0.069
06/27/2017	RG_USGOLD	< 0.10	0.16	229	< 0.50	< 0.50	5.00	9.49	0.089
07/04/2017	RG_USGOLD	0.05	0.08	208	0.25	0.25	4.00	9.08	0.070
07/04/2017	RG_USGOLD	< 0.10	< 0.10	206	< 0.50	< 0.50	4.00	9.36	0.066
07/04/2017	RG_USGOLD	< 0.10	< 0.10	213	< 0.50	< 0.50	4.00	8.10	0.072
07/04/2017	RG_USGOLD	< 0.10	0.13	206	< 0.50	< 0.50	4.00	9.77	0.072
07/11/2017	RG_USGOLD	0.05	0.05	212	0.25	0.25	3.80	9.47	0.074
07/11/2017	RG_USGOLD	< 0.10	< 0.10	206	< 0.50	< 0.50	3.80	9.28	0.069
07/11/2017	RG_USGOLD	< 0.10	< 0.10	208	< 0.50	< 0.50	3.80	9.44	0.071
07/11/2017	RG_USGOLD	< 0.10	< 0.10	221	< 0.50	< 0.50	3.80	9.69	0.081
08/08/2017	RG_USGOLD	0.05	0.05	250	0.25	0.25	4.70	8.26	0.088
08/08/2017	RG_USGOLD	< 0.10	< 0.10	238	< 0.50	< 0.50	4.70	7.90	0.081
08/08/2017	RG_USGOLD	< 0.10	< 0.10	288	< 0.50	< 0.50	4.70	7.87	0.108
08/08/2017	RG_USGOLD	< 0.10	< 0.10	223	< 0.50	< 0.50	4.70	9.00	0.076
09/18/2017	RG_USGOLD	0.05	0.05	256	0.25	0.25	6.30	7.47	0.092
09/18/2017	RG_USGOLD	< 0.10	< 0.10	252	< 0.50	< 0.50	6.30	8.26	0.089
09/18/2017	RG_USGOLD	< 0.10	< 0.10	256	< 0.50	< 0.50	6.30	7.52	0.089
09/18/2017	RG_USGOLD	< 0.10	< 0.10	260	< 0.50	< 0.50	6.30	6.64	0.097
10/03/2017	RG_USGOLD	0.05	0.05	265	0.25	0.25	7.20	8.42	0.095
10/03/2017	RG_USGOLD	< 0.10	< 0.10	253	< 0.50	< 0.50	7.20	8.27	0.091
10/03/2017	RG_USGOLD	< 0.10	< 0.10	250	< 0.50	< 0.50	7.20	8.41	0.091
10/03/2017	RG_USGOLD	< 0.10	< 0.10	292	< 0.50	< 0.50	7.20	8.58	0.103
11/08/2017	RG_USGOLD	< 0.10	< 0.10	265	< 0.50	< 0.50	5.00	9.67	0.088
11/08/2017	RG_USGOLD	< 0.10	< 0.10	271	< 0.50	< 0.50	5.00	9.18	0.088
11/08/2017	RG_USGOLD	< 0.10	< 0.10	283	< 0.50	< 0.50	5.00	9.23	0.089
11/08/2017	RG_USGOLD	0.05	0.05	273	0.25	0.25	5.00	9.36	0.088
12/05/2017	RG_USGOLD	< 0.10	< 0.10	266	< 0.50	< 0.50	3.20	10.73	0.090
12/05/2017	RG_USGOLD	< 0.10	< 0.10	270	< 0.50	< 0.50	3.20	10.91	0.091
12/05/2017	RG_USGOLD	< 0.10	< 0.10	295	< 0.50	< 0.50	3.20	11.47	0.100
12/05/2017	RG_USGOLD	0.05	0.05	277	0.25	0.25	3.20	11.04	0.094

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
04/11/2017	RG_BORDER	168	0.237	0.953	0.423	0.854	0.0031	0.0040	14.7
04/11/2017	RG_BORDER	165	0.019	0.959	< 0.050	0.837	0.0031	0.0041	14.6
04/11/2017	RG_BORDER	171	0.321	0.891	0.573	0.830	0.0031	0.0040	14.7
04/11/2017	RG_BORDER	168	0.370	1.010	0.672	0.895	0.0031	0.0040	14.7
04/17/2017	RG_BORDER	150	0.025	1.140	0.025	1.016	0.0030	0.0043	14.8
04/17/2017	RG_BORDER	150	0.025	1.060	< 0.050	0.979	0.0029	0.0043	14.6
04/17/2017	RG_BORDER	150	0.026	1.110	< 0.050	1.030	0.0030	0.0043	14.7
04/17/2017	RG_BORDER	151	0.025	1.250	< 0.050	1.040	0.0031	0.0042	15.0
04/24/2017	RG_BORDER	156	0.028	1.727	0.066	1.550	0.0029	0.0049	14.5
04/24/2017	RG_BORDER	151	0.024	1.560	0.062	1.450	0.0032	0.0048	14.3
04/24/2017	RG_BORDER	153	0.028	1.630	0.065	1.500	0.0030	0.0048	14.7
04/24/2017	RG_BORDER	165	0.033	1.990	0.071	1.700	0.0025	0.0052	14.5
05/02/2017	RG_BORDER	151	0.021	1.665	0.051	1.440	0.0025	0.0040	13.3
05/02/2017	RG_BORDER	157	0.020	1.480	0.052	1.360	0.0026	0.0039	13.2
05/02/2017	RG_BORDER	145	0.022	1.850	0.050	1.520	0.0023	0.0040	13.3
05/09/2017	RG_BORDER	117	0.046	3.200	0.074	2.707	0.0015	0.0050	11.2
05/09/2017	RG_BORDER	115	0.039	3.110	0.069	2.670	0.0014	0.0049	11.1
05/09/2017	RG_BORDER	121	0.058	3.250	0.080	2.710	0.0017	0.0052	11.2
05/09/2017	RG_BORDER	114	0.040	3.240	0.073	2.740	0.0014	0.0049	11.3
05/16/2017	RG_BORDER	119	0.018	1.267	0.025	1.070	0.0013	0.0026	9.6
05/16/2017	RG_BORDER	131	0.018	1.210	< 0.050	1.010	0.0016	0.0025	9.6
05/16/2017	RG_BORDER	111	0.018	1.270	< 0.050	1.050	0.0011	0.0025	9.7
05/16/2017	RG_BORDER	115	0.018	1.320	< 0.050	1.150	0.0013	0.0027	9.7
05/23/2017	RG_BORDER	127	0.011	0.334	0.025	0.454	0.0017	0.0026	10.8
05/23/2017	RG_BORDER	128	0.012	0.192	< 0.050	0.387	0.0018	0.0024	10.8
05/23/2017	RG_BORDER	125	0.011	0.468	< 0.050	0.493	0.0016	0.0028	10.8
05/23/2017	RG_BORDER	129	0.011	0.341	< 0.050	0.481	0.0017	0.0026	10.9
05/30/2017	RG_BORDER	110	0.015	0.956	0.025	0.782	0.0015	0.0024	9.1
05/30/2017	RG_BORDER	107	0.015	0.677	< 0.050	0.614	0.0014	0.0018	8.7
05/30/2017	RG_BORDER	108	0.017	1.060	< 0.050	0.850	0.0014	0.0025	9.2
05/30/2017	RG_BORDER	115	0.013	1.130	< 0.050	0.883	0.0018	0.0029	9.6
06/06/2017	RG_BORDER	96	0.015	1.024	0.025	0.957	0.0007	0.0026	8.2
06/06/2017	RG_BORDER	105	< 0.010	0.081	< 0.050	0.152	0.0012	0.0018	7.9
06/06/2017	RG_BORDER	92	0.019	1.540	< 0.050	1.320	< 0.0010	0.0031	8.4
06/06/2017	RG_BORDER	93	0.022	1.450	< 0.050	1.400	< 0.0010	0.0030	8.2
06/13/2017	RG_BORDER	98	0.049	0.929	0.066	0.768	0.0013	0.0026	8.1
06/13/2017	RG_BORDER	109	< 0.010	0.097	< 0.050	0.132	0.0012	0.0017	8.2
06/13/2017	RG_BORDER	92	0.137	1.110	0.147	0.901	0.0016	0.0028	7.9
06/13/2017	RG_BORDER	93	< 0.010	1.580	< 0.050	1.270	0.0010	0.0032	8.2
06/20/2017	RG_BORDER	103	0.005	0.399	0.025	0.388	0.0014	0.0015	8.2
06/20/2017	RG_BORDER	104	< 0.010	0.056	< 0.050	0.139	0.0015	0.0011	8.1
06/20/2017	RG_BORDER	102	< 0.010	0.365	< 0.050	0.358	0.0013	0.0014	7.9
06/20/2017	RG_BORDER	104	< 0.010	0.777	< 0.050	0.667	0.0014	0.0021	8.6
06/27/2017	RG_BORDER	119	0.005	0.205	0.025	0.231	0.0020	0.0021	8.9
06/27/2017	RG_BORDER	117	< 0.010	0.032	< 0.050	< 0.050	0.0020	0.0018	8.3

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
06/27/2017	RG_BORDER	119	< 0.010	0.233	< 0.050	0.285	0.0021	0.0021	9.1
06/27/2017	RG_BORDER	120	< 0.010	0.351	< 0.050	0.384	0.0020	0.0023	9.4
07/04/2017	RG_BORDER	111	0.005	0.163	0.025	0.177	0.0014	0.0013	8.8
07/04/2017	RG_BORDER	112	< 0.010	0.033	< 0.050	< 0.050	0.0014	0.0011	8.8
07/04/2017	RG_BORDER	106	< 0.010	0.152	< 0.050	0.184	0.0011	0.0011	8.4
07/04/2017	RG_BORDER	115	< 0.010	0.305	< 0.050	0.321	0.0016	0.0017	9.2
07/11/2017	RG_BORDER	110	0.005	0.067	0.025	0.110	0.0016	0.0016	7.9
07/11/2017	RG_BORDER	112	< 0.010	0.019	< 0.050	< 0.050	0.0015	0.0015	8.4
07/11/2017	RG_BORDER	106	< 0.010	0.056	< 0.050	0.090	0.0015	0.0015	8.2
07/11/2017	RG_BORDER	111	< 0.010	0.125	< 0.050	0.216	0.0017	0.0018	6.9
08/08/2017	RG_BORDER	111	0.005	0.033	0.025	0.046	0.0017	0.0016	8.5
08/08/2017	RG_BORDER	115	< 0.010	0.015	< 0.050	< 0.050	0.0018	0.0016	8.8
08/08/2017	RG_BORDER	108	< 0.010	0.018	< 0.050	< 0.050	0.0015	0.0015	8.5
08/08/2017	RG_BORDER	110	< 0.010	0.065	< 0.050	0.087	0.0017	0.0016	8.4
09/18/2017	RG_BORDER	120	0.005	0.015	0.025	0.025	0.0016	0.0022	9.2
09/18/2017	RG_BORDER	126	< 0.010	< 0.010	< 0.050	< 0.050	0.0017	0.0022	9.7
09/18/2017	RG_BORDER	126	< 0.010	0.010	< 0.050	< 0.050	0.0017	0.0024	9.9
09/18/2017	RG_BORDER	109	< 0.010	0.030	< 0.050	< 0.050	0.0013	0.0020	8.1
10/03/2017	RG_BORDER	131	0.005	0.019	0.025	0.040	0.0017	0.0016	10.8
10/03/2017	RG_BORDER	123	< 0.010	0.013	< 0.050	< 0.050	0.0017	0.0015	10.5
10/03/2017	RG_BORDER	126	< 0.010	0.011	< 0.050	< 0.050	0.0017	0.0015	10.3
10/03/2017	RG_BORDER	143	< 0.010	0.034	< 0.050	0.070	0.0018	0.0018	11.7
11/08/2017	RG_BORDER	122	< 0.010	0.015	< 0.050	< 0.050	0.0022	0.0017	11.0
11/08/2017	RG_BORDER	124	< 0.010	0.014	< 0.050	0.054	0.0023	0.0021	11.0
11/08/2017	RG_BORDER	127	< 0.010	0.022	< 0.050	< 0.050	0.0022	0.0020	11.5
11/08/2017	RG_BORDER	124	0.005	0.017	0.025	0.035	0.0022	0.0019	11.2
12/05/2017	RG_BORDER	127	< 0.010	0.018	< 0.050	0.069	0.0019	0.0015	11.0
12/05/2017	RG_BORDER	156	< 0.010	0.019	< 0.050	< 0.050	0.0028	0.0014	11.2
12/05/2017	RG_BORDER	149	< 0.010	0.046	< 0.050	0.060	0.0024	0.0017	12.3
12/05/2017	RG_BORDER	144	0.005	0.028	0.025	0.051	0.0024	0.0015	11.5
04/04/2017	RG_DSELK	178	0.042	2.680	0.069	2.150	0.0032	0.0078	17.7
04/11/2017	RG_DSELK	160	0.031	5.090	0.061	4.100	0.0031	0.0079	18.5
04/17/2017	RG_DSELK	157	0.033	2.690	0.088	5.690	0.0032	0.0045	20.5
04/24/2017	RG_DSELK	148	0.029	13.500	0.075	11.700	0.0028	0.0176	25.8
05/02/2017	RG_DSELK	153	0.023	4.860	0.063	4.230	0.0026	0.0075	17.6
05/09/2017	RG_DSELK	125	0.026	8.540	0.056	8.340	0.0015	0.0108	18.7
05/16/2017	RG_DSELK	119	0.012	1.950	< 0.050	1.860	< 0.0010	0.0033	11.1
05/23/2017	RG_DSELK	111	0.014	1.840	< 0.050	1.970	< 0.0010	0.0037	10.4
05/30/2017	RG_DSELK	106	0.020	4.110	< 0.050	3.190	0.0016	0.0055	12.0
06/06/2017	RG_DSELK	97	0.016	1.264	0.025	1.220	0.0009	0.0031	8.5
06/06/2017	RG_DSELK	94	0.017	1.440	< 0.050	1.310	< 0.0010	0.0030	8.2
06/06/2017	RG_DSELK	93	0.018	0.991	< 0.050	1.210	< 0.0010	0.0025	8.2
06/06/2017	RG_DSELK	103	0.014	1.360	< 0.050	1.140	0.0016	0.0038	9.2
06/13/2017	RG_DSELK	105	0.005	1.480	0.025	1.103	0.0011	0.0036	9.3
06/13/2017	RG_DSELK	121	< 0.010	1.070	< 0.050	0.910	0.0023	0.0042	10.3

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
06/13/2017	RG_DSELK	96	< 0.010	1.590	< 0.050	1.120	< 0.0010	0.0033	9.0
06/13/2017	RG_DSELK	99	< 0.010	1.780	< 0.050	1.280	< 0.0010	0.0034	8.8
06/20/2017	RG_DSELK	105	0.005	0.452	0.025	0.420	0.0015	0.0017	8.4
06/20/2017	RG_DSELK	101	< 0.010	0.240	< 0.050	0.284	0.0014	0.0015	8.1
06/20/2017	RG_DSELK	106	< 0.010	0.472	< 0.050	0.454	0.0015	0.0018	8.6
06/20/2017	RG_DSELK	107	< 0.010	0.645	< 0.050	0.521	0.0016	0.0019	8.7
06/27/2017	RG_DSELK	116	0.005	0.092	0.025	0.149	0.0015	0.0016	10.2
06/27/2017	RG_DSELK	117	< 0.010	0.037	< 0.050	0.055	0.0015	0.0015	8.4
06/27/2017	RG_DSELK	118	< 0.010	0.089	< 0.050	0.155	0.0016	0.0017	9.2
06/27/2017	RG_DSELK	114	< 0.010	0.149	< 0.050	0.238	0.0013	0.0015	13.1
07/04/2017	RG_DSELK	106	0.005	0.064	0.025	0.095	0.0014	0.0013	9.4
07/04/2017	RG_DSELK	105	< 0.010	0.022	< 0.050	< 0.050	0.0013	0.0011	9.1
07/04/2017	RG_DSELK	112	< 0.010	0.039	< 0.050	0.064	0.0018	0.0016	10.0
07/04/2017	RG_DSELK	100	< 0.010	0.132	< 0.050	0.195	0.0010	0.0011	9.1
07/11/2017	RG_DSELK	122	0.005	0.038	0.025	0.069	0.0021	0.0020	9.0
07/11/2017	RG_DSELK	117	< 0.010	0.015	< 0.050	< 0.050	0.0017	0.0015	8.3
07/11/2017	RG_DSELK	139	< 0.010	0.034	< 0.050	0.051	0.0031	0.0030	10.7
07/11/2017	RG_DSELK	110	< 0.010	0.065	< 0.050	0.131	0.0015	0.0015	8.0
08/08/2017	RG_DSELK	121	0.005	0.068	0.025	0.106	0.0020	0.0020	9.0
08/08/2017	RG_DSELK	125	< 0.010	0.017	< 0.050	< 0.050	0.0022	0.0022	9.6
08/08/2017	RG_DSELK	116	< 0.010	0.119	< 0.050	0.186	0.0018	0.0017	8.5
09/18/2017	RG_DSELK	136	0.005	0.019	0.025	0.041	0.0021	0.0025	10.8
09/18/2017	RG_DSELK	129	< 0.010	< 0.010	< 0.050	< 0.050	0.0019	0.0025	10.5
09/18/2017	RG_DSELK	132	< 0.010	0.012	< 0.050	< 0.050	0.0020	0.0024	10.5
09/18/2017	RG_DSELK	146	< 0.010	0.039	< 0.050	0.074	0.0023	0.0027	11.5
10/03/2017	RG_DSELK	138	0.005	0.016	0.025	0.119	0.0021	0.0020	11.6
10/03/2017	RG_DSELK	132	< 0.010	< 0.010	< 0.050	0.265	0.0019	0.0017	11.0
10/03/2017	RG_DSELK	131	< 0.010	< 0.010	< 0.050	< 0.050	0.0017	0.0017	10.6
10/03/2017	RG_DSELK	152	< 0.010	0.037	< 0.050	0.068	0.0028	0.0025	13.2
11/08/2017	RG_DSELK	131	< 0.010	< 0.010	< 0.050	< 0.050	0.0025	0.0022	11.6
11/08/2017	RG_DSELK	138	< 0.010	0.018	< 0.050	< 0.050	0.0027	0.0022	13.1
11/08/2017	RG_DSELK	138	< 0.010	0.027	< 0.050	< 0.050	0.0026	0.0025	13.1
11/08/2017	RG_DSELK	136	0.005	0.017	0.025	0.025	0.0026	0.0023	12.6
12/05/2017	RG_DSELK	143	< 0.010	0.025	< 0.050	< 0.050	0.0019	0.0018	12.0
12/05/2017	RG_DSELK	162	< 0.010	0.045	< 0.050	0.054	0.0029	0.0022	13.3
12/05/2017	RG_DSELK	159	< 0.010	0.055	< 0.050	0.057	0.0031	0.0032	13.8
12/05/2017	RG_DSELK	155	0.005	0.042	0.025	0.045	0.0026	0.0024	13.0
01/03/2017	RG_ELKMOUTH	219	< 0.010	0.042	< 0.050	0.055	0.0073	0.0074	18.7
02/08/2017	RG_ELKMOUTH	221	< 0.010	0.019	< 0.050	< 0.050	0.0064	0.0068	19.8
03/07/2017	RG_ELKMOUTH	200	< 0.010	0.022	< 0.050	< 0.050	0.0067	0.0063	18.2
03/14/2017	RG_ELKMOUTH	197	0.041	0.085	< 0.050	0.088	0.0066	0.0073	16.5
03/21/2017	RG_ELKMOUTH	158	< 0.010	1.050	< 0.050	0.718	0.0049	0.0061	12.9
03/28/2017	RG_ELKMOUTH	166	< 0.010	0.225	< 0.050	0.161	0.0053	0.0056	12.3
04/04/2017	RG_ELKMOUTH	193	< 0.010	0.212	< 0.050	0.155	0.0053	0.0061	15.2
04/11/2017	RG_ELKMOUTH	177	< 0.010	0.197	< 0.050	0.146	0.0052	0.0053	14.6

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
04/18/2017	RG_ELKMOUTH	189	< 0.010	0.133	< 0.050	0.106	0.0048	0.0050	16.2
04/25/2017	RG_ELKMOUTH	178	< 0.010	0.674	< 0.050	0.492	0.0051	0.0058	14.5
05/01/2017	RG_ELKMOUTH	173	0.013	0.273	< 0.050	0.234	0.0048	0.0053	14.1
05/09/2017	RG_ELKMOUTH	161	0.013	1.340	< 0.050	0.859	0.0041	0.0053	13.8
05/16/2017	RG_ELKMOUTH	166	< 0.010	0.734	< 0.050	0.677	0.0042	0.0051	13.2
05/23/2017	RG_ELKMOUTH	136	0.017	1.390	< 0.050	1.030	0.0033	0.0049	12.1
05/30/2017	RG_ELKMOUTH	125	0.027	3.120	< 0.050	2.290	0.0030	0.0055	12.7
06/06/2017	RG_ELKMOUTH	124	< 0.010	2.190	< 0.050	1.450	0.0030	0.0054	12.0
06/13/2017	RG_ELKMOUTH	136	< 0.010	0.823	< 0.050	0.510	0.0037	0.0051	11.7
06/20/2017	RG_ELKMOUTH	137	< 0.010	0.712	< 0.050	0.468	0.0038	0.0049	11.6
06/27/2017	RG_ELKMOUTH	143	< 0.010	0.290	< 0.050	< 0.30	0.0043	0.0045	12.0
07/04/2017	RG_ELKMOUTH	159	< 0.010	0.096	< 0.050	0.090	0.0043	0.0045	13.8
07/11/2017	RG_ELKMOUTH	178	< 0.010	0.079	< 0.050	0.087	0.0048	0.0052	13.3
08/01/2017	RG_ELKMOUTH	189	< 0.010	0.052	< 0.050	0.056	0.0057	0.0053	16.6
09/19/2017	RG_ELKMOUTH	217	< 0.010	0.023	< 0.050	< 0.050	0.0073	0.0072	16.9
10/03/2017	RG_ELKMOUTH	197	< 0.010	0.013	< 0.050	< 0.050	0.0064	0.0065	16.9
11/08/2017	RG_ELKMOUTH	249	< 0.010	0.013	< 0.050	< 0.050	0.0079	0.0073	19.3
12/05/2017	RG_ELKMOUTH	193	< 0.010	0.022	< 0.050	< 0.050	0.0056	0.0059	15.9
04/04/2017	RG_GRASMERE	171	0.034	1.190	0.060	1.035	0.0031	0.0049	15.8
04/04/2017	RG_GRASMERE	170	0.033	1.210	0.056	1.030	0.0032	0.0049	15.9
04/04/2017	RG_GRASMERE	172	0.034	1.170	0.064	1.040	0.0029	0.0048	15.7
04/11/2017	RG_GRASMERE	161	0.026	2.080	0.103	1.610	0.0032	0.0050	15.5
04/17/2017	RG_GRASMERE	161	0.031	2.010	0.068	1.660	0.0035	0.0055	15.7
04/24/2017	RG_GRASMERE	172	0.017	2.150	< 0.050	1.690	0.0032	0.0053	15.3
05/02/2017	RG_GRASMERE	162	0.024	13.300	0.077	12.400	0.0026	0.0161	27.6
05/09/2017	RG_GRASMERE	127	0.026	7.010	0.060	6.550	0.0015	0.0098	16.5
05/16/2017	RG_GRASMERE	120	0.012	0.893	< 0.050	0.872	0.0011	0.0021	9.7
05/23/2017	RG_GRASMERE	112	0.019	0.558	< 0.050	0.800	< 0.0010	0.0022	10.0
05/30/2017	RG_GRASMERE	96	0.020	2.220	0.056	2.010	0.0010	0.0031	8.9
06/06/2017	RG_GRASMERE	94	0.016	1.132	0.025	1.157	0.0007	0.0026	8.1
06/06/2017	RG_GRASMERE	89	0.017	0.899	< 0.050	1.050	< 0.0010	0.0020	7.4
06/06/2017	RG_GRASMERE	94	0.017	1.580	< 0.050	1.320	< 0.0010	0.0031	8.5
06/06/2017	RG_GRASMERE	99	0.015	0.917	< 0.050	1.100	0.0011	0.0028	8.4
06/13/2017	RG_GRASMERE	101	0.005	1.479	0.025	1.063	0.0010	0.0033	8.8
06/13/2017	RG_GRASMERE	107	< 0.010	0.786	< 0.050	0.589	0.0015	0.0027	8.6
06/13/2017	RG_GRASMERE	100	< 0.010	1.650	< 0.050	1.170	0.0010	0.0035	8.9
06/13/2017	RG_GRASMERE	95	< 0.010	2.000	< 0.050	1.430	< 0.0010	0.0037	8.8
06/20/2017	RG_GRASMERE	104	0.005	0.349	0.025	0.315	0.0015	0.0016	8.4
06/20/2017	RG_GRASMERE	104	< 0.010	0.061	< 0.050	0.080	0.0016	0.0011	7.9
06/20/2017	RG_GRASMERE	98	< 0.010	0.379	< 0.050	0.350	0.0013	0.0014	8.2
06/20/2017	RG_GRASMERE	110	< 0.010	0.607	< 0.050	0.516	0.0016	0.0022	9.2
06/27/2017	RG_GRASMERE	122	0.005	0.105	0.025	0.143	0.0017	0.0019	9.1
06/27/2017	RG_GRASMERE	118	< 0.010	0.027	< 0.050	< 0.050	0.0014	0.0016	8.4
06/27/2017	RG_GRASMERE	121	< 0.010	0.094	< 0.050	0.135	0.0017	0.0019	9.2
06/27/2017	RG_GRASMERE	127	< 0.010	0.194	< 0.050	0.268	0.0020	0.0022	9.7

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
07/04/2017	RG_GRASMERE	107	0.005	0.051	0.025	0.083	0.0013	0.0012	9.1
07/04/2017	RG_GRASMERE	107	< 0.010	0.016	< 0.050	< 0.050	0.0013	0.0011	8.8
07/04/2017	RG_GRASMERE	107	< 0.010	0.024	< 0.050	< 0.050	0.0014	0.0011	9.1
07/04/2017	RG_GRASMERE	106	< 0.010	0.114	< 0.050	0.198	0.0013	0.0013	9.3
07/11/2017	RG_GRASMERE	111	0.005	0.101	0.025	0.108	0.0015	0.0015	8.1
07/11/2017	RG_GRASMERE	112	< 0.010	0.016	< 0.050	< 0.050	0.0016	0.0016	7.9
07/11/2017	RG_GRASMERE	104	< 0.010	0.144	< 0.050	0.122	0.0012	0.0012	8.1
07/11/2017	RG_GRASMERE	117	< 0.010	0.144	< 0.050	0.178	0.0017	0.0018	8.4
08/08/2017	RG_GRASMERE	121	0.005	0.017	0.025	0.039	0.0019	0.0019	9.4
08/08/2017	RG_GRASMERE	121	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0018	8.8
08/08/2017	RG_GRASMERE	121	< 0.010	0.028	< 0.050	0.053	0.0020	0.0020	9.9
09/18/2017	RG_GRASMERE	134	0.005	0.012	0.025	0.025	0.0020	0.0025	10.8
09/18/2017	RG_GRASMERE	132	< 0.010	< 0.010	< 0.050	< 0.050	0.0019	0.0024	10.5
09/18/2017	RG_GRASMERE	128	< 0.010	< 0.010	< 0.050	< 0.050	0.0019	0.0023	10.5
09/18/2017	RG_GRASMERE	141	< 0.010	0.025	< 0.050	< 0.050	0.0023	0.0027	11.3
10/03/2017	RG_GRASMERE	130	0.005	0.010	0.025	0.025	0.0018	0.0017	10.9
10/03/2017	RG_GRASMERE	124	< 0.010	< 0.010	< 0.050	< 0.050	0.0017	0.0017	10.7
10/03/2017	RG_GRASMERE	128	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0015	10.4
10/03/2017	RG_GRASMERE	139	< 0.010	0.020	< 0.050	< 0.050	0.0020	0.0020	11.7
11/08/2017	RG_GRASMERE	127	< 0.010	0.016	< 0.050	< 0.050	0.0023	0.0020	11.5
11/08/2017	RG_GRASMERE	130	< 0.010	0.021	< 0.050	< 0.050	0.0024	0.0020	13.9
11/08/2017	RG_GRASMERE	136	< 0.010	0.014	< 0.050	< 0.050	0.0024	0.0023	12.0
11/08/2017	RG_GRASMERE	131	0.005	0.017	0.025	0.025	0.0024	0.0021	12.5
12/05/2017	RG_GRASMERE	142	< 0.010	0.019	< 0.050	< 0.050	0.0025	0.0016	11.5
12/05/2017	RG_GRASMERE	144	< 0.010	0.058	< 0.050	< 0.050	0.0020	0.0018	12.7
12/05/2017	RG_GRASMERE	161	< 0.010	0.052	< 0.050	0.058	0.0023	0.0016	13.5
12/05/2017	RG_GRASMERE	149	0.005	0.043	0.025	0.036	0.0023	0.0017	12.6
04/24/2017	RG_KERRRD	144	0.021	2.030	0.077	1.810	0.0020	0.0044	14.3
05/02/2017	RG_KERRRD	152	0.015	0.821	0.052	0.778	0.0015	0.0023	12.9
05/09/2017	RG_KERRRD	115	0.023	3.280	< 0.050	2.990	< 0.0010	0.0046	11.8
05/16/2017	RG_KERRRD	115	0.010	1.200	< 0.050	1.080	< 0.0010	0.0020	10.0
05/23/2017	RG_KERRRD	106	0.066	3.450	< 0.050	2.960	< 0.0010	0.0052	12.2
05/30/2017	RG_KERRRD	91	0.023	4.410	0.061	4.210	< 0.0010	0.0052	11.2
06/06/2017	RG_KERRRD	91	0.016	2.255	0.025	1.970	0.0005	0.0035	8.3
06/06/2017	RG_KERRRD	94	0.015	2.280	< 0.050	2.020	< 0.0010	0.0033	8.1
06/06/2017	RG_KERRRD	87	0.017	2.230	< 0.050	1.920	< 0.0010	0.0037	8.5
06/13/2017	RG_KERRRD	102	0.005	1.490	0.025	1.055	0.0005	0.0028	9.0
06/13/2017	RG_KERRRD	104	< 0.010	1.510	< 0.050	1.060	< 0.0010	0.0028	9.0
06/13/2017	RG_KERRRD	99	< 0.010	1.470	< 0.050	1.050	< 0.0010	0.0027	9.0
06/20/2017	RG_KERRRD	100	0.005	0.551	0.025	0.459	0.0007	0.0016	8.2
06/20/2017	RG_KERRRD	102	< 0.010	0.525	< 0.050	0.465	< 0.0010	0.0016	8.5
06/20/2017	RG_KERRRD	101	< 0.010	0.583	< 0.050	0.460	0.0010	0.0016	8.1
06/20/2017	RG_KERRRD	96	< 0.010	0.544	< 0.050	0.451	< 0.0010	0.0016	8.1
06/27/2017	RG_KERRRD	112	0.005	0.213	0.025	0.250	0.0007	0.0013	8.4
06/27/2017	RG_KERRRD	110	< 0.010	0.268	< 0.050	0.239	< 0.0010	0.0013	8.1

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
06/27/2017	RG_KERRRD	112	< 0.010	0.208	< 0.050	0.271	< 0.0010	0.0013	8.4
06/27/2017	RG_KERRRD	114	< 0.010	0.164	< 0.050	0.241	0.0010	0.0012	8.7
07/04/2017	RG_KERRRD	97	0.005	0.081	0.025	0.134	0.0008	0.0005	8.7
07/04/2017	RG_KERRRD	100	< 0.010	0.039	< 0.050	0.076	0.0013	< 0.0010	8.7
07/04/2017	RG_KERRRD	98	< 0.010	0.107	< 0.050	0.175	< 0.0010	< 0.0010	8.6
07/04/2017	RG_KERRRD	94	< 0.010	0.096	< 0.050	0.151	< 0.0010	< 0.0010	8.8
07/11/2017	RG_KERRRD	105	0.005	0.095	0.025	0.103	0.0013	0.0013	7.9
07/11/2017	RG_KERRRD	104	< 0.010	0.033	< 0.050	< 0.050	0.0012	0.0015	8.3
07/11/2017	RG_KERRRD	108	< 0.010	0.102	< 0.050	0.124	0.0015	0.0013	7.7
07/11/2017	RG_KERRRD	103	< 0.010	0.151	< 0.050	0.160	0.0011	0.0012	7.7
08/08/2017	RG_KERRRD	120	0.005	0.028	0.025	0.051	0.0015	0.0013	9.6
08/08/2017	RG_KERRRD	114	< 0.010	0.014	< 0.050	< 0.050	0.0016	0.0013	9.6
08/08/2017	RG_KERRRD	127	< 0.010	0.026	< 0.050	0.050	0.0014	0.0013	10.0
08/08/2017	RG_KERRRD	118	< 0.010	0.043	< 0.050	0.079	0.0014	0.0013	9.2
09/18/2017	RG_KERRRD	136	0.005	0.019	0.025	0.065	0.0016	0.0020	10.4
09/18/2017	RG_KERRRD	134	< 0.010	< 0.010	< 0.050	< 0.050	0.0017	0.0020	9.9
09/18/2017	RG_KERRRD	132	< 0.010	0.011	< 0.050	0.094	0.0016	0.0020	10.3
09/18/2017	RG_KERRRD	142	< 0.010	0.040	< 0.050	0.076	0.0016	0.0020	11.1
10/03/2017	RG_KERRRD	140	0.005	0.020	0.025	0.047	0.0017	0.0018	11.7
10/03/2017	RG_KERRRD	135	< 0.010	< 0.010	< 0.050	< 0.050	0.0017	0.0022	10.2
10/03/2017	RG_KERRRD	134	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0018	11.6
10/03/2017	RG_KERRRD	152	< 0.010	0.050	< 0.050	0.091	0.0016	0.0014	13.4
11/08/2017	RG_KERRRD	143	< 0.010	0.024	< 0.050	< 0.050	0.0022	0.0023	12.7
11/08/2017	RG_KERRRD	146	< 0.010	0.022	< 0.050	0.131	0.0022	0.0015	13.2
11/08/2017	RG_KERRRD	145	< 0.010	0.023	< 0.050	< 0.050	0.0020	0.0019	13.6
11/08/2017	RG_KERRRD	145	0.005	0.023	0.025	0.060	0.0021	0.0019	13.2
12/05/2017	RG_KERRRD	141	< 0.010	0.092	< 0.050	0.123	0.0012	0.0010	11.9
12/05/2017	RG_KERRRD	141	< 0.010	0.091	< 0.050	0.118	0.0017	< 0.0010	12.3
12/05/2017	RG_KERRRD	148	< 0.010	0.103	< 0.050	0.113	0.0015	0.0011	12.4
12/05/2017	RG_KERRRD	143	0.005	0.095	0.025	0.118	0.0015	0.0009	12.2
04/04/2017	RG_USGOLD	172	0.027	0.818	0.025	0.776	0.0031	0.0044	15.5
04/04/2017	RG_USGOLD	172	0.025	0.718	< 0.050	0.721	0.0031	0.0042	15.5
04/04/2017	RG_USGOLD	172	0.029	0.917	< 0.050	0.831	0.0031	0.0045	15.5
04/11/2017	RG_USGOLD	160	0.022	1.170	< 0.050	1.270	0.0029	0.0039	14.9
04/17/2017	RG_USGOLD	159	0.030	1.240	0.066	1.380	0.0034	0.0043	15.1
04/24/2017	RG_USGOLD	156	0.024	5.520	0.058	4.240	0.0026	0.0090	17.6
05/02/2017	RG_USGOLD	167	0.011	4.320	< 0.050	3.490	0.0042	0.0090	18.4
05/09/2017	RG_USGOLD	125	0.027	2.930	0.060	2.590	0.0015	0.0047	12.0
05/16/2017	RG_USGOLD	120	0.012	1.160	< 0.050	1.080	0.0011	0.0023	10.2
05/23/2017	RG_USGOLD	111	0.015	0.862	< 0.050	1.070	0.0014	0.0026	10.0
05/30/2017	RG_USGOLD	108	0.019	1.757	0.025	1.357	0.0017	0.0033	9.6
05/30/2017	RG_USGOLD	111	0.016	1.390	< 0.050	1.060	0.0019	0.0031	9.4
05/30/2017	RG_USGOLD	109	0.020	1.860	< 0.050	1.390	0.0019	0.0035	9.6
05/30/2017	RG_USGOLD	105	0.020	2.020	< 0.050	1.620	0.0014	0.0034	9.7
06/06/2017	RG_USGOLD	98	0.013	1.057	0.025	0.960	0.0011	0.0029	8.3

Sample Date	Location	Hardness, Total Or Dissolved CaCO3 mg/l	Iron - Dissolved mg/l	Iron - Total mg/l	Lead - Dissolved µg/l	Lead - Total µg/l	Lithium - Dissolved mg/l	Lithium - Total mg/l	Magnesium - Total mg/l
06/06/2017	RG_USGOLD	102	< 0.010	0.580	< 0.050	0.499	0.0011	0.0024	7.9
06/06/2017	RG_USGOLD	89	0.018	1.430	< 0.050	1.250	< 0.0010	0.0028	7.8
06/06/2017	RG_USGOLD	102	0.017	1.160	< 0.050	1.130	0.0016	0.0034	9.3
06/13/2017	RG_USGOLD	100	0.005	1.165	0.025	0.880	0.0010	0.0029	8.5
06/13/2017	RG_USGOLD	100	< 0.010	0.116	< 0.050	0.165	0.0011	0.0017	8.0
06/13/2017	RG_USGOLD	106	< 0.010	1.190	< 0.050	0.885	0.0014	0.0031	8.8
06/13/2017	RG_USGOLD	93	< 0.010	2.190	< 0.050	1.590	< 0.0010	0.0040	8.6
06/20/2017	RG_USGOLD	105	0.005	0.318	0.025	0.289	0.0016	0.0015	8.3
06/20/2017	RG_USGOLD	103	< 0.010	0.053	< 0.050	0.080	0.0016	0.0012	7.8
06/20/2017	RG_USGOLD	104	< 0.010	0.219	< 0.050	0.226	0.0014	0.0011	7.9
06/20/2017	RG_USGOLD	107	< 0.010	0.683	< 0.050	0.560	0.0019	0.0023	9.1
06/27/2017	RG_USGOLD	123	0.005	0.125	0.025	0.179	0.0017	0.0019	9.0
06/27/2017	RG_USGOLD	119	< 0.010	0.024	< 0.050	< 0.050	0.0015	0.0015	8.5
06/27/2017	RG_USGOLD	117	< 0.010	0.119	< 0.050	0.213	0.0014	0.0016	8.8
06/27/2017	RG_USGOLD	133	< 0.010	0.231	< 0.050	0.300	0.0023	0.0025	9.9
07/04/2017	RG_USGOLD	107	0.005	0.073	0.025	0.110	0.0013	0.0012	9.0
07/04/2017	RG_USGOLD	105	< 0.010	0.021	< 0.050	< 0.050	0.0013	0.0012	8.9
07/04/2017	RG_USGOLD	108	< 0.010	0.047	< 0.050	0.076	0.0013	0.0012	9.0
07/04/2017	RG_USGOLD	108	< 0.010	0.152	< 0.050	0.229	0.0012	0.0013	9.0
07/11/2017	RG_USGOLD	113	0.005	0.047	0.025	0.095	0.0017	0.0016	8.5
07/11/2017	RG_USGOLD	115	< 0.010	0.014	< 0.050	< 0.050	0.0016	0.0015	8.4
07/11/2017	RG_USGOLD	108	< 0.010	0.054	< 0.050	0.112	0.0014	0.0013	8.2
07/11/2017	RG_USGOLD	116	< 0.010	0.073	< 0.050	0.149	0.0020	0.0019	8.9
08/08/2017	RG_USGOLD	123	0.005	0.027	0.025	0.041	0.0022	0.0023	9.6
08/08/2017	RG_USGOLD	117	< 0.010	0.012	< 0.050	< 0.050	0.0019	0.0025	9.0
08/08/2017	RG_USGOLD	142	< 0.010	0.027	< 0.050	< 0.050	0.0032	0.0029	11.7
08/08/2017	RG_USGOLD	110	< 0.010	0.042	< 0.050	0.072	0.0016	0.0015	8.2
09/18/2017	RG_USGOLD	131	0.005	0.026	0.025	0.052	0.0020	0.0021	10.3
09/18/2017	RG_USGOLD	128	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0022	10.3
09/18/2017	RG_USGOLD	131	< 0.010	0.012	< 0.050	< 0.050	0.0019	0.0019	10.2
09/18/2017	RG_USGOLD	134	< 0.010	0.061	< 0.050	0.105	0.0022	0.0022	10.3
10/03/2017	RG_USGOLD	133	0.005	0.019	0.025	0.050	0.0019	0.0017	11.3
10/03/2017	RG_USGOLD	128	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0016	10.6
10/03/2017	RG_USGOLD	127	< 0.010	< 0.010	< 0.050	< 0.050	0.0018	0.0016	10.8
10/03/2017	RG_USGOLD	144	< 0.010	0.047	< 0.050	0.100	0.0021	0.0019	12.6
11/08/2017	RG_USGOLD	125	< 0.010	0.012	< 0.050	< 0.050	0.0023	0.0021	11.5
11/08/2017	RG_USGOLD	130	< 0.010	0.013	< 0.050	< 0.050	0.0025	0.0021	11.7
11/08/2017	RG_USGOLD	131	< 0.010	0.036	< 0.050	0.055	0.0024	0.0022	11.7
11/08/2017	RG_USGOLD	129	0.005	0.020	0.025	0.035	0.0024	0.0021	11.6
12/05/2017	RG_USGOLD	139	< 0.010	0.020	< 0.050	< 0.050	0.0020	0.0014	11.3
12/05/2017	RG_USGOLD	153	< 0.010	0.021	< 0.050	< 0.050	0.0032	0.0015	11.6
12/05/2017	RG_USGOLD	170	< 0.010	0.052	< 0.050	0.070	0.0035	0.0019	12.8
12/05/2017	RG_USGOLD	154	0.005	0.031	0.025	0.040	0.0029	0.0016	11.9

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
04/11/2017	RG_BORDER	0.0539	0.0740	0.0025	0.00183	0.000718	0.00081	0.61	1.30
04/11/2017	RG_BORDER	0.0361	0.0726	< 0.0050	0.00172	0.000781	0.00082	< 0.50	1.32
04/11/2017	RG_BORDER	0.0614	0.0731	< 0.0050	0.00175	0.000706	0.00081	0.65	1.22
04/11/2017	RG_BORDER	0.0642	0.0762	< 0.0050	0.00203	0.000668	0.00081	0.93	1.35
04/17/2017	RG_BORDER	0.0296	0.0695	0.0025	0.00199	0.000730	0.00081	0.25	1.33
04/17/2017	RG_BORDER	0.0298	0.0672	< 0.0050	0.00177	0.000723	0.00085	< 0.50	1.29
04/17/2017	RG_BORDER	0.0289	0.0677	< 0.0050	0.00185	0.000726	0.00079	< 0.50	1.35
04/17/2017	RG_BORDER	0.0300	0.0737	< 0.0050	0.00236	0.000740	0.00079	< 0.50	1.34
04/24/2017	RG_BORDER	0.0242	0.0785	0.0025	0.00235	0.000812	0.00091	0.25	1.85
04/24/2017	RG_BORDER	0.0217	0.0737	< 0.0050	0.00227	0.000815	0.00092	< 0.50	1.70
04/24/2017	RG_BORDER	0.0249	0.0754	< 0.0050	0.00220	0.000795	0.00091	< 0.50	1.77
04/24/2017	RG_BORDER	0.0260	0.0863	< 0.0050	0.00259	0.000826	0.00090	< 0.50	2.08
05/02/2017	RG_BORDER	0.0221	0.0725	0.0025	0.00239	0.000677	0.00076	0.25	1.82
05/02/2017	RG_BORDER	0.0236	0.0674	< 0.0050	0.00215	0.000699	0.00078	< 0.50	1.70
05/02/2017	RG_BORDER	0.0206	0.0776	< 0.0050	0.00263	0.000654	0.00074	< 0.50	1.93
05/09/2017	RG_BORDER	0.0176	0.1005	0.0025	0.00523	0.000572	0.00066	0.25	3.52
05/09/2017	RG_BORDER	0.0181	0.0985	< 0.0050	0.00509	0.000559	0.00065	< 0.50	3.42
05/09/2017	RG_BORDER	0.0168	0.1010	< 0.0050	0.00536	0.000608	0.00067	< 0.50	3.58
05/09/2017	RG_BORDER	0.0178	0.1020	< 0.0050	0.00523	0.000549	0.00066	< 0.50	3.56
05/16/2017	RG_BORDER	0.0069	0.0376	0.0025	0.00284	0.000503	0.00051	0.25	1.45
05/16/2017	RG_BORDER	0.0071	0.0360	< 0.0050	0.00273	0.000567	0.00051	< 0.50	1.39
05/16/2017	RG_BORDER	0.0071	0.0379	< 0.0050	0.00278	0.000450	0.00048	< 0.50	1.48
05/16/2017	RG_BORDER	0.0066	0.0390	< 0.0050	0.00302	0.000491	0.00052	< 0.50	1.48
05/23/2017	RG_BORDER	0.0040	0.0182	0.0025	0.00162	0.000540	0.00055	0.25	0.52
05/23/2017	RG_BORDER	0.0040	0.0158	< 0.0050	0.00145	0.000545	0.00055	< 0.50	< 0.50
05/23/2017	RG_BORDER	0.0041	0.0195	< 0.0050	0.00175	0.000527	0.00055	< 0.50	0.71
05/23/2017	RG_BORDER	0.0040	0.0193	< 0.0050	0.00165	0.000549	0.00055	< 0.50	0.59
05/30/2017	RG_BORDER	0.0023	0.0285	0.0025	0.00224	0.000534	0.00053	0.54	1.24
05/30/2017	RG_BORDER	0.0018	0.0214	< 0.0050	0.00200	0.000519	0.00048	1.12	0.93
05/30/2017	RG_BORDER	0.0025	0.0317	< 0.0050	0.00240	0.000544	0.00054	< 0.50	1.34
05/30/2017	RG_BORDER	0.0026	0.0324	< 0.0050	0.00233	0.000538	0.00058	< 0.50	1.46
06/06/2017	RG_BORDER	0.0007	0.0287	0.0025	0.00193	0.000512	0.00048	0.25	1.18
06/06/2017	RG_BORDER	0.0002	0.0039	< 0.0050	0.00090	0.000502	0.00048	< 0.50	< 0.50
06/06/2017	RG_BORDER	0.0009	0.0398	< 0.0050	0.00230	0.000478	0.00049	< 0.50	1.72
06/06/2017	RG_BORDER	0.0011	0.0423	< 0.0050	0.00260	0.000556	0.00046	< 0.50	1.57
06/13/2017	RG_BORDER	0.0018	0.0240	0.0025	0.00170	0.000538	0.00054	0.25	1.08
06/13/2017	RG_BORDER	0.0002	0.0046	< 0.0050	0.00080	0.000494	0.00051	< 0.50	< 0.50
06/13/2017	RG_BORDER	0.0034	0.0282	< 0.0050	0.00190	0.000616	0.00054	< 0.50	1.31
06/13/2017	RG_BORDER	0.0017	0.0391	< 0.0050	0.00240	0.000505	0.00058	< 0.50	1.68
06/20/2017	RG_BORDER	0.0010	0.0118	0.0025	0.00106	0.000511	0.00050	0.25	0.59
06/20/2017	RG_BORDER	0.0002	0.0024	< 0.0050	0.00066	0.000497	0.00049	< 0.50	< 0.50
06/20/2017	RG_BORDER	0.0011	0.0113	< 0.0050	0.00102	0.000500	0.00049	< 0.50	0.60
06/20/2017	RG_BORDER	0.0017	0.0216	< 0.0050	0.00149	0.000536	0.00053	< 0.50	0.93
06/27/2017	RG_BORDER	0.0012	0.0085	0.0025	0.00093	0.000516	0.00053	0.25	0.35
06/27/2017	RG_BORDER	0.0005	0.0016	< 0.0050	0.00060	0.000456	0.00050	< 0.50	< 0.50

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
06/27/2017	RG_BORDER	0.0026	0.0106	< 0.0050	0.00091	0.000572	0.00054	< 0.50	< 0.50
06/27/2017	RG_BORDER	0.0005	0.0132	< 0.0050	0.00129	0.000521	0.00055	< 0.50	0.54
07/04/2017	RG_BORDER	0.0006	0.0059	0.0025	0.00082	0.000530	0.00055	0.25	0.36
07/04/2017	RG_BORDER	0.0005	0.0015	< 0.0050	0.00061	0.000497	0.00053	< 0.50	< 0.50
07/04/2017	RG_BORDER	0.0011	0.0062	< 0.0050	0.00070	0.000530	0.00055	< 0.50	< 0.50
07/04/2017	RG_BORDER	0.0004	0.0099	< 0.0050	0.00114	0.000562	0.00058	< 0.50	0.57
07/11/2017	RG_BORDER	0.0006	0.0038	0.0025	0.00073	0.000564	0.00058	0.25	0.25
07/11/2017	RG_BORDER	0.0007	0.0015	< 0.0050	0.00063	0.000504	0.00054	< 0.50	< 0.50
07/11/2017	RG_BORDER	0.0008	0.0041	< 0.0050	0.00056	0.000571	0.00059	< 0.50	< 0.50
07/11/2017	RG_BORDER	0.0002	0.0059	< 0.0050	0.00101	0.000616	0.00060	< 0.50	< 0.50
08/08/2017	RG_BORDER	0.0001	0.0018	0.0025	0.00039	0.000560	0.00059	0.25	0.25
08/08/2017	RG_BORDER	< 0.00010	0.0010	< 0.0050	< 0.00050	0.000592	0.00059	< 0.50	< 0.50
08/08/2017	RG_BORDER	< 0.00010	0.0012	< 0.0050	< 0.00050	0.000551	0.00058	< 0.50	< 0.50
08/08/2017	RG_BORDER	< 0.00010	0.0032	< 0.0050	0.00066	0.000538	0.00059	< 0.50	< 0.50
09/18/2017	RG_BORDER	0.0001	0.0021	0.0025	0.00025	0.000613	0.00061	0.25	0.25
09/18/2017	RG_BORDER	< 0.00010	0.0011	< 0.0050	< 0.00050	0.000624	0.00064	< 0.50	< 0.50
09/18/2017	RG_BORDER	< 0.00010	0.0015	< 0.0050	< 0.00050	0.000650	0.00067	< 0.50	< 0.50
09/18/2017	RG_BORDER	< 0.00010	0.0036	< 0.0050	< 0.00050	0.000566	0.00054	< 0.50	< 0.50
10/03/2017	RG_BORDER	0.0001	0.0025	0.0025	0.00025	0.000669	0.00067	0.25	0.25
10/03/2017	RG_BORDER	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000617	0.00064	< 0.50	< 0.50
10/03/2017	RG_BORDER	< 0.00010	0.0014	< 0.0050	< 0.00050	0.000658	0.00063	< 0.50	< 0.50
10/03/2017	RG_BORDER	< 0.00010	0.0047	< 0.0050	< 0.00050	0.000733	0.00074	< 0.50	< 0.50
11/08/2017	RG_BORDER	< 0.00010	0.0018	< 0.0050	< 0.00050	0.000705	0.00079	< 0.50	< 0.50
11/08/2017	RG_BORDER	< 0.00010	0.0020	< 0.0050	< 0.00050	0.000713	0.00083	< 0.50	< 0.50
11/08/2017	RG_BORDER	< 0.00010	0.0023	< 0.0050	< 0.00050	0.000741	0.00080	< 0.50	< 0.50
11/08/2017	RG_BORDER	0.0001	0.0020	0.0025	0.00025	0.000720	0.00081	0.25	0.25
12/05/2017	RG_BORDER	0.0001	0.0018	< 0.0050	< 0.00050	0.000639	0.00069	< 0.50	< 0.50
12/05/2017	RG_BORDER	0.0002	0.0020	< 0.0050	< 0.00050	0.000736	0.00070	< 0.50	< 0.50
12/05/2017	RG_BORDER	0.0002	0.0036	< 0.0050	< 0.00050	0.000778	0.00076	< 0.50	< 0.50
12/05/2017	RG_BORDER	0.0002	0.0025	0.0025	0.00025	0.000718	0.00072	0.25	0.25
04/04/2017	RG_DSELK	0.0498	0.1370	< 0.0050	0.00471	0.000836	0.00107	< 0.50	3.26
04/11/2017	RG_DSELK	0.0145	0.1850	< 0.0050	0.00974	0.000854	0.00094	< 0.50	5.31
04/17/2017	RG_DSELK	0.0077	0.2370	< 0.0050	0.00747	0.000832	0.00045	< 0.50	2.96
04/24/2017	RG_DSELK	0.0201	0.4260	< 0.0050	0.02630	0.000793	0.00110	< 0.50	14.90
05/02/2017	RG_DSELK	0.0059	0.1400	< 0.0050	0.00555	0.000661	0.00083	< 0.50	4.96
05/09/2017	RG_DSELK	0.0095	0.2500	< 0.0050	0.00947	0.000559	0.00075	< 0.50	9.11
05/16/2017	RG_DSELK	0.0037	0.0581	< 0.0050	0.00343	0.000492	0.00055	< 0.50	2.08
05/23/2017	RG_DSELK	0.0044	0.0646	< 0.0050	0.00410	0.000503	0.00053	< 0.50	1.95
05/30/2017	RG_DSELK	0.0020	0.1210	< 0.0050	0.00621	0.000627	0.00068	< 0.50	4.68
06/06/2017	RG_DSELK	0.0017	0.0441	0.0025	0.00273	0.000501	0.00047	0.25	1.53
06/06/2017	RG_DSELK	0.0020	0.0409	< 0.0050	0.00240	0.000469	0.00047	< 0.50	1.57
06/06/2017	RG_DSELK	0.0019	0.0420	< 0.0050	0.00250	0.000479	0.00039	< 0.50	1.18
06/06/2017	RG_DSELK	0.0011	0.0495	< 0.0050	0.00330	0.000555	0.00057	< 0.50	1.85
06/13/2017	RG_DSELK	0.0024	0.0354	0.0025	0.00223	0.000534	0.00061	0.25	1.70
06/13/2017	RG_DSELK	0.0029	0.0296	< 0.0050	0.00210	0.000651	0.00072	< 0.50	1.50

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
06/13/2017	RG_DSELK	0.0019	0.0372	< 0.0050	0.00230	0.000490	0.00054	< 0.50	1.71
06/13/2017	RG_DSELK	0.0023	0.0395	< 0.0050	0.00230	0.000460	0.00055	< 0.50	1.88
06/20/2017	RG_DSELK	0.0022	0.0149	0.0025	0.00104	0.000565	0.00052	0.25	0.57
06/20/2017	RG_DSELK	0.0021	0.0101	< 0.0050	0.00087	0.000514	0.00047	< 0.50	< 0.50
06/20/2017	RG_DSELK	0.0022	0.0166	< 0.0050	0.00110	0.000609	0.00052	< 0.50	0.66
06/20/2017	RG_DSELK	0.0022	0.0179	< 0.0050	0.00114	0.000573	0.00056	< 0.50	0.81
06/27/2017	RG_DSELK	0.0023	0.0083	0.0025	0.00079	0.000525	0.00053	0.25	0.25
06/27/2017	RG_DSELK	0.0019	0.0029	< 0.0050	0.00060	0.000496	0.00051	< 0.50	< 0.50
06/27/2017	RG_DSELK	0.0025	0.0070	< 0.0050	0.00069	0.000548	0.00056	< 0.50	< 0.50
06/27/2017	RG_DSELK	0.0025	0.0150	< 0.0050	0.00108	0.000530	0.00053	< 0.50	< 0.50
07/04/2017	RG_DSELK	0.0009	0.0043	0.0025	0.00064	0.000554	0.00056	0.25	0.25
07/04/2017	RG_DSELK	0.0006	0.0015	< 0.0050	0.00065	0.000499	0.00052	< 0.50	< 0.50
07/04/2017	RG_DSELK	0.0008	0.0033	< 0.0050	0.00053	0.000607	0.00060	< 0.50	< 0.50
07/04/2017	RG_DSELK	0.0013	0.0080	< 0.0050	0.00075	0.000557	0.00055	< 0.50	< 0.50
07/11/2017	RG_DSELK	0.0008	0.0039	0.0025	0.00048	0.000636	0.00062	0.25	0.25
07/11/2017	RG_DSELK	0.0007	0.0016	< 0.0050	< 0.00050	0.000525	0.00054	< 0.50	< 0.50
07/11/2017	RG_DSELK	0.0006	0.0033	< 0.0050	0.00053	0.000766	0.00075	< 0.50	< 0.50
07/11/2017	RG_DSELK	0.0012	0.0068	< 0.0050	0.00065	0.000617	0.00059	< 0.50	< 0.50
08/08/2017	RG_DSELK	0.0001	0.0054	0.0025	0.00043	0.000665	0.00067	0.25	0.25
08/08/2017	RG_DSELK	< 0.00010	0.0019	< 0.0050	< 0.00050	0.000709	0.00070	< 0.50	< 0.50
08/08/2017	RG_DSELK	< 0.00010	0.0090	< 0.0050	0.00061	0.000620	0.00064	< 0.50	< 0.50
09/18/2017	RG_DSELK	0.0001	0.0026	0.0025	0.00025	0.000721	0.00073	0.25	0.25
09/18/2017	RG_DSELK	< 0.00010	0.0015	< 0.0050	< 0.00050	0.000698	0.00071	< 0.50	< 0.50
09/18/2017	RG_DSELK	< 0.00010	0.0017	< 0.0050	< 0.00050	0.000700	0.00071	< 0.50	< 0.50
09/18/2017	RG_DSELK	< 0.00010	0.0047	< 0.0050	< 0.00050	0.000766	0.00077	< 0.50	< 0.50
10/03/2017	RG_DSELK	0.0001	0.0024	0.0025	0.00025	0.000702	0.00077	0.25	0.25
10/03/2017	RG_DSELK	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000686	0.00081	< 0.50	< 0.50
10/03/2017	RG_DSELK	< 0.00010	0.0011	< 0.0050	< 0.00050	0.000645	0.00069	< 0.50	< 0.50
10/03/2017	RG_DSELK	0.0002	0.0049	< 0.0050	< 0.00050	0.000774	0.00081	< 0.50	< 0.50
11/08/2017	RG_DSELK	< 0.00010	0.0019	< 0.0050	< 0.00050	0.000774	0.00080	< 0.50	< 0.50
11/08/2017	RG_DSELK	< 0.00010	0.0024	< 0.0050	< 0.00050	0.000796	0.00091	< 0.50	< 0.50
11/08/2017	RG_DSELK	< 0.00010	0.0029	< 0.0050	< 0.00050	0.000785	0.00089	< 0.50	< 0.50
11/08/2017	RG_DSELK	0.0001	0.0024	0.0025	0.00025	0.000785	0.00086	0.25	0.25
12/05/2017	RG_DSELK	0.0002	0.0026	< 0.0050	< 0.00050	0.000811	0.00073	< 0.50	< 0.50
12/05/2017	RG_DSELK	0.0002	0.0045	< 0.0050	< 0.00050	0.000834	0.00076	< 0.50	< 0.50
12/05/2017	RG_DSELK	0.0002	0.0052	< 0.0050	< 0.00050	0.000832	0.00078	< 0.50	< 0.50
12/05/2017	RG_DSELK	0.0002	0.0041	0.0025	0.00025	0.000826	0.00076	0.25	0.25
01/03/2017	RG_ELKMOUTH	0.0012	0.0022	< 0.0050	< 0.00050	0.001130	0.00105	< 0.50	< 0.50
02/08/2017	RG_ELKMOUTH	0.0005	0.0015	< 0.0050	< 0.00050	0.001050	0.00110	< 0.50	< 0.50
03/07/2017	RG_ELKMOUTH	0.0009	0.0015	< 0.0050	< 0.00050	0.000945	0.00099	< 0.50	< 0.50
03/14/2017	RG_ELKMOUTH	0.0021	0.0048	< 0.0050	< 0.00050	0.000887	0.00097	< 0.50	< 0.50
03/21/2017	RG_ELKMOUTH	0.0029	0.0415	< 0.0050	0.00293	0.000664	0.00079	< 0.50	1.86
03/28/2017	RG_ELKMOUTH	0.0022	0.0080	< 0.0050	0.00132	0.000732	0.00082	< 0.50	0.61
04/04/2017	RG_ELKMOUTH	0.0018	0.0080	< 0.0050	0.00120	0.000798	0.00086	< 0.50	0.62
04/11/2017	RG_ELKMOUTH	0.0005	0.0078	< 0.0050	0.00124	0.000782	0.00082	< 0.50	0.56

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
04/18/2017	RG_ELKMOUTH	0.0006	0.0058	< 0.0050	0.00115	0.000834	0.00086	< 0.50	0.56
04/25/2017	RG_ELKMOUTH	0.0011	0.0243	< 0.0050	0.00299	0.000770	0.00079	< 0.50	1.48
05/01/2017	RG_ELKMOUTH	0.0018	0.0112	< 0.0050	0.00183	0.000773	0.00079	< 0.50	0.76
05/09/2017	RG_ELKMOUTH	0.0005	0.0474	< 0.0050	0.00604	0.000695	0.00080	< 0.50	2.49
05/16/2017	RG_ELKMOUTH	0.0014	0.0333	< 0.0050	0.00301	0.000783	0.00080	< 0.50	1.65
05/23/2017	RG_ELKMOUTH	0.0023	0.0578	< 0.0050	0.00608	0.000666	0.00066	0.52	2.49
05/30/2017	RG_ELKMOUTH	0.0015	0.1330	< 0.0050	0.01070	0.000678	0.00076	< 0.50	4.91
06/06/2017	RG_ELKMOUTH	0.0020	0.0799	< 0.0050	0.00540	0.000678	0.00081	< 0.50	3.51
06/13/2017	RG_ELKMOUTH	0.0010	0.0347	< 0.0050	0.00250	0.000767	0.00083	< 0.50	1.63
06/20/2017	RG_ELKMOUTH	0.0011	0.0253	< 0.0050	0.00187	0.000772	0.00078	< 0.50	1.24
06/27/2017	RG_ELKMOUTH	0.0005	0.0137	< 0.0050	0.00144	0.000809	0.00079	< 0.50	0.82
07/04/2017	RG_ELKMOUTH	0.0004	0.0065	< 0.0050	0.00070	0.000852	0.00086	< 0.50	0.61
07/11/2017	RG_ELKMOUTH	< 0.00010	0.0063	< 0.0050	0.00074	0.000979	0.00099	< 0.50	0.53
08/01/2017	RG_ELKMOUTH	0.0001	0.0038	< 0.0050	< 0.00050	0.001030	0.00101	< 0.50	0.50
09/19/2017	RG_ELKMOUTH	< 0.00010	0.0018	< 0.0050	< 0.00050	0.001070	0.00120	< 0.50	< 0.50
10/03/2017	RG_ELKMOUTH	0.0004	0.0011	< 0.0050	< 0.00050	0.000976	0.00101	< 0.50	< 0.50
11/08/2017	RG_ELKMOUTH	0.0004	0.0014	< 0.0050	< 0.00050	0.001060	0.00115	< 0.50	< 0.50
12/05/2017	RG_ELKMOUTH	0.0003	0.0017	< 0.0050	< 0.00050	0.000946	0.00092	< 0.50	< 0.50
04/04/2017	RG_GRASMERE	0.0433	0.0804	0.0025	0.00205	0.000801	0.00088	0.25	1.49
04/04/2017	RG_GRASMERE	0.0440	0.0818	< 0.0050	0.00177	0.000798	0.00089	< 0.50	1.52
04/04/2017	RG_GRASMERE	0.0426	0.0789	< 0.0050	0.00233	0.000803	0.00088	< 0.50	1.45
04/11/2017	RG_GRASMERE	0.0235	0.0939	< 0.0050	0.00287	0.000826	0.00089	< 0.50	2.37
04/17/2017	RG_GRASMERE	0.0199	0.0850	< 0.0050	0.00272	0.000760	0.00083	< 0.50	2.10
04/24/2017	RG_GRASMERE	0.0970	0.1640	< 0.0050	0.00293	0.001080	0.00118	0.65	2.50
05/02/2017	RG_GRASMERE	0.0129	0.4030	< 0.0050	0.01250	0.000718	0.00105	< 0.50	13.80
05/09/2017	RG_GRASMERE	0.0133	0.2010	< 0.0050	0.01020	0.000562	0.00074	< 0.50	7.31
05/16/2017	RG_GRASMERE	0.0045	0.0289	< 0.0050	0.00192	0.000509	0.00053	< 0.50	1.12
05/23/2017	RG_GRASMERE	0.0021	0.0296	< 0.0050	0.00217	0.000518	0.00051	< 0.50	0.75
05/30/2017	RG_GRASMERE	0.0021	0.0580	< 0.0050	0.00298	0.000517	0.00052	< 0.50	2.16
06/06/2017	RG_GRASMERE	0.0018	0.0383	0.0025	0.00220	0.000498	0.00044	0.25	1.31
06/06/2017	RG_GRASMERE	0.0022	0.0325	< 0.0050	0.00140	0.000479	0.00039	< 0.50	1.03
06/06/2017	RG_GRASMERE	0.0017	0.0423	< 0.0050	0.00260	0.000497	0.00049	< 0.50	1.70
06/06/2017	RG_GRASMERE	0.0015	0.0402	< 0.0050	0.00260	0.000517	0.00042	< 0.50	1.20
06/13/2017	RG_GRASMERE	0.0019	0.0343	0.0025	0.00233	0.000528	0.00057	0.25	1.67
06/13/2017	RG_GRASMERE	0.0018	0.0198	< 0.0050	0.00180	0.000586	0.00057	< 0.50	1.01
06/13/2017	RG_GRASMERE	0.0020	0.0378	< 0.0050	0.00260	0.000517	0.00058	< 0.50	1.87
06/13/2017	RG_GRASMERE	0.0018	0.0452	< 0.0050	0.00260	0.000480	0.00055	< 0.50	2.14
06/20/2017	RG_GRASMERE	0.0018	0.0110	0.0025	0.00096	0.000523	0.00053	0.25	0.55
06/20/2017	RG_GRASMERE	0.0011	0.0028	< 0.0050	0.00065	0.000499	0.00051	< 0.50	< 0.50
06/20/2017	RG_GRASMERE	0.0021	0.0119	< 0.0050	0.00095	0.000496	0.00050	< 0.50	0.57
06/20/2017	RG_GRASMERE	0.0022	0.0184	< 0.0050	0.00129	0.000575	0.00056	< 0.50	0.84
06/27/2017	RG_GRASMERE	0.0018	0.0064	0.0025	0.00080	0.000571	0.00056	0.25	0.25
06/27/2017	RG_GRASMERE	0.0011	0.0021	< 0.0050	0.00061	0.000545	0.00049	< 0.50	< 0.50
06/27/2017	RG_GRASMERE	0.0021	0.0059	< 0.0050	0.00064	0.000572	0.00058	< 0.50	< 0.50
06/27/2017	RG_GRASMERE	0.0022	0.0112	< 0.0050	0.00116	0.000596	0.00061	< 0.50	< 0.50

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
07/04/2017	RG_GRASMERE	0.0009	0.0041	0.0025	0.00060	0.000511	0.00054	0.25	0.25
07/04/2017	RG_GRASMERE	0.0005	0.0014	< 0.0050	0.00055	0.000505	0.00050	< 0.50	< 0.50
07/04/2017	RG_GRASMERE	0.0006	0.0025	< 0.0050	0.00052	0.000447	0.00057	< 0.50	< 0.50
07/04/2017	RG_GRASMERE	0.0015	0.0084	< 0.0050	0.00074	0.000580	0.00057	< 0.50	< 0.50
07/11/2017	RG_GRASMERE	0.0010	0.0051	0.0025	0.00064	0.000573	0.00059	0.25	0.25
07/11/2017	RG_GRASMERE	0.0008	0.0017	< 0.0050	0.00054	0.000526	0.00057	< 0.50	< 0.50
07/11/2017	RG_GRASMERE	0.0011	0.0057	< 0.0050	0.00061	0.000561	0.00056	< 0.50	< 0.50
07/11/2017	RG_GRASMERE	0.0012	0.0078	< 0.0050	0.00077	0.000633	0.00064	< 0.50	< 0.50
08/08/2017	RG_GRASMERE	0.0001	0.0020	0.0025	0.00044	0.000660	0.00066	0.25	0.25
08/08/2017	RG_GRASMERE	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000660	0.00063	< 0.50	< 0.50
08/08/2017	RG_GRASMERE	< 0.00010	0.0028	< 0.0050	0.00062	0.000660	0.00070	< 0.50	< 0.50
09/18/2017	RG_GRASMERE	0.0001	0.0023	0.0025	0.00025	0.000697	0.00071	0.25	0.25
09/18/2017	RG_GRASMERE	< 0.00010	0.0014	< 0.0050	< 0.00050	0.000680	0.00066	< 0.50	< 0.50
09/18/2017	RG_GRASMERE	< 0.00010	0.0016	< 0.0050	< 0.00050	0.000659	0.00071	< 0.50	< 0.50
09/18/2017	RG_GRASMERE	< 0.00010	0.0039	< 0.0050	< 0.00050	0.000751	0.00077	< 0.50	< 0.50
10/03/2017	RG_GRASMERE	0.0001	0.0017	0.0025	0.00025	0.000679	0.00068	0.25	0.25
10/03/2017	RG_GRASMERE	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000655	0.00066	< 0.50	< 0.50
10/03/2017	RG_GRASMERE	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000650	0.00065	< 0.50	< 0.50
10/03/2017	RG_GRASMERE	< 0.00010	0.0025	< 0.0050	< 0.00050	0.000732	0.00072	< 0.50	< 0.50
11/08/2017	RG_GRASMERE	< 0.00010	0.0020	< 0.0050	< 0.00050	0.000747	0.00080	< 0.50	< 0.50
11/08/2017	RG_GRASMERE	< 0.00010	0.0027	< 0.0050	< 0.00050	0.000748	0.00089	< 0.50	< 0.50
11/08/2017	RG_GRASMERE	< 0.00010	0.0019	< 0.0050	< 0.00050	0.000792	0.00078	< 0.50	< 0.50
11/08/2017	RG_GRASMERE	0.0001	0.0022	0.0025	0.00025	0.000762	0.00082	0.25	0.25
12/05/2017	RG_GRASMERE	< 0.00010	0.0020	< 0.0050	< 0.00050	0.000715	0.00070	< 0.50	< 0.50
12/05/2017	RG_GRASMERE	< 0.00010	0.0034	< 0.0050	< 0.00050	0.000802	0.00076	< 0.50	< 0.50
12/05/2017	RG_GRASMERE	0.0002	0.0049	< 0.0050	< 0.00050	0.000794	0.00076	< 0.50	< 0.50
12/05/2017	RG_GRASMERE	0.0001	0.0034	0.0025	0.00025	0.000770	0.00074	0.25	0.25
04/24/2017	RG_KERRRD	0.0058	0.0601	< 0.0050	0.00323	0.000549	0.00063	< 0.50	2.11
05/02/2017	RG_KERRRD	0.0042	0.0248	< 0.0050	0.00128	0.000558	0.00061	< 0.50	0.84
05/09/2017	RG_KERRRD	0.0063	0.0840	< 0.0050	0.00522	0.000436	0.00057	< 0.50	3.26
05/16/2017	RG_KERRRD	0.0026	0.0326	< 0.0050	0.00240	0.000458	0.00050	< 0.50	1.25
05/23/2017	RG_KERRRD	0.0041	0.0898	< 0.0050	0.00691	0.000459	0.00057	< 0.50	3.57
05/30/2017	RG_KERRRD	0.0024	0.1130	< 0.0050	0.00601	0.000432	0.00054	< 0.50	4.18
06/06/2017	RG_KERRRD	0.0012	0.0554	0.0025	0.00298	0.000500	0.00052	0.25	2.20
06/06/2017	RG_KERRRD	0.0013	0.0555	< 0.0050	0.00330	0.000538	0.00052	< 0.50	2.26
06/06/2017	RG_KERRRD	0.0012	0.0553	< 0.0050	0.00266	0.000461	0.00051	< 0.50	2.14
06/13/2017	RG_KERRRD	0.0030	0.0365	0.0025	0.00190	0.000473	0.00054	0.25	1.56
06/13/2017	RG_KERRRD	0.0032	0.0368	< 0.0050	0.00210	0.000467	0.00055	< 0.50	1.52
06/13/2017	RG_KERRRD	0.0029	0.0361	< 0.0050	0.00170	0.000478	0.00053	< 0.50	1.59
06/20/2017	RG_KERRRD	0.0023	0.0164	0.0025	0.00105	0.000496	0.00051	0.25	0.64
06/20/2017	RG_KERRRD	0.0025	0.0164	< 0.0050	0.00108	0.000498	0.00052	< 0.50	0.60
06/20/2017	RG_KERRRD	0.0024	0.0163	< 0.0050	0.00113	0.000493	0.00051	< 0.50	0.67
06/20/2017	RG_KERRRD	0.0020	0.0166	< 0.0050	0.00095	0.000497	0.00051	< 0.50	0.65
06/27/2017	RG_KERRRD	0.0031	0.0095	0.0025	0.00075	0.000527	0.00054	0.25	0.25
06/27/2017	RG_KERRRD	0.0031	0.0090	< 0.0050	0.00076	0.000514	0.00056	< 0.50	< 0.50

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
06/27/2017	RG_KERRRD	0.0033	0.0098	< 0.0050	0.00077	0.000537	0.00053	< 0.50	< 0.50
06/27/2017	RG_KERRRD	0.0031	0.0098	< 0.0050	0.00072	0.000531	0.00054	< 0.50	< 0.50
07/04/2017	RG_KERRRD	0.0014	0.0053	0.0025	0.00068	0.000522	0.00052	0.25	0.25
07/04/2017	RG_KERRRD	0.0010	0.0033	< 0.0050	0.00060	0.000511	0.00054	< 0.50	< 0.50
07/04/2017	RG_KERRRD	0.0016	0.0066	< 0.0050	0.00072	0.000539	0.00050	< 0.50	< 0.50
07/04/2017	RG_KERRRD	0.0015	0.0061	< 0.0050	0.00073	0.000516	0.00052	< 0.50	< 0.50
07/11/2017	RG_KERRRD	0.0006	0.0047	0.0025	0.00047	0.000550	0.00057	0.25	0.25
07/11/2017	RG_KERRRD	0.0004	0.0028	< 0.0050	< 0.00050	0.000510	0.00056	< 0.50	< 0.50
07/11/2017	RG_KERRRD	0.0004	0.0049	< 0.0050	0.00055	0.000582	0.00057	< 0.50	< 0.50
07/11/2017	RG_KERRRD	0.0010	0.0064	< 0.0050	0.00060	0.000559	0.00058	< 0.50	< 0.50
08/08/2017	RG_KERRRD	0.0001	0.0027	0.0025	0.00025	0.000674	0.00068	0.25	0.25
08/08/2017	RG_KERRRD	< 0.00010	0.0014	< 0.0050	< 0.00050	0.000612	0.00061	< 0.50	< 0.50
08/08/2017	RG_KERRRD	< 0.00010	0.0021	< 0.0050	< 0.00050	0.000696	0.00072	< 0.50	< 0.50
08/08/2017	RG_KERRRD	0.0001	0.0047	< 0.0050	< 0.00050	0.000714	0.00071	< 0.50	< 0.50
09/18/2017	RG_KERRRD	0.0001	0.0021	0.0025	0.00025	0.000705	0.00071	0.25	0.25
09/18/2017	RG_KERRRD	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000682	0.00069	< 0.50	< 0.50
09/18/2017	RG_KERRRD	< 0.00010	0.0015	< 0.0050	< 0.00050	0.000685	0.00070	< 0.50	< 0.50
09/18/2017	RG_KERRRD	< 0.00010	0.0036	< 0.0050	< 0.00050	0.000749	0.00075	< 0.50	< 0.50
10/03/2017	RG_KERRRD	0.0001	0.0022	0.0025	0.00025	0.000724	0.00074	0.25	0.25
10/03/2017	RG_KERRRD	< 0.00010	0.0009	< 0.0050	< 0.00050	0.000693	0.00067	< 0.50	< 0.50
10/03/2017	RG_KERRRD	< 0.00010	0.0010	< 0.0050	< 0.00050	0.000702	0.00076	< 0.50	< 0.50
10/03/2017	RG_KERRRD	0.0001	0.0046	< 0.0050	< 0.00050	0.000777	0.00078	< 0.50	< 0.50
11/08/2017	RG_KERRRD	0.0001	0.0028	< 0.0050	< 0.00050	0.000825	0.00084	< 0.50	< 0.50
11/08/2017	RG_KERRRD	< 0.00010	0.0027	< 0.0050	< 0.00050	0.000766	0.00080	< 0.50	6.09
11/08/2017	RG_KERRRD	0.0002	0.0028	< 0.0050	< 0.00050	0.000781	0.00085	< 0.50	< 0.50
11/08/2017	RG_KERRRD	0.0001	0.0027	0.0025	0.00025	0.000791	0.00083	0.25	2.20
12/05/2017	RG_KERRRD	0.0003	0.0076	< 0.0050	< 0.00050	0.000776	0.00073	< 0.50	< 0.50
12/05/2017	RG_KERRRD	0.0003	0.0079	< 0.0050	< 0.00050	0.000778	0.00071	< 0.50	< 0.50
12/05/2017	RG_KERRRD	0.0003	0.0075	< 0.0050	< 0.00050	0.000752	0.00084	< 0.50	< 0.50
12/05/2017	RG_KERRRD	0.0003	0.0077	0.0025	0.00025	0.000769	0.00076	0.25	0.25
04/04/2017	RG_USGOLD	0.0501	0.0745	0.0025	0.00147	0.000779	0.00088	0.25	1.10
04/04/2017	RG_USGOLD	0.0499	0.0718	< 0.0050	0.00142	0.000769	0.00089	< 0.50	1.00
04/04/2017	RG_USGOLD	0.0503	0.0772	< 0.0050	0.00152	0.000788	0.00087	< 0.50	1.20
04/11/2017	RG_USGOLD	0.0262	0.0792	< 0.0050	0.00267	0.000814	0.00078	< 0.50	1.42
04/17/2017	RG_USGOLD	0.0166	0.0740	< 0.0050	0.00217	0.000800	0.00073	< 0.50	1.41
04/24/2017	RG_USGOLD	0.0270	0.1960	< 0.0050	0.00817	0.000817	0.00097	< 0.50	6.21
05/02/2017	RG_USGOLD	0.0285	0.1440	< 0.0050	0.00557	0.000836	0.00101	< 0.50	4.47
05/09/2017	RG_USGOLD	0.0155	0.0913	< 0.0050	0.00419	0.000562	0.00065	< 0.50	3.28
05/16/2017	RG_USGOLD	0.0052	0.0364	< 0.0050	0.00246	0.000485	0.00055	< 0.50	1.38
05/23/2017	RG_USGOLD	0.0039	0.0398	< 0.0050	0.00239	0.000563	0.00050	< 0.50	1.09
05/30/2017	RG_USGOLD	0.0028	0.0506	0.0025	0.00335	0.000555	0.00058	0.25	2.16
05/30/2017	RG_USGOLD	0.0032	0.0411	< 0.0050	0.00319	0.000549	0.00058	< 0.50	1.80
05/30/2017	RG_USGOLD	0.0027	0.0528	< 0.0050	0.00350	0.000584	0.00060	< 0.50	2.27
05/30/2017	RG_USGOLD	0.0026	0.0580	< 0.0050	0.00336	0.000533	0.00057	< 0.50	2.40
06/06/2017	RG_USGOLD	0.0012	0.0320	0.0025	0.00223	0.000517	0.00050	0.25	1.31

Sample Date	Location	Manganese - Dissolved mg/l	Manganese - Total mg/l	Mercury - Dissolved µg/l	Mercury - Total µg/l	Molybdenum - Dissolved mg/l	Molybdenum - Total mg/l	Nickel - Dissolved µg/l	Nickel - Total µg/l
06/06/2017	RG_USGOLD	0.0004	0.0152	< 0.0050	0.00160	0.000521	0.00054	< 0.50	0.82
06/06/2017	RG_USGOLD	0.0018	0.0367	< 0.0050	0.00210	0.000452	0.00046	< 0.50	1.51
06/06/2017	RG_USGOLD	0.0015	0.0440	< 0.0050	0.00300	0.000578	0.00050	< 0.50	1.60
06/13/2017	RG_USGOLD	0.0014	0.0280	0.0025	0.00190	0.000488	0.00055	0.25	1.34
06/13/2017	RG_USGOLD	0.0006	0.0057	< 0.0050	0.00090	0.000479	0.00049	< 0.50	< 0.50
06/13/2017	RG_USGOLD	0.0021	0.0294	< 0.0050	0.00210	0.000516	0.00058	< 0.50	1.50
06/13/2017	RG_USGOLD	0.0015	0.0488	< 0.0050	0.00270	0.000468	0.00057	< 0.50	2.27
06/20/2017	RG_USGOLD	0.0012	0.0100	0.0025	0.00095	0.000530	0.00052	0.25	0.47
06/20/2017	RG_USGOLD	0.0002	0.0024	< 0.0050	0.00067	0.000498	0.00050	< 0.50	< 0.50
06/20/2017	RG_USGOLD	0.0013	0.0080	< 0.0050	0.00083	0.000545	0.00047	< 0.50	< 0.50
06/20/2017	RG_USGOLD	0.0021	0.0197	< 0.0050	0.00135	0.000546	0.00058	< 0.50	0.91
06/27/2017	RG_USGOLD	0.0017	0.0072	0.0025	0.00077	0.000558	0.00055	0.25	0.34
06/27/2017	RG_USGOLD	0.0005	0.0014	< 0.0050	0.00056	0.000492	0.00049	< 0.50	< 0.50
06/27/2017	RG_USGOLD	0.0023	0.0084	< 0.0050	0.00074	0.000523	0.00052	< 0.50	< 0.50
06/27/2017	RG_USGOLD	0.0022	0.0118	< 0.0050	0.00101	0.000658	0.00063	< 0.50	0.52
07/04/2017	RG_USGOLD	0.0009	0.0046	0.0025	0.00066	0.000531	0.00053	0.25	0.25
07/04/2017	RG_USGOLD	0.0006	0.0016	< 0.0050	0.00062	0.000491	0.00050	< 0.50	< 0.50
07/04/2017	RG_USGOLD	0.0012	0.0035	< 0.0050	0.00059	0.000533	0.00056	< 0.50	< 0.50
07/04/2017	RG_USGOLD	0.0010	0.0088	< 0.0050	0.00077	0.000569	0.00053	< 0.50	< 0.50
07/11/2017	RG_USGOLD	0.0007	0.0040	0.0025	0.00054	0.000579	0.00058	0.25	0.25
07/11/2017	RG_USGOLD	0.0006	0.0015	< 0.0050	< 0.00050	0.000528	0.00053	< 0.50	< 0.50
07/11/2017	RG_USGOLD	0.0011	0.0052	< 0.0050	0.00061	0.000591	0.00060	< 0.50	< 0.50
07/11/2017	RG_USGOLD	0.0003	0.0052	< 0.0050	0.00075	0.000619	0.00062	< 0.50	< 0.50
08/08/2017	RG_USGOLD	0.0001	0.0024	0.0025	0.00041	0.000647	0.00069	0.25	0.25
08/08/2017	RG_USGOLD	< 0.00010	0.0013	< 0.0050	< 0.00050	0.000591	0.00069	< 0.50	< 0.50
08/08/2017	RG_USGOLD	< 0.00010	0.0032	< 0.0050	< 0.00050	0.000785	0.00081	< 0.50	< 0.50
08/08/2017	RG_USGOLD	< 0.00010	0.0028	< 0.0050	0.00074	0.000564	0.00058	< 0.50	< 0.50
09/18/2017	RG_USGOLD	0.0001	0.0047	0.0025	0.00025	0.000676	0.00070	0.25	0.25
09/18/2017	RG_USGOLD	< 0.00010	0.0012	< 0.0050	< 0.00050	0.000647	0.00067	< 0.50	< 0.50
09/18/2017	RG_USGOLD	< 0.00010	0.0015	< 0.0050	< 0.00050	0.000674	0.00070	< 0.50	< 0.50
09/18/2017	RG_USGOLD	< 0.00010	0.0114	< 0.0050	< 0.00050	0.000707	0.00072	< 0.50	< 0.50
10/03/2017	RG_USGOLD	0.0004	0.0024	0.0025	0.00025	0.000685	0.00071	0.25	0.25
10/03/2017	RG_USGOLD	0.0011	0.0006	< 0.0050	< 0.00050	0.000650	0.00068	< 0.50	< 0.50
10/03/2017	RG_USGOLD	< 0.00010	0.0011	< 0.0050	< 0.00050	0.000644	0.00068	< 0.50	< 0.50
10/03/2017	RG_USGOLD	0.0001	0.0054	< 0.0050	< 0.00050	0.000760	0.00078	< 0.50	< 0.50
11/08/2017	RG_USGOLD	< 0.00010	0.0017	< 0.0050	< 0.00050	0.000779	0.00080	< 0.50	< 0.50
11/08/2017	RG_USGOLD	< 0.00010	0.0019	< 0.0050	< 0.00050	0.000711	0.00086	< 0.50	< 0.50
11/08/2017	RG_USGOLD	< 0.00010	0.0030	< 0.0050	< 0.00050	0.000727	0.00079	< 0.50	< 0.50
11/08/2017	RG_USGOLD	0.0001	0.0022	0.0025	0.00025	0.000739	0.00082	0.25	0.25
12/05/2017	RG_USGOLD	0.0001	0.0020	< 0.0050	< 0.00050	0.000739	0.00071	< 0.50	< 0.50
12/05/2017	RG_USGOLD	< 0.00010	0.0021	< 0.0050	< 0.00050	0.000730	0.00069	< 0.50	< 0.50
12/05/2017	RG_USGOLD	0.0002	0.0046	< 0.0050	< 0.00050	0.000779	0.00075	< 0.50	< 0.50
12/05/2017	RG_USGOLD	0.0001	0.0029	0.0025	0.00025	0.000749	0.00072	0.25	0.25

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
04/11/2017	RG_BORDER	0.335	0.00157	0.0557	0.0005	7.41	8.24	0.0301	0.880
04/11/2017	RG_BORDER	0.334	0.00170	0.0543	< 0.0010	7.86	8.24	0.0302	0.883
04/11/2017	RG_BORDER	0.335	0.00150	0.0542	< 0.0010	7.84	8.24	0.0297	0.870
04/11/2017	RG_BORDER	0.337	0.00150	0.0585	< 0.0010	6.52	8.25	0.0303	0.886
04/17/2017	RG_BORDER	0.306	0.00080	0.0872	0.0016	7.91	8.26	0.0370	0.877
04/17/2017	RG_BORDER	0.308	< 0.0010	0.0817	0.0014	7.92	8.25	0.0353	0.872
04/17/2017	RG_BORDER	0.306	< 0.0010	0.0874	0.0013	7.91	8.26	0.0341	0.866
04/17/2017	RG_BORDER	0.303	0.00140	0.0925	0.0022	7.90	8.27	0.0417	0.893
04/24/2017	RG_BORDER	0.320	0.00073	0.0910	0.0017	7.63	8.27	0.0476	1.240
04/24/2017	RG_BORDER	0.325	< 0.0010	0.0896	0.0015	7.67	8.24	0.0454	1.110
04/24/2017	RG_BORDER	0.323	< 0.0010	0.0897	0.0015	7.65	8.28	0.0479	1.130
04/24/2017	RG_BORDER	0.313	0.00120	0.0936	0.0022	7.57	8.28	0.0495	1.480
05/02/2017	RG_BORDER	0.309	0.00135	0.0597	0.0033	7.22	8.30	0.0550	0.901
05/02/2017	RG_BORDER	0.320	0.00120	0.0601	0.0032	7.62	8.30	0.0500	0.856
05/02/2017	RG_BORDER	0.298	0.00150	0.0592	0.0034	6.81	8.30	0.0600	0.946
05/09/2017	RG_BORDER	0.330	0.00110	0.0460	0.0034	7.86	8.14	0.0997	0.962
05/09/2017	RG_BORDER	0.328	0.00110	0.0467	0.0037	7.87	8.13	0.0960	0.949
05/09/2017	RG_BORDER	0.330	0.00110	0.0459	0.0034	7.84	8.13	0.0990	0.966
05/09/2017	RG_BORDER	0.333	0.00110	0.0455	0.0031	7.61	8.15	0.1040	0.971
05/16/2017	RG_BORDER	0.306	0.00050	0.0119	0.0031	8.06	8.14	0.0346	0.690
05/16/2017	RG_BORDER	0.304	< 0.0010	0.0119	0.0029	8.05	8.14	0.0323	0.670
05/16/2017	RG_BORDER	0.295	< 0.0010	0.0110	0.0035	8.08	8.13	0.0362	0.717
05/16/2017	RG_BORDER	0.318	< 0.0010	0.0127	0.0029	8.06	8.14	0.0354	0.683
05/23/2017	RG_BORDER	0.350	0.00050	0.0048	0.0023	8.03	8.31	0.0177	0.561
05/23/2017	RG_BORDER	0.354	< 0.0010	0.0053	0.0023	7.83	8.32	0.0162	0.533
05/23/2017	RG_BORDER	0.337	< 0.0010	< 0.0050	0.0023	8.22	8.30	0.0189	0.589
05/23/2017	RG_BORDER	0.360	< 0.0010	0.0065	0.0023		8.32	0.0180	0.562
05/30/2017	RG_BORDER	0.314	0.00050	0.0025	0.0023	8.26	8.15	0.0337	0.669
05/30/2017	RG_BORDER	0.250	< 0.0010	< 0.0050	0.0010	8.28	8.14	0.0260	0.576
05/30/2017	RG_BORDER	0.323	< 0.0010	< 0.0050	0.0031	8.23	8.15	0.0363	0.635
05/30/2017	RG_BORDER	0.369	< 0.0010	< 0.0050	0.0029	8.28	8.16	0.0389	0.795
06/06/2017	RG_BORDER	0.209	0.00077	0.0025	0.0012	8.33	8.17	0.0449	0.662
06/06/2017	RG_BORDER	0.199	0.00130	< 0.0050	< 0.0010	8.47	8.24	0.0140	0.458
06/06/2017	RG_BORDER	0.204	< 0.0010	< 0.0050	0.0015	8.26	8.15	0.0589	0.789
06/06/2017	RG_BORDER	0.225	< 0.0010	< 0.0050	0.0017	8.27	8.13	0.0619	0.740
06/13/2017	RG_BORDER	0.199	0.00050	0.0025	0.0008	8.37	8.25	0.0284	0.606
06/13/2017	RG_BORDER	0.202	< 0.0010	< 0.0050	< 0.0010	8.41	8.28	0.0080	0.447
06/13/2017	RG_BORDER	0.199	< 0.0010	< 0.0050	< 0.0010	8.32	8.23	0.0296	0.637
06/13/2017	RG_BORDER	0.196	< 0.0010	< 0.0050	0.0015	8.39	8.23	0.0477	0.733
06/20/2017	RG_BORDER	0.211	0.00050	0.0057	0.0010	7.99	8.19	0.0154	0.514
06/20/2017	RG_BORDER	0.206	< 0.0010	0.0059	< 0.0010	8.09	8.21	0.0081	0.487
06/20/2017	RG_BORDER	0.182	< 0.0010	0.0053	< 0.0010	7.90	8.18	0.0138	0.499
06/20/2017	RG_BORDER	0.244	< 0.0010	0.0058	0.0019	7.99	8.17	0.0243	0.555
06/27/2017	RG_BORDER	0.236	0.00203	0.0070	0.0010	8.11	8.35	0.0088	0.482
06/27/2017	RG_BORDER	0.185	0.00150	0.0087	< 0.0010	8.35	8.36	0.0040	0.450

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
06/27/2017	RG_BORDER	0.231	< 0.0010	< 0.0050	< 0.0010	8.10	8.35	0.0085	0.449
06/27/2017	RG_BORDER	0.293	0.00410	0.0097	0.0019	7.88	8.34	0.0139	0.546
07/04/2017	RG_BORDER	0.212	0.00080	0.0049	0.0005	7.73	8.28	0.0154	0.433
07/04/2017	RG_BORDER	0.164	0.00140	0.0071	< 0.0010	8.55	8.34	0.0292	0.440
07/04/2017	RG_BORDER	0.155	< 0.0010	< 0.0050	< 0.0010	7.96	8.25	0.0052	0.380
07/04/2017	RG_BORDER	0.318	< 0.0010	0.0051	< 0.0010	6.68	8.24	0.0118	0.479
07/11/2017	RG_BORDER	0.206	0.00093	0.0047	0.0005	8.20	8.24	0.0056	0.384
07/11/2017	RG_BORDER	0.136	0.00180	0.0065	< 0.0010	8.29	8.34	0.0034	0.436
07/11/2017	RG_BORDER	0.174	< 0.0010	< 0.0050	< 0.0010	8.20	8.18	0.0037	0.385
07/11/2017	RG_BORDER	0.308	< 0.0010	0.0052	< 0.0010	8.10	8.19	0.0096	0.332
08/08/2017	RG_BORDER	0.221	0.00157	0.0025	0.0005	8.12	8.27	0.0035	0.459
08/08/2017	RG_BORDER	0.126	0.00140	< 0.0050	< 0.0010	8.67	8.47	0.0024	0.478
08/08/2017	RG_BORDER	0.217	0.00280	< 0.0050	< 0.0010	7.83	8.19	0.0036	0.442
08/08/2017	RG_BORDER	0.319	< 0.0010	< 0.0050	< 0.0010	7.86	8.15	0.0044	0.457
09/18/2017	RG_BORDER	0.191	0.00177	0.0025	0.0005	8.29	8.21	0.0013	0.514
09/18/2017	RG_BORDER	0.117	0.00190	< 0.0050	< 0.0010	8.60	8.25	< 0.0020	0.520
09/18/2017	RG_BORDER	0.137	0.00210	< 0.0050	< 0.0010	8.51	8.25	< 0.0020	0.552
09/18/2017	RG_BORDER	0.320	0.00130	< 0.0050	< 0.0010	7.75	8.14	0.0020	0.469
10/03/2017	RG_BORDER	0.137	0.00190	0.0047	0.0005	8.49	8.30	0.0018	0.544
10/03/2017	RG_BORDER	0.126	0.00190	< 0.0050	< 0.0010	8.57	8.31	0.0022	0.527
10/03/2017	RG_BORDER	0.126	0.00190	< 0.0050	< 0.0010	8.55	8.29	< 0.0020	0.518
10/03/2017	RG_BORDER	0.158	0.00190	0.0092	< 0.0010	8.36	8.31	0.0023	0.587
11/08/2017	RG_BORDER	0.173	0.00130	< 0.0050	< 0.0010	8.41	8.30	0.0061	0.545
11/08/2017	RG_BORDER	0.172	0.00140	< 0.0050	< 0.0010	8.29	8.31	0.0029	0.553
11/08/2017	RG_BORDER	0.168	0.00120	< 0.0050	< 0.0010	8.07	8.30	0.0032	0.556
11/08/2017	RG_BORDER	0.171	0.00130	0.0025	0.0005	8.26	8.30	0.0041	0.551
12/05/2017	RG_BORDER	0.207	0.00140	< 0.0050	< 0.0010	8.17	8.19	0.0026	0.527
12/05/2017	RG_BORDER	0.210	0.00180	< 0.0050	< 0.0010	8.23	8.18	0.0024	0.546
12/05/2017	RG_BORDER	0.231	0.00190	< 0.0050	< 0.0010	7.13	8.19	0.0041	0.593
12/05/2017	RG_BORDER	0.216	0.00170	0.0025	0.0005	7.84	8.19	0.0030	0.555
04/04/2017	RG_DSELK	0.362	0.00130	0.0471	0.0024	7.26	8.23	0.0940	1.160
04/11/2017	RG_DSELK	0.336	0.00150	0.0863	0.0026	7.91	8.23	0.2940	1.290
04/17/2017	RG_DSELK	0.323	0.00120	0.0664	0.0025	7.56	8.16	0.2430	0.805
04/24/2017	RG_DSELK	0.339	0.00140	0.1100	0.0029	7.73	8.31	0.9350	2.150
05/02/2017	RG_DSELK	0.328	0.00130	0.0308	0.0023	8.12	8.33	0.1620	1.120
05/09/2017	RG_DSELK	0.339	0.00110	0.0380	0.0028	8.00	8.19	0.3110	1.260
05/16/2017	RG_DSELK	0.272	< 0.0010	0.0120	0.0023	8.09	8.15	0.0512	0.686
05/23/2017	RG_DSELK	0.211	< 0.0010	0.0076	0.0020	8.05	8.22	0.0706	0.657
05/30/2017	RG_DSELK	0.355	< 0.0010	0.0066	0.0039	8.19	8.11	0.1780	1.090
06/06/2017	RG_DSELK	0.266	0.00050	0.0025	0.0019	7.89	8.25	0.0647	0.676
06/06/2017	RG_DSELK	0.191	< 0.0010	< 0.0050	0.0013	8.10	8.24	0.0574	0.694
06/06/2017	RG_DSELK	0.197	< 0.0010	< 0.0050	0.0017	7.97	8.24	0.0586	0.590
06/06/2017	RG_DSELK	0.409	< 0.0010	< 0.0050	0.0028	7.61	8.27	0.0780	0.744
06/13/2017	RG_DSELK	0.280	0.00050	0.0025	0.0019	8.33	8.25	0.0346	0.610
06/13/2017	RG_DSELK	0.531	< 0.0010	< 0.0050	0.0029	8.36	8.28	0.0327	0.603

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
06/13/2017	RG_DSELK	0.178	< 0.0010	< 0.0050	0.0017	8.30	8.23	0.0356	0.609
06/13/2017	RG_DSELK	0.130	< 0.0010	< 0.0050	0.0012	8.32	8.23	0.0355	0.617
06/20/2017	RG_DSELK	0.209	0.00050	0.0025	0.0014	8.08	8.15	0.0166	0.481
06/20/2017	RG_DSELK	0.162	< 0.0010	< 0.0050	0.0012	8.09	8.13	0.0136	0.419
06/20/2017	RG_DSELK	0.242	< 0.0010	< 0.0050	0.0016	8.08	8.15	0.0176	0.496
06/20/2017	RG_DSELK	0.223	< 0.0010	< 0.0050	0.0015	8.07	8.17	0.0186	0.528
06/27/2017	RG_DSELK	0.177	0.00073	0.0037	0.0005	8.35	8.34	0.0062	0.494
06/27/2017	RG_DSELK	0.166	0.00120	0.0060	< 0.0010	8.45	8.35	0.0037	0.416
06/27/2017	RG_DSELK	0.208	< 0.0010	< 0.0050	< 0.0010	8.31	8.34	0.0069	0.411
06/27/2017	RG_DSELK	0.156	< 0.0010	< 0.0050	< 0.0010	8.30	8.33	0.0081	0.656
07/04/2017	RG_DSELK	0.184	0.00083	0.0046	0.0005	8.42	8.30	0.0060	0.441
07/04/2017	RG_DSELK	0.156	0.00150	0.0052	< 0.0010	8.59	8.34	0.0056	0.462
07/04/2017	RG_DSELK	0.266	< 0.0010	0.0062	< 0.0010	8.38	8.32	0.0044	0.437
07/04/2017	RG_DSELK	0.130	< 0.0010	< 0.0050	< 0.0010	8.28	8.25	0.0081	0.425
07/11/2017	RG_DSELK	0.221	0.00110	0.0025	0.0005	8.44	8.26	0.0043	0.415
07/11/2017	RG_DSELK	0.136	0.00150	< 0.0050	< 0.0010	8.61	8.32	0.0036	0.415
07/11/2017	RG_DSELK	0.365	0.00130	< 0.0050	< 0.0010	8.44	8.26	0.0032	0.457
07/11/2017	RG_DSELK	0.161	< 0.0010	< 0.0050	< 0.0010	8.28	8.20	0.0060	0.372
08/08/2017	RG_DSELK	0.262	0.00125	0.0025	0.0005	8.23	8.26	0.0050	0.480
08/08/2017	RG_DSELK	0.239	0.00150	< 0.0050	< 0.0010	8.49	8.37	0.0027	0.496
08/08/2017	RG_DSELK	0.284	0.00100	< 0.0050	< 0.0010	7.97	8.14	0.0073	0.464
09/18/2017	RG_DSELK	0.168	0.00243	0.0072	0.0005	8.50	8.26	0.0015	0.511
09/18/2017	RG_DSELK	0.145	0.00230	0.0052	< 0.0010	8.57	8.25	< 0.0020	0.510
09/18/2017	RG_DSELK	0.147	0.00240	0.0056	< 0.0010	8.55	8.28	< 0.0020	0.492
09/18/2017	RG_DSELK	0.212	0.00260	0.0107	< 0.0010	8.37	8.24	0.0024	0.532
10/03/2017	RG_DSELK	0.195	0.00197	0.0052	0.0005	8.55	8.32	0.0046	0.553
10/03/2017	RG_DSELK	0.124	0.00180	< 0.0050	< 0.0010	8.61	8.32	0.0078	0.552
10/03/2017	RG_DSELK	0.123	0.00220	0.0054	< 0.0010	8.59	8.31	0.0024	0.518
10/03/2017	RG_DSELK	0.338	0.00190	0.0076	< 0.0010	8.44	8.32	0.0036	0.588
11/08/2017	RG_DSELK	0.176	0.00120	0.0058	< 0.0010	8.50	8.31	0.0043	0.575
11/08/2017	RG_DSELK	0.202	< 0.0010	0.0073	< 0.0010	8.48	8.32	0.0073	0.639
11/08/2017	RG_DSELK	0.210	< 0.0010	0.0075	< 0.0010	8.47	8.36	0.0042	0.648
11/08/2017	RG_DSELK	0.196	0.00073	0.0069	0.0005	8.48	8.33	0.0053	0.621
12/05/2017	RG_DSELK	0.262	0.00190	0.0069	0.0016	8.21	8.17	0.0092	0.576
12/05/2017	RG_DSELK	0.339	0.00150	0.0052	< 0.0010	8.24	8.21	0.0055	0.634
12/05/2017	RG_DSELK	0.499	0.00120	0.0058	< 0.0010	8.02	8.22	0.0050	0.628
12/05/2017	RG_DSELK	0.367	0.00153	0.0060	0.0009	8.16	8.20	0.0066	0.613
01/03/2017	RG_ELKMOUTH	1.590	0.00420	0.0222	0.0022	8.57	8.37	0.0056	0.639
02/08/2017	RG_ELKMOUTH	1.470	0.00630	0.0137	0.0025	7.87	8.34	0.0056	0.688
03/07/2017	RG_ELKMOUTH	1.350	0.00620	0.0077	0.0020	8.24	8.38	0.0052	0.581
03/14/2017	RG_ELKMOUTH	1.330	0.00580	0.0124	0.0020	7.89	8.30	0.0097	0.638
03/21/2017	RG_ELKMOUTH	0.665	0.00500	0.0140	0.0052	7.92	8.29	0.0804	0.861
03/28/2017	RG_ELKMOUTH	0.829	0.00120	< 0.0050	0.0020	8.42	8.40	0.0142	0.680
04/04/2017	RG_ELKMOUTH	0.778	< 0.0010	< 0.0050	< 0.0010	8.44	8.39	0.0133	0.682
04/11/2017	RG_ELKMOUTH	0.795	< 0.0010	< 0.0050	< 0.0010	8.95	8.29	0.0137	0.629

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
04/18/2017	RG_ELKMOUTH	0.863	< 0.0010	< 0.0050	0.0012	8.56	8.31	0.0056	0.634
04/25/2017	RG_ELKMOUTH	0.850	0.00120	< 0.0050	< 0.0010	8.44	8.39	0.0356	0.782
05/01/2017	RG_ELKMOUTH	0.835	< 0.0010	< 0.0050	< 0.0010	8.45	8.38	0.0189	0.619
05/09/2017	RG_ELKMOUTH	0.813	0.00160	0.0091	0.0057	8.33	8.35	0.0676	0.863
05/16/2017	RG_ELKMOUTH	0.876	< 0.0010	0.0063	0.0052	8.37	8.27	0.0496	0.727
05/23/2017	RG_ELKMOUTH	0.717	< 0.0010	< 0.0050	0.0064	8.28	8.25	0.0922	0.806
05/30/2017	RG_ELKMOUTH	0.662	< 0.0010	0.0066	0.0073	8.25	8.16	0.2340	1.120
06/06/2017	RG_ELKMOUTH	0.711	< 0.0010	< 0.0050	0.0061	8.29	8.23	0.1470	1.030
06/13/2017	RG_ELKMOUTH	0.825	< 0.0010	< 0.0050	0.0041	8.33	8.33	0.0556	0.648
06/20/2017	RG_ELKMOUTH	0.734	< 0.0010	0.0051	0.0016	8.29	8.27	0.0312	0.656
06/27/2017	RG_ELKMOUTH	0.738	0.00100	< 0.0050	0.0010	8.35	8.24	0.0211	0.561
07/04/2017	RG_ELKMOUTH	0.780	< 0.0010	< 0.0050	< 0.0010	8.21	8.33	0.0082	0.547
07/11/2017	RG_ELKMOUTH	0.855	0.00160	< 0.0050	< 0.0010	8.53	8.42	0.0037	0.474
08/01/2017	RG_ELKMOUTH	1.080	0.00240	< 0.0050	< 0.0010	8.30	8.35	0.0045	0.594
09/19/2017	RG_ELKMOUTH	1.230	0.00310	< 0.0050	< 0.0010	8.35	8.37	0.0031	0.612
10/03/2017	RG_ELKMOUTH	1.160	0.00130	< 0.0050	< 0.0010	8.20	8.39	< 0.0020	0.615
11/08/2017	RG_ELKMOUTH	1.240	0.00170	< 0.0050	< 0.0010	8.32	8.38	0.0037	0.619
12/05/2017	RG_ELKMOUTH	1.140	0.00110	< 0.0050	< 0.0010	8.32	8.25	0.0026	0.540
04/04/2017	RG_GRASMERE	0.340	0.00145	0.0517	0.0023	7.93	8.27	0.0395	0.936
04/04/2017	RG_GRASMERE	0.344	0.00140	0.0519	0.0026	7.99	8.26	0.0383	0.941
04/04/2017	RG_GRASMERE	0.335	0.00150	0.0515	0.0020	7.86	8.27	0.0407	0.930
04/11/2017	RG_GRASMERE	0.336	0.00120	0.0780	0.0028	7.96	8.25	0.0639	1.010
04/17/2017	RG_GRASMERE	0.325	< 0.0010	0.0732	0.0020	7.93	8.27	0.0673	0.975
04/24/2017	RG_GRASMERE	0.324	0.00290	0.1460	0.0017	7.73	8.31	0.0584	1.060
05/02/2017	RG_GRASMERE	0.327	0.00200	0.0487	0.0032	8.03	8.30	0.4510	1.780
05/09/2017	RG_GRASMERE	0.346	< 0.0010	0.0380	0.0028	8.03	8.18	0.2840	1.210
05/16/2017	RG_GRASMERE	0.295	< 0.0010	0.0110	0.0024	8.09	8.15	0.0204	0.648
05/23/2017	RG_GRASMERE	0.229	< 0.0010	0.0060	0.0020	7.92	8.24	0.0272	0.575
05/30/2017	RG_GRASMERE	0.171	< 0.0010	< 0.0050	0.0021	8.21	8.11	0.0640	0.710
06/06/2017	RG_GRASMERE	0.204	0.00050	0.0025	0.0017	8.29	8.18	0.0512	0.678
06/06/2017	RG_GRASMERE	0.127	< 0.0010	< 0.0050	0.0011	8.33	8.24	0.0348	0.573
06/06/2017	RG_GRASMERE	0.187	< 0.0010	< 0.0050	0.0015	8.32	8.14	0.0529	0.879
06/06/2017	RG_GRASMERE	0.297	< 0.0010	< 0.0050	0.0024	8.23	8.15	0.0658	0.582
06/13/2017	RG_GRASMERE	0.227	0.00050	0.0025	0.0011	8.36	8.25	0.0354	0.610
06/13/2017	RG_GRASMERE	0.285	< 0.0010	< 0.0050	< 0.0010	8.47	8.27	0.0243	0.546
06/13/2017	RG_GRASMERE	0.217	< 0.0010	< 0.0050	0.0013	8.33	8.24	0.0363	0.635
06/13/2017	RG_GRASMERE	0.179	< 0.0010	< 0.0050	0.0016	8.29	8.24	0.0455	0.648
06/20/2017	RG_GRASMERE	0.219	0.00050	0.0053	0.0015	8.09	8.17	0.0167	0.503
06/20/2017	RG_GRASMERE	0.197	< 0.0010	0.0110	0.0016	8.17	8.18	0.0153	0.476
06/20/2017	RG_GRASMERE	0.174	< 0.0010	< 0.0050	0.0013	8.05	8.16	0.0129	0.493
06/20/2017	RG_GRASMERE	0.287	< 0.0010	< 0.0050	0.0017	8.05	8.17	0.0219	0.541
06/27/2017	RG_GRASMERE	0.234	0.00050	0.0041	0.0009	8.36	8.35	0.0069	0.421
06/27/2017	RG_GRASMERE	0.162	< 0.0010	0.0072	< 0.0010	8.46	8.34	0.0046	0.421
06/27/2017	RG_GRASMERE	0.239	< 0.0010	< 0.0050	< 0.0010	8.34	8.35	0.0054	0.413
06/27/2017	RG_GRASMERE	0.302	< 0.0010	< 0.0050	0.0017	8.27	8.36	0.0108	0.430

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
07/04/2017	RG_GRASMERE	0.166	0.00077	0.0045	0.0005	8.42	8.32	0.0121	0.423
07/04/2017	RG_GRASMERE	0.150	0.00130	0.0085	< 0.0010	8.58	8.36	0.0237	0.437
07/04/2017	RG_GRASMERE	0.153	< 0.0010	< 0.0050	< 0.0010	8.41	8.33	0.0046	0.424
07/04/2017	RG_GRASMERE	0.194	< 0.0010	< 0.0050	< 0.0010	8.28	8.26	0.0081	0.408
07/11/2017	RG_GRASMERE	0.152	0.00123	0.0072	0.0005	8.37	8.21	0.0059	0.401
07/11/2017	RG_GRASMERE	0.135	0.00150	0.0126	< 0.0010	8.64	8.30	0.0048	0.409
07/11/2017	RG_GRASMERE	0.096	< 0.0010	< 0.0050	< 0.0010	8.25	8.15	0.0055	0.387
07/11/2017	RG_GRASMERE	0.226	0.00170	0.0066	< 0.0010	8.21	8.19	0.0074	0.406
08/08/2017	RG_GRASMERE	0.200	0.00120	0.0025	0.0005	8.35	8.34	0.0017	0.479
08/08/2017	RG_GRASMERE	0.146	0.00130	< 0.0050	< 0.0010	8.61	8.42	< 0.0020	0.454
08/08/2017	RG_GRASMERE	0.253	0.00110	< 0.0050	< 0.0010	8.09	8.25	0.0023	0.504
09/18/2017	RG_GRASMERE	0.161	0.00243	0.0043	0.0005	8.52	8.29	0.0032	0.504
09/18/2017	RG_GRASMERE	0.131	0.00210	< 0.0050	< 0.0010	8.58	8.28	0.0077	0.492
09/18/2017	RG_GRASMERE	0.136	0.00230	< 0.0050	< 0.0010	8.57	8.33	< 0.0020	0.500
09/18/2017	RG_GRASMERE	0.216	0.00290	0.0079	< 0.0010	8.41	8.25	< 0.0020	0.519
10/03/2017	RG_GRASMERE	0.145	0.00200	0.0037	0.0005	8.55	8.33	0.0019	0.529
10/03/2017	RG_GRASMERE	0.127	0.00220	< 0.0050	< 0.0010	8.57	8.33	< 0.0020	0.514
10/03/2017	RG_GRASMERE	0.127	0.00190	< 0.0050	< 0.0010	8.56	8.32	0.0024	0.520
10/03/2017	RG_GRASMERE	0.182	0.00190	0.0060	< 0.0010	8.51	8.33	0.0024	0.553
11/08/2017	RG_GRASMERE	0.174	0.00130	< 0.0050	< 0.0010	8.52	8.33	0.0070	0.570
11/08/2017	RG_GRASMERE	0.172	0.00120	0.0050	< 0.0010	8.50	8.32	0.0037	0.722
11/08/2017	RG_GRASMERE	0.192	< 0.0010	0.0072	< 0.0010	8.47	8.31	0.0037	0.579
11/08/2017	RG_GRASMERE	0.179	0.00100	0.0049	0.0005	8.50	8.32	0.0048	0.624
12/05/2017	RG_GRASMERE	0.217	0.00220	< 0.0050	< 0.0010	8.23	8.25	0.0050	0.563
12/05/2017	RG_GRASMERE	0.245	0.00180	0.0176	< 0.0010	8.30	8.20	0.0073	0.607
12/05/2017	RG_GRASMERE	0.183	0.00120	< 0.0050	< 0.0010	8.28	8.22	0.0048	0.658
12/05/2017	RG_GRASMERE	0.215	0.00173	0.0075	0.0005	8.27	8.22	0.0057	0.609
04/24/2017	RG_KERRRD	0.083	< 0.0010	0.0075	0.0013	8.03	8.34	0.0570	0.902
05/02/2017	RG_KERRRD	0.079	< 0.0010	< 0.0050	0.0010	8.29	8.34	0.0208	0.702
05/09/2017	RG_KERRRD	0.215	< 0.0010	0.0098	0.0015	8.11	8.22	0.1020	0.793
05/16/2017	RG_KERRRD	0.190	< 0.0010	< 0.0050	0.0012	8.15	8.15	0.0278	0.622
05/23/2017	RG_KERRRD	0.165	< 0.0010	< 0.0050	0.0013	8.02	8.21	0.0983	0.792
05/30/2017	RG_KERRRD	0.132	< 0.0010	0.0051	0.0015	8.22	8.02	0.1490	0.831
06/06/2017	RG_KERRRD	0.100	0.00050	0.0025	0.0009	8.23	8.18	0.0565	0.698
06/06/2017	RG_KERRRD	0.100	< 0.0010	< 0.0050	0.0012	8.23	8.13	0.0513	0.683
06/06/2017	RG_KERRRD	0.100	< 0.0010	< 0.0050	< 0.0010	8.22	8.22	0.0616	0.713
06/13/2017	RG_KERRRD	0.094	0.00050	0.0025	0.0079	8.33	8.24	0.0296	0.570
06/13/2017	RG_KERRRD	0.094	< 0.0010	< 0.0050	< 0.0010	8.26	8.24	0.0308	0.565
06/13/2017	RG_KERRRD	0.093	< 0.0010	< 0.0050	0.0153	8.40	8.23	0.0284	0.575
06/20/2017	RG_KERRRD	0.089	0.00050	0.0025	0.0012	8.06	8.13	0.0153	0.454
06/20/2017	RG_KERRRD	0.089	< 0.0010	< 0.0050	0.0010	8.07	8.14	0.0137	0.457
06/20/2017	RG_KERRRD	0.090	< 0.0010	< 0.0050	0.0013	8.06	8.13	0.0162	0.453
06/20/2017	RG_KERRRD	0.088	< 0.0010	< 0.0050	0.0012	8.05	8.13	0.0160	0.451
06/27/2017	RG_KERRRD	0.080	0.00050	0.0025	0.0005	8.23	8.32	0.0077	0.412
06/27/2017	RG_KERRRD	0.081	< 0.0010	< 0.0050	< 0.0010	8.24	8.32	0.0075	0.403

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
06/27/2017	RG_KERRRD	0.079	< 0.0010	< 0.0050	< 0.0010	8.23	8.32	0.0076	0.418
06/27/2017	RG_KERRRD	0.078	< 0.0010	< 0.0050	< 0.0010	8.22	8.32	0.0081	0.414
07/04/2017	RG_KERRRD	0.077	0.00050	0.0025	0.0005	8.31	8.25	0.0057	0.418
07/04/2017	RG_KERRRD	0.093	< 0.0010	< 0.0050	< 0.0010	8.40	8.28	0.0051	0.421
07/04/2017	RG_KERRRD	0.068	< 0.0010	< 0.0050	< 0.0010	8.27	8.23	0.0069	0.405
07/04/2017	RG_KERRRD	0.069	< 0.0010	< 0.0050	< 0.0010	8.27	8.23	0.0052	0.427
07/11/2017	RG_KERRRD	0.073	0.00073	0.0038	0.0005	8.38	8.23	0.0049	0.407
07/11/2017	RG_KERRRD	0.098	0.00120	0.0065	< 0.0010	8.54	8.27	0.0041	0.437
07/11/2017	RG_KERRRD	0.056	< 0.0010	< 0.0050	< 0.0010	8.32	8.20	0.0046	0.392
07/11/2017	RG_KERRRD	0.064	< 0.0010	< 0.0050	< 0.0010	8.28	8.21	0.0060	0.391
08/08/2017	RG_KERRRD	0.075	0.00167	0.0085	0.0005	8.29	8.27	0.0031	0.525
08/08/2017	RG_KERRRD	0.054	0.00120	< 0.0050	< 0.0010	8.51	8.38	0.0023	0.515
08/08/2017	RG_KERRRD	0.059	< 0.0010	< 0.0050	< 0.0010	8.31	8.28	0.0036	0.541
08/08/2017	RG_KERRRD	0.111	0.00330	0.0206	< 0.0010	8.05	8.15	0.0035	0.519
09/18/2017	RG_KERRRD	0.057	0.00143	0.0053	0.0005	8.53	8.24	0.0021	0.517
09/18/2017	RG_KERRRD	0.060	0.00150	< 0.0050	< 0.0010	8.60	8.22	0.0022	0.493
09/18/2017	RG_KERRRD	0.060	0.00170	0.0053	< 0.0010	8.60	8.24	< 0.0020	0.506
09/18/2017	RG_KERRRD	0.052	0.00110	0.0080	< 0.0010	8.39	8.26	0.0030	0.551
10/03/2017	RG_KERRRD	0.097	0.00160	0.0034	0.0005	8.52	8.32	0.0022	0.578
10/03/2017	RG_KERRRD	0.115	0.00220	< 0.0050	< 0.0010	8.59	8.34	0.0023	0.519
10/03/2017	RG_KERRRD	0.112	0.00210	< 0.0050	< 0.0010	8.59	8.30	< 0.0020	0.553
10/03/2017	RG_KERRRD	0.063	< 0.0010	0.0052	< 0.0010	8.38	8.31	0.0033	0.662
11/08/2017	RG_KERRRD	0.074	< 0.0010	0.0099	< 0.0010	8.41	8.34	0.0047	0.623
11/08/2017	RG_KERRRD	0.072	< 0.0010	0.0107	< 0.0010	8.44	8.31	0.0031	0.705
11/08/2017	RG_KERRRD	0.071	< 0.0010	0.0114	< 0.0010	8.43	8.31	0.0035	0.729
11/08/2017	RG_KERRRD	0.072	0.00050	0.0107	0.0005	8.43	8.32	0.0038	0.686
12/05/2017	RG_KERRRD	0.104	0.00110	0.0054	< 0.0010	7.94	8.16	0.0069	0.656
12/05/2017	RG_KERRRD	0.103	0.00130	0.0062	< 0.0010	7.88	8.17	0.0058	0.672
12/05/2017	RG_KERRRD	0.101	0.00100	0.0056	< 0.0010	7.11	8.18	0.0059	0.678
12/05/2017	RG_KERRRD	0.103	0.00113	0.0057	0.0005	7.64	8.17	0.0062	0.669
04/04/2017	RG_USGOLD	0.361	0.00150	0.0442	0.0026	8.04	8.25	0.0259	0.870
04/04/2017	RG_USGOLD	0.366	0.00140	0.0426	0.0027	8.07	8.25	0.0243	0.865
04/04/2017	RG_USGOLD	0.356	0.00160	0.0457	0.0025	8.01	8.25	0.0274	0.874
04/11/2017	RG_USGOLD	0.328	0.00130	0.0785	0.0029	7.95	8.25	0.0568	0.842
04/17/2017	RG_USGOLD	0.323	< 0.0010	0.0735	0.0026	8.00	8.31	0.0616	0.842
04/24/2017	RG_USGOLD	0.340	0.00100	0.0993	0.0029	7.71	8.28	0.1950	1.460
05/02/2017	RG_USGOLD	0.404	0.00160	0.0426	0.0041	7.96	8.28	0.1310	1.310
05/09/2017	RG_USGOLD	0.344	< 0.0010	0.0367	0.0028	8.02	8.20	0.0970	0.886
05/16/2017	RG_USGOLD	0.313	< 0.0010	0.0108	0.0024	8.10	8.14	0.0266	0.618
05/23/2017	RG_USGOLD	0.280	< 0.0010	0.0059	0.0024	8.11	8.24	0.0396	0.584
05/30/2017	RG_USGOLD	0.369	0.00050	0.0033	0.0037	8.26	8.13	0.0699	0.758
05/30/2017	RG_USGOLD	0.411	< 0.0010	< 0.0050	0.0042	8.22	8.13	0.0568	0.731
05/30/2017	RG_USGOLD	0.385	< 0.0010	< 0.0050	0.0035	8.27	8.12	0.0718	0.772
05/30/2017	RG_USGOLD	0.312	< 0.0010	0.0050	0.0033	8.28	8.15	0.0810	0.770
06/06/2017	RG_USGOLD	0.255	0.00050	0.0025	0.0016	8.37	8.14	0.0569	0.670

Sample Date	Location	Nitrate Nitrogen (NO3), As N mg/l	Nitrite Nitrogen (NO2), As N mg/l	Nitrogen, Ammonia (As N) mg/l	Ortho-Phosphate - mg/l	Ph, Field Ph Units	Ph, Lab Ph Units	Phosphorus mg/l	Potassium - Total mg/l
06/06/2017	RG_USGOLD	0.237	< 0.0010	< 0.0050	0.0011	8.47	8.18	0.0411	0.595
06/06/2017	RG_USGOLD	0.133	< 0.0010	< 0.0050	0.0012	8.38	8.13	0.0530	0.675
06/06/2017	RG_USGOLD	0.394	< 0.0010	< 0.0050	0.0025	8.26	8.11	0.0767	0.739
06/13/2017	RG_USGOLD	0.207	0.00050	0.0025	0.0011	8.33	8.25	0.0294	0.568
06/13/2017	RG_USGOLD	0.193	< 0.0010	< 0.0050	< 0.0010	8.43	8.28	0.0102	0.442
06/13/2017	RG_USGOLD	0.265	< 0.0010	< 0.0050	0.0011	8.31	8.25	0.0314	0.589
06/13/2017	RG_USGOLD	0.163	< 0.0010	< 0.0050	0.0017	8.26	8.23	0.0466	0.672
06/20/2017	RG_USGOLD	0.226	0.00067	0.0059	0.0013	8.09	8.18	0.0171	0.500
06/20/2017	RG_USGOLD	0.199	0.00100	0.0076	0.0012	8.19	8.23	0.0215	0.476
06/20/2017	RG_USGOLD	0.184	< 0.0010	0.0077	< 0.0010	8.07	8.16	0.0098	0.473
06/20/2017	RG_USGOLD	0.295	< 0.0010	< 0.0050	0.0023	8.01	8.16	0.0200	0.552
06/27/2017	RG_USGOLD	0.240	0.00070	0.0045	0.0010	8.33	8.35	0.0079	0.428
06/27/2017	RG_USGOLD	0.176	0.00110	0.0053	< 0.0010	8.48	8.35	0.0033	0.432
06/27/2017	RG_USGOLD	0.176	< 0.0010	< 0.0050	< 0.0010	8.31	8.34	0.0079	0.404
06/27/2017	RG_USGOLD	0.369	< 0.0010	0.0058	0.0019	8.19	8.37	0.0125	0.448
07/04/2017	RG_USGOLD	0.176	0.00090	0.0041	0.0005	8.42	8.30	0.0074	0.423
07/04/2017	RG_USGOLD	0.157	0.00170	0.0074	< 0.0010	8.61	8.36	0.0093	0.450
07/04/2017	RG_USGOLD	0.185	< 0.0010	< 0.0050	< 0.0010	8.35	8.29	0.0041	0.409
07/04/2017	RG_USGOLD	0.185	< 0.0010	< 0.0050	< 0.0010	8.30	8.26	0.0088	0.410
07/11/2017	RG_USGOLD	0.192	0.00227	0.0054	0.0005	8.37	8.24	0.0048	0.412
07/11/2017	RG_USGOLD	0.127	0.00190	< 0.0050	< 0.0010	8.66	8.34	0.0033	0.437
07/11/2017	RG_USGOLD	0.132	< 0.0010	0.0074	< 0.0010	8.25	8.18	0.0050	0.387
07/11/2017	RG_USGOLD	0.317	0.00440	0.0064	< 0.0010	8.21	8.19	0.0062	0.411
08/08/2017	RG_USGOLD	0.289	0.00127	0.0025	0.0005	8.31	8.30	0.0028	0.487
08/08/2017	RG_USGOLD	0.147	0.00120	< 0.0050	< 0.0010	8.61	8.43	< 0.0020	0.498
08/08/2017	RG_USGOLD	0.423	0.00210	< 0.0050	< 0.0010	8.35	8.32	0.0032	0.531
08/08/2017	RG_USGOLD	0.297	< 0.0010	< 0.0050	< 0.0010	7.96	8.15	0.0041	0.433
09/18/2017	RG_USGOLD	0.208	0.00253	0.0066	0.0005	8.44	8.27	0.0022	0.502
09/18/2017	RG_USGOLD	0.118	0.00200	0.0051	< 0.0010	8.62	8.35	< 0.0020	0.485
09/18/2017	RG_USGOLD	0.134	0.00210	0.0055	< 0.0010	8.58	8.26	< 0.0020	0.523
09/18/2017	RG_USGOLD	0.373	0.00350	0.0091	< 0.0010	8.11	8.19	0.0047	0.498
10/03/2017	RG_USGOLD	0.139	0.00183	0.0049	0.0005	8.49	8.34	0.0018	0.558
10/03/2017	RG_USGOLD	0.126	0.00200	< 0.0050	< 0.0010	8.57	8.34	< 0.0020	0.528
10/03/2017	RG_USGOLD	0.125	0.00200	< 0.0050	< 0.0010	8.55	8.33	< 0.0020	0.524
10/03/2017	RG_USGOLD	0.167	0.00150	0.0096	< 0.0010	8.35	8.35	0.0035	0.621
11/08/2017	RG_USGOLD	0.174	< 0.0010	< 0.0050	< 0.0010	8.51	8.31	0.0029	0.571
11/08/2017	RG_USGOLD	0.175	< 0.0010	0.0054	< 0.0010	8.50	8.30	0.0020	0.587
11/08/2017	RG_USGOLD	0.170	< 0.0010	0.0383	< 0.0010	8.45	8.34	0.0042	0.589
11/08/2017	RG_USGOLD	0.173	0.00050	0.0154	0.0005	8.49	8.32	0.0030	0.582
12/05/2017	RG_USGOLD	0.213	0.00200	< 0.0050	< 0.0010	8.28	8.22	0.0037	0.552
12/05/2017	RG_USGOLD	0.219	0.00230	< 0.0050	< 0.0010	8.27	8.23	0.0034	0.563
12/05/2017	RG_USGOLD	0.272	0.00150	0.0075	< 0.0010	8.23	8.24	0.0044	0.625
12/05/2017	RG_USGOLD	0.235	0.00193	0.0042	0.0005	8.26	8.23	0.0038	0.580

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
04/11/2017	RG_BORDER	1.51	1.44	0.005	0.009	4.74	333.2	0.143	0.155
04/11/2017	RG_BORDER	1.43	1.41	< 0.010	< 0.010	4.77	331.7	0.145	0.155
04/11/2017	RG_BORDER	1.50	1.45	< 0.010	< 0.010	4.75	332.0	0.145	0.155
04/11/2017	RG_BORDER	1.61	1.45	< 0.010	0.017	4.69	335.8	0.140	0.155
04/17/2017	RG_BORDER	1.43	1.45	0.005	0.057	4.68	324.8	0.134	0.152
04/17/2017	RG_BORDER	1.48	1.46	< 0.010	< 0.010	4.65	324.6	0.135	0.161
04/17/2017	RG_BORDER	1.39	1.45	< 0.010	0.160	4.72	324.5	0.132	0.146
04/17/2017	RG_BORDER	1.43	1.43	< 0.010	< 0.010	4.66	325.4	0.135	0.150
04/24/2017	RG_BORDER	1.58	1.67	0.005	0.012	4.11	316.0	0.142	0.163
04/24/2017	RG_BORDER	1.59	1.68	< 0.010	0.012	4.07	318.4	0.141	0.164
04/24/2017	RG_BORDER	1.58	1.70	< 0.010	0.010	4.20	318.1	0.139	0.161
04/24/2017	RG_BORDER	1.57	1.63	< 0.010	0.015	4.05	311.5	0.147	0.163
05/02/2017	RG_BORDER	1.43	1.42	0.005	0.005	3.69	298.3	0.134	0.147
05/02/2017	RG_BORDER	1.51	1.47	< 0.010	< 0.010	3.66	303.4	0.140	0.148
05/02/2017	RG_BORDER	1.35	1.36	< 0.010	< 0.010	3.71	293.2	0.127	0.145
05/09/2017	RG_BORDER	1.01	0.99	0.005	0.016	1.92	224.8	0.108	0.136
05/09/2017	RG_BORDER	1.04	0.96	< 0.010	0.015	1.93	224.5	0.105	0.134
05/09/2017	RG_BORDER	0.98	1.04	< 0.010	0.017	1.92	225.0	0.113	0.137
05/09/2017	RG_BORDER	1.00	0.97	< 0.010	0.017	1.90	226.2	0.105	0.136
05/16/2017	RG_BORDER	0.84	0.87	0.005	0.005	1.62	216.5	0.105	0.112
05/16/2017	RG_BORDER	0.83	0.90	< 0.010	< 0.010	1.64	216.9	0.119	0.109
05/16/2017	RG_BORDER	0.81	0.82	< 0.010	< 0.010	1.62	215.4	0.096	0.110
05/16/2017	RG_BORDER	0.88	0.88	< 0.010	< 0.010	1.61	217.2	0.101	0.116
05/23/2017	RG_BORDER	1.19	1.21	0.005	0.005	2.11	237.1	0.109	0.121
05/23/2017	RG_BORDER	1.22	1.26	< 0.010	< 0.010	2.11	236.2	0.111	0.120
05/23/2017	RG_BORDER	1.10	1.13	< 0.010	< 0.010	2.11	238.0	0.107	0.120
05/23/2017	RG_BORDER	1.26	1.24	< 0.010	< 0.010	2.11		0.109	0.123
05/30/2017	RG_BORDER	1.00	0.97	0.005	0.005	1.58	219.8	0.101	0.105
05/30/2017	RG_BORDER	0.74	0.71	< 0.010	< 0.010	1.64	208.1	0.098	0.099
05/30/2017	RG_BORDER	1.00	0.98	< 0.010	< 0.010	1.55	219.1	0.102	0.106
05/30/2017	RG_BORDER	1.27	1.24	< 0.010	< 0.010	1.56	232.1	0.102	0.110
06/06/2017	RG_BORDER	0.74	0.69	0.005	0.005	1.35	203.3	0.089	0.106
06/06/2017	RG_BORDER	0.88	0.80	< 0.010	< 0.010	1.57	221.9	0.092	0.096
06/06/2017	RG_BORDER	0.60	0.56	< 0.010	< 0.010	1.27	188.1	0.088	0.111
06/06/2017	RG_BORDER	0.74	0.72	< 0.010	< 0.010	1.20	199.8	0.088	0.111
06/13/2017	RG_BORDER	0.65	0.68	0.005	0.005	1.31	192.2	0.093	0.102
06/13/2017	RG_BORDER	0.74	0.77	< 0.010	< 0.010	1.50	205.9	0.098	0.097
06/13/2017	RG_BORDER	0.67	0.67	< 0.010	< 0.010	1.23	184.4	0.090	0.101
06/13/2017	RG_BORDER	0.55	0.61	< 0.010	< 0.010	1.21	186.2	0.091	0.109
06/20/2017	RG_BORDER	0.78	0.76	0.005	0.005	1.37	213.1	0.093	0.103
06/20/2017	RG_BORDER	0.85	0.82	< 0.010	< 0.010	1.44	210.8	0.089	0.094
06/20/2017	RG_BORDER	0.60	0.61	< 0.010	< 0.010	1.37	208.8	0.095	0.103
06/20/2017	RG_BORDER	0.91	0.86	< 0.010	< 0.010	1.31	219.6	0.095	0.111
06/27/2017	RG_BORDER	0.80	0.87	0.005	0.005	1.63	204.5	0.107	0.103
06/27/2017	RG_BORDER	0.73	0.79	< 0.010	< 0.010	1.57	200.5	0.102	0.095

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
06/27/2017	RG_BORDER	0.75	0.83	< 0.010	< 0.010	1.66	207.8	0.112	0.108
06/27/2017	RG_BORDER	0.93	0.98	< 0.010	< 0.010	1.67	205.2	0.108	0.105
07/04/2017	RG_BORDER	0.75	0.83	0.005	0.005	1.54	241.2	0.102	0.105
07/04/2017	RG_BORDER	0.73	0.80	< 0.010	< 0.010	1.57	202.4	0.100	0.099
07/04/2017	RG_BORDER	0.53	0.62	< 0.010	< 0.010	1.64	200.5	0.103	0.108
07/04/2017	RG_BORDER	0.98	1.09	< 0.010	< 0.010	1.42	320.8	0.102	0.109
07/11/2017	RG_BORDER	0.76	0.84	0.005	0.005	1.68	211.0	0.105	0.106
07/11/2017	RG_BORDER	0.78	0.79	< 0.010	< 0.010	1.78	209.5	0.104	0.100
07/11/2017	RG_BORDER	0.63	0.67	< 0.010	< 0.010	1.93	208.8	0.108	0.110
07/11/2017	RG_BORDER	0.89	1.07	< 0.010	< 0.010	1.33	214.7	0.104	0.107
08/08/2017	RG_BORDER	0.97	0.97	0.005	0.005	1.75	222.0	0.106	0.111
08/08/2017	RG_BORDER	0.98	0.96	< 0.010	< 0.010	1.91	226.2	0.109	0.113
08/08/2017	RG_BORDER	0.84	0.91	< 0.010	< 0.010	1.84	218.6	0.107	0.111
08/08/2017	RG_BORDER	1.10	1.04	< 0.010	< 0.010	1.50	221.2	0.103	0.108
09/18/2017	RG_BORDER	0.99	0.96	0.005	0.005	2.35	240.3	0.118	0.116
09/18/2017	RG_BORDER	0.96	0.92	< 0.010	< 0.010	2.67	248.1	0.124	0.121
09/18/2017	RG_BORDER	1.01	1.01	< 0.010	< 0.010	2.81	252.4	0.127	0.125
09/18/2017	RG_BORDER	0.98	0.96	< 0.010	< 0.010	1.58	220.3	0.102	0.102
10/03/2017	RG_BORDER	0.91	0.96	0.005	0.005	3.23	263.6	0.133	0.131
10/03/2017	RG_BORDER	0.90	0.95	< 0.010	< 0.010	2.81	249.6	0.122	0.122
10/03/2017	RG_BORDER	0.95	1.02	< 0.010	< 0.010	2.78	250.3	0.125	0.122
10/03/2017	RG_BORDER	0.88	0.91	< 0.010	< 0.010	4.10	290.8	0.153	0.148
11/08/2017	RG_BORDER	1.06	1.07	< 0.010	< 0.010	3.19	261.7	0.133	0.143
11/08/2017	RG_BORDER	1.09	1.14	< 0.010	< 0.010	3.31	260.2	0.132	0.150
11/08/2017	RG_BORDER	1.18	1.23	< 0.010	< 0.010	3.48	266.5	0.135	0.152
11/08/2017	RG_BORDER	1.11	1.15	0.005	0.005	3.33	262.8	0.133	0.148
12/05/2017	RG_BORDER	1.13	1.11	< 0.010	< 0.010	3.28	264.4	0.124	0.134
12/05/2017	RG_BORDER	1.08	1.08	< 0.010	< 0.010	3.42	268.9	0.145	0.133
12/05/2017	RG_BORDER	1.21	1.17	< 0.010	< 0.010	4.61	292.3	0.161	0.144
12/05/2017	RG_BORDER	1.14	1.12	0.005	0.005	3.77	275.2	0.143	0.137
04/04/2017	RG_DSELK	1.77	1.77	< 0.010	0.023	4.99	346.9	0.160	0.198
04/11/2017	RG_DSELK	1.52	1.51	< 0.010	0.032	4.43	323.6	0.150	0.208
04/17/2017	RG_DSELK	1.56	1.57	< 0.010	< 0.010	4.88	337.4	0.143	0.237
04/24/2017	RG_DSELK	1.47	1.61	< 0.010	0.091	4.10	309.1	0.133	0.274
05/02/2017	RG_DSELK	1.51	1.60	< 0.010	0.027	3.87	308.4	0.144	0.200
05/09/2017	RG_DSELK	0.91	0.94	< 0.010	0.043	2.00	237.1	0.123	0.226
05/16/2017	RG_DSELK	0.61	0.51	< 0.010	< 0.010	1.91	232.2	0.115	0.143
05/23/2017	RG_DSELK	0.40	0.38	< 0.010	0.011	1.83	210.1	0.105	0.134
05/30/2017	RG_DSELK	1.34	1.31	< 0.010	0.032	1.32	193.1	0.096	0.129
06/06/2017	RG_DSELK	0.92	0.84	0.005	0.007	1.18	197.8	0.089	0.114
06/06/2017	RG_DSELK	0.54	0.50	< 0.010	< 0.010	1.22	187.7	0.089	0.117
06/06/2017	RG_DSELK	0.60	0.52	< 0.010	< 0.010	1.21	194.3	0.090	0.119
06/06/2017	RG_DSELK	1.63	1.51	< 0.010	0.010	1.10	211.5	0.087	0.107
06/13/2017	RG_DSELK	0.91	0.92	0.005	0.005	1.29	206.9	0.103	0.119
06/13/2017	RG_DSELK	2.01	2.01	< 0.010	< 0.010	1.19	235.1	0.106	0.113

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
06/13/2017	RG_DSELK	0.47	0.46	< 0.010	< 0.010	1.34	197.6	0.100	0.120
06/13/2017	RG_DSELK	0.25	0.29	< 0.010	< 0.010	1.34	188.1	0.102	0.124
06/20/2017	RG_DSELK	0.72	0.68	0.005	0.007	1.50	211.9	0.097	0.111
06/20/2017	RG_DSELK	0.46	0.52	< 0.010	0.012	1.61	207.8	0.096	0.104
06/20/2017	RG_DSELK	0.93	0.80	< 0.010	< 0.010	1.42	215.3	0.097	0.114
06/20/2017	RG_DSELK	0.77	0.73	< 0.010	< 0.010	1.46	212.5	0.099	0.115
06/27/2017	RG_DSELK	0.67	0.65	0.005	0.005	2.03	199.8	0.107	0.108
06/27/2017	RG_DSELK	0.64	0.68	< 0.010	< 0.010	1.59	198.1	0.103	0.100
06/27/2017	RG_DSELK	0.85	0.78	< 0.010	< 0.010	1.80	200.3	0.110	0.110
06/27/2017	RG_DSELK	0.52	0.51	< 0.010	< 0.010	2.69	200.9	0.109	0.115
07/04/2017	RG_DSELK	0.80	0.80	0.005	0.005	1.70	206.8	0.102	0.108
07/04/2017	RG_DSELK	0.76	0.77	< 0.010	< 0.010	1.55	202.0	0.096	0.099
07/04/2017	RG_DSELK	1.24	1.18	< 0.010	< 0.010	1.66	218.0	0.105	0.111
07/04/2017	RG_DSELK	0.41	0.45	< 0.010	< 0.010	1.90	200.4	0.106	0.115
07/11/2017	RG_DSELK	1.06	1.07	0.005	0.005	1.85	208.2	0.117	0.111
07/11/2017	RG_DSELK	0.69	0.88	< 0.010	< 0.010	1.76	210.8	0.110	0.098
07/11/2017	RG_DSELK	1.92	1.73	< 0.010	< 0.010	1.86	203.7	0.128	0.124
07/11/2017	RG_DSELK	0.59	0.60	< 0.010	< 0.010	1.92	210.2	0.114	0.112
08/08/2017	RG_DSELK	1.11	1.13	0.005	0.005	2.04	239.9	0.122	0.124
08/08/2017	RG_DSELK	1.19	1.26	< 0.010	< 0.010	2.39	257.8	0.131	0.132
08/08/2017	RG_DSELK	1.03	1.00	< 0.010	< 0.010	1.69	221.9	0.112	0.116
09/18/2017	RG_DSELK	1.18	1.13	0.005	0.005	3.37	271.7	0.140	0.142
09/18/2017	RG_DSELK	1.08	1.14	< 0.010	< 0.010	3.12	264.1	0.132	0.135
09/18/2017	RG_DSELK	1.20	1.11	< 0.010	< 0.010	3.12	262.8	0.135	0.137
09/18/2017	RG_DSELK	1.25	1.13	< 0.010	< 0.010	3.88	288.1	0.154	0.153
10/03/2017	RG_DSELK	1.31	1.48	0.005	0.019	3.28	275.0	0.139	0.139
10/03/2017	RG_DSELK	0.99	1.48	< 0.010	0.048	3.02	257.8	0.134	0.131
10/03/2017	RG_DSELK	0.97	0.98	< 0.010	< 0.010	2.95	258.3	0.128	0.130
10/03/2017	RG_DSELK	1.98	1.97	< 0.010	< 0.010	3.88	308.9	0.155	0.157
11/08/2017	RG_DSELK	1.10	1.12	< 0.010	< 0.010	3.78	275.8	0.137	0.153
11/08/2017	RG_DSELK	1.32	1.41	< 0.010	< 0.010	4.57	296.0	0.155	0.173
11/08/2017	RG_DSELK	1.36	1.30	< 0.010	< 0.010	4.77	302.6	0.165	0.175
11/08/2017	RG_DSELK	1.26	1.28	0.005	0.005	4.37	291.5	0.152	0.167
12/05/2017	RG_DSELK	1.49	1.52	< 0.010	< 0.010	3.96	287.9	0.164	0.142
12/05/2017	RG_DSELK	1.82	1.74	< 0.010	< 0.010	5.41	320.1	0.176	0.159
12/05/2017	RG_DSELK	2.77	2.58	< 0.010	< 0.010	4.71	328.8	0.169	0.158
12/05/2017	RG_DSELK	2.03	1.95	0.005	0.005	4.69	312.3	0.170	0.153
01/03/2017	RG_ELKMOUTH	7.11	6.18	< 0.010	< 0.010	3.02	218.0	0.188	0.188
02/08/2017	RG_ELKMOUTH	6.20	6.30	< 0.010	< 0.010	3.46	426.6	0.196	0.206
03/07/2017	RG_ELKMOUTH	6.13	6.19	< 0.010	< 0.010	3.25	410.5	0.177	0.186
03/14/2017	RG_ELKMOUTH	5.75	5.58	< 0.010	< 0.010	3.60	403.2	0.178	0.188
03/21/2017	RG_ELKMOUTH	3.35	3.24	< 0.010	0.015	2.68	316.9	0.135	0.144
03/28/2017	RG_ELKMOUTH	4.03	4.06	< 0.010	< 0.010	2.99	344.9	0.151	0.155
04/04/2017	RG_ELKMOUTH	4.13	4.23	< 0.010	< 0.010	3.08	323.0	0.156	0.156
04/11/2017	RG_ELKMOUTH	4.10	4.12	< 0.010	< 0.010	2.76	316.0	0.148	0.145

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
04/18/2017	RG_ELKMOUTH	4.60	4.50	< 0.010	< 0.010	2.71	355.6	0.156	0.161
04/25/2017	RG_ELKMOUTH	3.94	4.30	< 0.010	< 0.010	2.26	320.4	0.137	0.137
05/01/2017	RG_ELKMOUTH	4.27	4.12	< 0.010	< 0.010	2.23	329.8	0.135	0.139
05/09/2017	RG_ELKMOUTH	3.92	4.10	< 0.010	0.020	1.62	287.2	0.112	0.122
05/16/2017	RG_ELKMOUTH	3.99	3.90	< 0.010	0.012	1.67	296.8	0.120	0.122
05/23/2017	RG_ELKMOUTH	3.26	3.21	< 0.010	0.021	1.23	249.2	0.091	0.098
05/30/2017	RG_ELKMOUTH	2.80	3.02	< 0.010	0.038	1.03	235.8	0.085	0.100
06/06/2017	RG_ELKMOUTH	3.16	3.19	< 0.010	0.027	1.10	244.3	0.089	0.104
06/13/2017	RG_ELKMOUTH	3.39	3.50	< 0.010	0.011	1.12	267.8	0.105	0.111
06/20/2017	RG_ELKMOUTH	3.38	3.41	< 0.010	< 0.010	1.16	267.0	0.112	0.109
06/27/2017	RG_ELKMOUTH	3.34	3.51	< 0.010	< 0.010	1.23	276.0	0.110	0.113
07/04/2017	RG_ELKMOUTH	3.61	3.65	< 0.010	< 0.010	1.52	295.8	0.133	0.127
07/11/2017	RG_ELKMOUTH	4.17	4.48	< 0.010	< 0.010	1.55	305.8	0.151	0.143
08/01/2017	RG_ELKMOUTH	5.24	5.28	< 0.010	< 0.010	2.17	328.0	0.168	0.171
09/19/2017	RG_ELKMOUTH	5.81	5.99	< 0.010	< 0.010	2.48	388.8	0.202	0.193
10/03/2017	RG_ELKMOUTH	6.44	6.41	< 0.010	< 0.010	2.72	396.7	0.182	0.186
11/08/2017	RG_ELKMOUTH	6.33	7.13	< 0.010	< 0.010	3.22	419.7	0.215	0.221
12/05/2017	RG_ELKMOUTH	6.05	6.10	< 0.010	< 0.010	2.69	376.7	0.165	0.178
04/04/2017	RG_GRASMERE	1.66	1.64	0.005	0.005	5.24	343.8	0.156	0.170
04/04/2017	RG_GRASMERE	1.68	1.66	< 0.010	< 0.010	5.27	343.7	0.153	0.171
04/04/2017	RG_GRASMERE	1.63	1.61	< 0.010	< 0.010	5.21	343.9	0.159	0.169
04/11/2017	RG_GRASMERE	1.46	1.51	< 0.010	0.013	4.45	331.4	0.149	0.174
04/17/2017	RG_GRASMERE	1.64	1.65	< 0.010	0.011	4.74	337.5	0.148	0.172
04/24/2017	RG_GRASMERE	1.50	1.51	< 0.010	0.013	4.30	352.6	0.154	0.175
05/02/2017	RG_GRASMERE	1.41	1.72	< 0.010	0.093	4.04	312.7	0.148	0.305
05/09/2017	RG_GRASMERE	0.96	1.00	< 0.010	0.035	1.97	238.1	0.121	0.200
05/16/2017	RG_GRASMERE	0.67	0.74	< 0.010	< 0.010	1.80	232.2	0.113	0.124
05/23/2017	RG_GRASMERE	0.53	0.54	< 0.010	< 0.010	2.01	215.2	0.107	0.123
05/30/2017	RG_GRASMERE	0.32	0.28	< 0.010	0.010	1.42	184.8	0.096	0.120
06/06/2017	RG_GRASMERE	0.61	0.56	0.005	0.008	1.23	184.9	0.090	0.116
06/06/2017	RG_GRASMERE	0.22	0.18	< 0.010	0.013	1.24	187.7	0.091	0.115
06/06/2017	RG_GRASMERE	0.52	0.46	< 0.010	< 0.010	1.30	193.6	0.091	0.120
06/06/2017	RG_GRASMERE	1.09	1.03	< 0.010	< 0.010	1.16	173.3	0.089	0.112
06/13/2017	RG_GRASMERE	0.69	0.74	0.005	0.005	1.25	195.5	0.099	0.113
06/13/2017	RG_GRASMERE	0.99	1.05	< 0.010	< 0.010	1.29	204.9	0.100	0.104
06/13/2017	RG_GRASMERE	0.62	0.64	< 0.010	< 0.010	1.25	198.3	0.099	0.115
06/13/2017	RG_GRASMERE	0.46	0.53	< 0.010	< 0.010	1.22	183.4	0.098	0.119
06/20/2017	RG_GRASMERE	0.80	0.78	0.005	0.005	1.46	212.9	0.097	0.107
06/20/2017	RG_GRASMERE	0.78	0.73	< 0.010	< 0.010	1.46	211.2	0.092	0.096
06/20/2017	RG_GRASMERE	0.54	0.54	< 0.010	< 0.010	1.47	205.5	0.096	0.109
06/20/2017	RG_GRASMERE	1.07	1.06	< 0.010	< 0.010	1.44	221.9	0.102	0.116
06/27/2017	RG_GRASMERE	0.90	0.99	0.005	0.005	1.63	210.2	0.108	0.108
06/27/2017	RG_GRASMERE	0.64	0.70	< 0.010	< 0.010	1.58	197.6	0.105	0.100
06/27/2017	RG_GRASMERE	0.89	0.99	< 0.010	< 0.010	1.67	211.1	0.108	0.109
06/27/2017	RG_GRASMERE	1.18	1.28	< 0.010	< 0.010	1.63	222.0	0.112	0.116

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
07/04/2017	RG_GRASMERE	0.70	0.71	0.005	0.005	1.64	201.1	0.101	0.105
07/04/2017	RG_GRASMERE	0.66	0.77	< 0.010	< 0.010	1.52	201.5	0.097	0.097
07/04/2017	RG_GRASMERE	0.72	0.62	< 0.010	< 0.010	1.67	201.0	0.101	0.104
07/04/2017	RG_GRASMERE	0.72	0.75	< 0.010	< 0.010	1.73	200.8	0.106	0.113
07/11/2017	RG_GRASMERE	0.57	0.68	0.005	0.005	1.88	207.7	0.111	0.108
07/11/2017	RG_GRASMERE	0.71	0.77	< 0.010	< 0.010	1.70	204.4	0.105	0.100
07/11/2017	RG_GRASMERE	0.24	0.32	< 0.010	< 0.010	2.12	201.6	0.112	0.112
07/11/2017	RG_GRASMERE	0.76	0.96	< 0.010	< 0.010	1.81	217.1	0.116	0.111
08/08/2017	RG_GRASMERE	1.13	1.02	0.005	0.005	2.20	245.7	0.122	0.124
08/08/2017	RG_GRASMERE	1.10	1.01	< 0.010	< 0.010	2.01	236.1	0.119	0.118
08/08/2017	RG_GRASMERE	1.15	1.03	< 0.010	< 0.010	2.39	255.2	0.124	0.129
09/18/2017	RG_GRASMERE	1.15	1.11	0.005	0.005	3.19	267.0	0.137	0.138
09/18/2017	RG_GRASMERE	1.04	1.02	< 0.010	< 0.010	3.04	259.7	0.133	0.134
09/18/2017	RG_GRASMERE	1.15	1.12	< 0.010	< 0.010	3.04	260.7	0.131	0.134
09/18/2017	RG_GRASMERE	1.26	1.19	< 0.010	< 0.010	3.49	280.7	0.146	0.147
10/03/2017	RG_GRASMERE	1.03	1.07	0.005	0.005	3.09	263.4	0.131	0.131
10/03/2017	RG_GRASMERE	0.91	1.07	< 0.010	< 0.010	2.96	256.9	0.127	0.128
10/03/2017	RG_GRASMERE	0.99	0.92	< 0.010	< 0.010	2.91	256.9	0.127	0.124
10/03/2017	RG_GRASMERE	1.19	1.21	< 0.010	< 0.010	3.41	276.4	0.139	0.141
11/08/2017	RG_GRASMERE	1.10	1.25	< 0.010	< 0.010	3.68	273.5	0.142	0.155
11/08/2017	RG_GRASMERE	1.22	0.35	< 0.010	< 0.010	6.57	278.7	0.141	0.189
11/08/2017	RG_GRASMERE	1.19	1.14	< 0.010	< 0.010	4.07	291.3	0.159	0.162
11/08/2017	RG_GRASMERE	1.17	0.91	0.005	0.005	4.77	281.2	0.147	0.169
12/05/2017	RG_GRASMERE	1.24	1.20	< 0.010	< 0.010	3.73	274.7	0.145	0.139
12/05/2017	RG_GRASMERE	1.34	1.22	< 0.010	< 0.010	4.80	294.1	0.162	0.150
12/05/2017	RG_GRASMERE	0.81	0.82	< 0.010	< 0.010	6.34	319.6	0.174	0.166
12/05/2017	RG_GRASMERE	1.13	1.08	0.005	0.005	4.96	296.1	0.160	0.152
04/24/2017	RG_KERRRD	0.12	0.15	< 0.010	< 0.010	4.76	299.2	0.140	0.168
05/02/2017	RG_KERRRD	0.12	0.13	< 0.010	< 0.010	4.54	295.2	0.152	0.162
05/09/2017	RG_KERRRD	0.11	0.15	< 0.010	0.022	1.91	221.6	0.120	0.164
05/16/2017	RG_KERRRD	0.11	0.08	< 0.010	< 0.010	1.98	224.1	0.116	0.137
05/23/2017	RG_KERRRD	0.09	0.12	< 0.010	0.011	1.93	198.1	0.102	0.157
05/30/2017	RG_KERRRD	0.09	0.11	< 0.010	0.015	1.40	175.6	0.091	0.156
06/06/2017	RG_KERRRD	0.08	0.08	0.005	0.005	1.37	178.9	0.095	0.131
06/06/2017	RG_KERRRD	0.08	0.10	< 0.010	< 0.010	1.39	180.2	0.099	0.128
06/06/2017	RG_KERRRD	0.08	0.06	< 0.010	< 0.010	1.35	177.5	0.091	0.134
06/13/2017	RG_KERRRD	0.08	0.12	0.005	0.005	1.53	194.1	0.108	0.126
06/13/2017	RG_KERRRD	0.09	0.16	< 0.010	< 0.010	1.53	193.2	0.111	0.127
06/13/2017	RG_KERRRD	0.07	0.09	< 0.010	< 0.010	1.52	194.9	0.105	0.125
06/20/2017	RG_KERRRD	0.09	0.11	0.005	0.022	1.76	199.0	0.102	0.112
06/20/2017	RG_KERRRD	0.11	0.10	< 0.010	0.027	1.77	197.4	0.103	0.110
06/20/2017	RG_KERRRD	0.07	0.11	< 0.010	0.021	1.77	199.5	0.104	0.114
06/20/2017	RG_KERRRD	0.09	0.12	< 0.010	0.019	1.75	200.0	0.099	0.111
06/27/2017	RG_KERRRD	0.09	0.10	0.005	0.005	2.07	194.1	0.112	0.113
06/27/2017	RG_KERRRD	0.10	0.11	< 0.010	< 0.010	1.99	193.9	0.110	0.112

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
06/27/2017	RG_KERRRD	0.07	0.09	< 0.010	< 0.010	2.08	194.2	0.112	0.114
06/27/2017	RG_KERRRD	0.08	0.10	< 0.010	< 0.010	2.14	194.3	0.114	0.113
07/04/2017	RG_KERRRD	0.21	0.22	0.005	0.005	1.94	131.6	0.099	0.110
07/04/2017	RG_KERRRD	0.37	0.41	< 0.010	< 0.010	1.82	193.8	0.095	0.106
07/04/2017	RG_KERRRD	0.10	0.09	< 0.010	< 0.010	1.99	191.9	0.104	0.112
07/04/2017	RG_KERRRD	0.15	0.15	< 0.010	< 0.010	2.00	9.0	0.099	0.111
07/11/2017	RG_KERRRD	0.24	0.31	0.005	0.005	2.07	201.4	0.111	0.110
07/11/2017	RG_KERRRD	0.51	0.61	< 0.010	< 0.010	1.95	204.3	0.100	0.106
07/11/2017	RG_KERRRD	0.10	0.18	< 0.010	< 0.010	2.15	199.6	0.119	0.112
07/11/2017	RG_KERRRD	0.10	0.14	< 0.010	< 0.010	2.11	200.4	0.113	0.113
08/08/2017	RG_KERRRD	0.29	0.30	0.005	0.005	3.01	249.0	0.132	0.135
08/08/2017	RG_KERRRD	0.43	0.49	< 0.010	< 0.010	2.78	237.0	0.122	0.125
08/08/2017	RG_KERRRD	0.18	0.16	< 0.010	< 0.010	3.45	254.0	0.141	0.145
08/08/2017	RG_KERRRD	0.27	0.25	< 0.010	< 0.010	2.80	256.0	0.134	0.136
09/18/2017	RG_KERRRD	0.53	0.51	0.005	0.005	3.96	274.0	0.147	0.147
09/18/2017	RG_KERRRD	0.65	0.64	< 0.010	< 0.010	3.51	266.8	0.141	0.141
09/18/2017	RG_KERRRD	0.64	0.63	< 0.010	< 0.010	3.63	266.9	0.140	0.140
09/18/2017	RG_KERRRD	0.30	0.27	< 0.010	< 0.010	4.75	288.3	0.160	0.159
10/03/2017	RG_KERRRD	0.66	0.73	0.005	0.005	4.15	281.8	0.147	0.147
10/03/2017	RG_KERRRD	0.85	0.95	< 0.010	< 0.010	3.06	265.8	0.135	0.132
10/03/2017	RG_KERRRD	0.91	0.99	< 0.010	< 0.010	3.51	266.2	0.137	0.138
10/03/2017	RG_KERRRD	0.23	0.24	< 0.010	< 0.010	5.88	313.4	0.170	0.172
11/08/2017	RG_KERRRD	0.41	1.24	< 0.010	< 0.010	4.41	315.7	0.176	0.171
11/08/2017	RG_KERRRD	0.36	0.31	< 0.010	< 0.010	6.47	316.2	0.168	0.175
11/08/2017	RG_KERRRD	0.37	0.29	< 0.010	< 0.010	6.62	316.2	0.174	0.188
11/08/2017	RG_KERRRD	0.38	0.62	0.005	0.005	5.83	316.0	0.173	0.178
12/05/2017	RG_KERRRD	0.12	0.11	< 0.010	< 0.010	6.56	291.3	0.168	0.157
12/05/2017	RG_KERRRD	0.14	0.15	< 0.010	< 0.010	7.10	291.5	0.160	0.150
12/05/2017	RG_KERRRD	0.13	0.16	< 0.010	< 0.010	6.95	307.0	0.175	0.165
12/05/2017	RG_KERRRD	0.13	0.14	0.005	0.005	6.87	296.6	0.168	0.157
04/04/2017	RG_USGOLD	1.61	1.65	0.005	0.005	5.10	342.0	0.155	0.168
04/04/2017	RG_USGOLD	1.60	1.65	< 0.010	< 0.010	5.07	342.1	0.155	0.168
04/04/2017	RG_USGOLD	1.61	1.65	< 0.010	< 0.010	5.13	341.9	0.155	0.167
04/11/2017	RG_USGOLD	1.50	1.53	< 0.010	< 0.010	4.56	330.0	0.146	0.164
04/17/2017	RG_USGOLD	1.59	1.66	< 0.010	< 0.010	4.78	336.4	0.147	0.165
04/24/2017	RG_USGOLD	1.62	1.52	< 0.010	0.032	4.00	310.1	0.143	0.189
05/02/2017	RG_USGOLD	1.18	1.33	< 0.010	0.023	3.96	320.1	0.146	0.198
05/09/2017	RG_USGOLD	0.95	0.98	< 0.010	0.016	1.92	237.9	0.121	0.152
05/16/2017	RG_USGOLD	0.76	0.75	< 0.010	< 0.010	1.79	233.7	0.112	0.129
05/23/2017	RG_USGOLD	0.80	0.80	< 0.010	< 0.010	1.83	213.7	0.102	0.120
05/30/2017	RG_USGOLD	1.31	1.26	0.005	0.012	1.35	200.1	0.095	0.107
05/30/2017	RG_USGOLD	1.53	1.46	< 0.010	0.012	1.32	194.8	0.093	0.101
05/30/2017	RG_USGOLD	1.41	1.35	< 0.010	0.013	1.32	201.8	0.096	0.108
05/30/2017	RG_USGOLD	0.99	0.98	< 0.010	0.011	1.40	203.8	0.097	0.112
06/06/2017	RG_USGOLD	0.93	0.89	0.005	0.005	1.27	202.6	0.089	0.108

Sample Date	Location	Selenium - Dissolved µg/l	Selenium - Total µg/l	Silver - Dissolved µg/l	Silver - Total µg/l	Sodium - Total mg/l	Specific Conductivity, Temperature Corrected Value (25 C) Us/cm	Strontium - Dissolved mg/l	Strontium - Total mg/l
06/06/2017	RG_USGOLD	0.98	0.92	< 0.010	< 0.010	1.35	209.7	0.091	0.099
06/06/2017	RG_USGOLD	0.23	0.22	< 0.010	< 0.010	1.31	186.6	0.090	0.117
06/06/2017	RG_USGOLD	1.57	1.54	< 0.010	< 0.010	1.16	211.6	0.087	0.109
06/13/2017	RG_USGOLD	0.63	0.73	0.005	0.005	1.28	192.5	0.098	0.108
06/13/2017	RG_USGOLD	0.73	0.75	< 0.010	< 0.010	1.40	190.4	0.094	0.095
06/13/2017	RG_USGOLD	0.82	0.97	< 0.010	< 0.010	1.24	200.9	0.103	0.109
06/13/2017	RG_USGOLD	0.35	0.46	< 0.010	< 0.010	1.20	186.2	0.097	0.119
06/20/2017	RG_USGOLD	0.87	0.84	0.005	0.005	1.40	212.3	0.095	0.103
06/20/2017	RG_USGOLD	0.82	0.83	< 0.010	< 0.010	1.43	211.6	0.089	0.096
06/20/2017	RG_USGOLD	0.63	0.59	< 0.010	< 0.010	1.41	206.5	0.096	0.098
06/20/2017	RG_USGOLD	1.15	1.10	< 0.010	< 0.010	1.35	218.9	0.101	0.114
06/27/2017	RG_USGOLD	0.86	0.97	0.005	0.030	1.60	211.7	0.109	0.108
06/27/2017	RG_USGOLD	0.71	0.76	< 0.010	< 0.010	1.55	199.1	0.102	0.096
06/27/2017	RG_USGOLD	0.53	0.60	< 0.010	< 0.010	1.72	210.1	0.112	0.112
06/27/2017	RG_USGOLD	1.34	1.56	< 0.010	0.081	1.54	226.0	0.114	0.116
07/04/2017	RG_USGOLD	0.73	0.73	0.005	0.005	1.63	202.9	0.101	0.106
07/04/2017	RG_USGOLD	0.76	0.81	< 0.010	< 0.010	1.57	202.3	0.096	0.100
07/04/2017	RG_USGOLD	0.82	0.77	< 0.010	< 0.010	1.67	204.3	0.102	0.106
07/04/2017	RG_USGOLD	0.60	0.62	< 0.010	< 0.010	1.66	202.1	0.105	0.111
07/11/2017	RG_USGOLD	0.81	0.83	0.005	0.005	1.81	211.6	0.111	0.107
07/11/2017	RG_USGOLD	0.70	0.83	< 0.010	< 0.010	1.79	209.2	0.107	0.100
07/11/2017	RG_USGOLD	0.44	0.40	< 0.010	< 0.010	2.03	205.8	0.115	0.111
07/11/2017	RG_USGOLD	1.30	1.26	< 0.010	< 0.010	1.62	219.8	0.110	0.109
08/08/2017	RG_USGOLD	1.35	1.36	0.005	0.005	2.10	245.6	0.120	0.123
08/08/2017	RG_USGOLD	1.07	1.01	< 0.010	< 0.010	2.19	234.0	0.114	0.114
08/08/2017	RG_USGOLD	1.96	2.02	< 0.010	< 0.010	2.61	279.7	0.141	0.147
08/08/2017	RG_USGOLD	1.02	1.05	< 0.010	< 0.010	1.51	223.1	0.105	0.109
09/18/2017	RG_USGOLD	1.25	1.24	0.005	0.005	2.79	262.4	0.131	0.125
09/18/2017	RG_USGOLD	1.01	0.97	< 0.010	< 0.010	2.92	255.0	0.128	0.129
09/18/2017	RG_USGOLD	1.16	1.08	< 0.010	< 0.010	3.04	269.9	0.133	0.124
09/18/2017	RG_USGOLD	1.59	1.68	< 0.010	< 0.010	2.41	262.2	0.132	0.123
10/03/2017	RG_USGOLD	0.92	0.96	0.005	0.005	3.54	271.0	0.136	0.137
10/03/2017	RG_USGOLD	0.94	0.94	< 0.010	< 0.010	2.99	255.7	0.127	0.128
10/03/2017	RG_USGOLD	0.93	0.98	< 0.010	< 0.010	3.01	256.1	0.127	0.127
10/03/2017	RG_USGOLD	0.89	0.96	< 0.010	< 0.010	4.63	301.2	0.153	0.155
11/08/2017	RG_USGOLD	1.11	1.09	< 0.010	< 0.010	3.63	269.7	0.138	0.151
11/08/2017	RG_USGOLD	1.14	1.25	< 0.010	< 0.010	3.63	270.8	0.137	0.154
11/08/2017	RG_USGOLD	1.11	1.13	< 0.010	< 0.010	4.02	280.5	0.149	0.161
11/08/2017	RG_USGOLD	1.12	1.16	0.005	0.005	3.76	273.7	0.141	0.155
12/05/2017	RG_USGOLD	1.28	1.18	< 0.010	< 0.010	3.58	272.0	0.148	0.139
12/05/2017	RG_USGOLD	1.24	1.22	< 0.010	< 0.010	3.82	274.5	0.140	0.136
12/05/2017	RG_USGOLD	1.43	1.52	< 0.010	< 0.010	5.11	308.9	0.160	0.152
12/05/2017	RG_USGOLD	1.32	1.31	0.005	0.005	4.17	285.1	0.149	0.142

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
04/11/2017	RG_BORDER	33.2	6.7	0.005	0.0130	0.00005	0.00005	5	5.00
04/11/2017	RG_BORDER	33.2	6.1	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
04/11/2017	RG_BORDER	33.1	6.1	< 0.010	0.0130	< 0.00010	< 0.00010	< 10	< 10
04/11/2017	RG_BORDER	33.2	7.9	< 0.010	0.0120	< 0.00010	< 0.00010	< 10	< 10
04/17/2017	RG_BORDER	31.1	6.5	0.005	0.0187	0.00005	0.00005	5	5.00
04/17/2017	RG_BORDER	31.2	6.5	< 0.010	0.0260	< 0.00010	< 0.00010	< 10	< 10
04/17/2017	RG_BORDER	30.9	6.5	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
04/17/2017	RG_BORDER	31.1	6.5	< 0.010	0.0160	< 0.00010	< 0.00010	< 10	< 10
04/24/2017	RG_BORDER	31.0	9.0	0.005	0.0293	0.00005	0.00005	5	41.33
04/24/2017	RG_BORDER	31.5	9.2	< 0.010	0.0240	< 0.00010	< 0.00010	< 10	< 30
04/24/2017	RG_BORDER	31.4	9.1	< 0.010	0.0270	< 0.00010	< 0.00010	< 10	< 50
04/24/2017	RG_BORDER	30.0	8.7	< 0.010	0.0370	< 0.00010	< 0.00010	< 10	84.00
05/02/2017	RG_BORDER	27.1	8.1	0.005	0.0225	0.00005	0.00005	5	11.25
05/02/2017	RG_BORDER	28.0	8.3	< 0.010	0.0200	< 0.00010	< 0.00010	< 10	< 15
05/02/2017	RG_BORDER	26.2	7.9	< 0.010	0.0250	< 0.00010	< 0.00010	< 10	< 30
05/09/2017	RG_BORDER	15.9	7.5	0.005	0.0367	0.00005	0.00005	5	19.33
05/09/2017	RG_BORDER	15.9	7.5	< 0.010	0.0360	< 0.00010	< 0.00010	< 10	18.00
05/09/2017	RG_BORDER	15.9	7.5	< 0.010	0.0360	< 0.00010	< 0.00010	< 10	20.00
05/09/2017	RG_BORDER	16.0	7.5	< 0.010	0.0380	< 0.00010	< 0.00010	< 10	20.00
05/16/2017	RG_BORDER	15.1	7.4	0.005	0.0143	0.00005	0.00005	5	7.00
05/16/2017	RG_BORDER	15.0	7.5	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
05/16/2017	RG_BORDER	14.6	7.4	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	11.00
05/16/2017	RG_BORDER	15.6	7.4	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
05/23/2017	RG_BORDER	19.5	10.6	0.005	0.0050	0.00005	0.00005	5	5.00
05/23/2017	RG_BORDER	19.7	10.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
05/23/2017	RG_BORDER	19.1	10.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
05/23/2017	RG_BORDER	19.8		< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_BORDER	15.5	12.5	0.005	0.0150	0.00005	0.00005	5	11.67
05/30/2017	RG_BORDER	14.4	11.9	< 0.010	0.0100	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_BORDER	15.6	12.5	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_BORDER	16.5	13.0	< 0.010	0.0200	< 0.00010	< 0.00010	< 10	25.00
06/06/2017	RG_BORDER	13.3	13.2	0.005	0.0143	0.00005	0.00005	5	18.33
06/06/2017	RG_BORDER	15.1	15.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/06/2017	RG_BORDER	12.2	11.9	< 0.010	0.0190	< 0.00010	< 0.00010	< 10	25.00
06/06/2017	RG_BORDER	12.5	12.3	< 0.010	0.0190	< 0.00010	< 0.00010	< 10	25.00
06/13/2017	RG_BORDER	13.1	13.0	0.005	0.0127	0.00005	0.00005	5	12.67
06/13/2017	RG_BORDER	14.2	14.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_BORDER	12.6	12.0	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	14.00
06/13/2017	RG_BORDER	12.4	12.5	< 0.010	0.0190	< 0.00010	< 0.00010	< 10	19.00
06/20/2017	RG_BORDER	14.7	13.2	0.005	0.0050	0.00005	0.00005	5	5.00
06/20/2017	RG_BORDER	14.2	15.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_BORDER	14.3	12.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_BORDER	15.5	11.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_BORDER	15.6	13.4	0.005	0.0050	0.00005	0.00005	5	5.00
06/27/2017	RG_BORDER	14.3	17.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
06/27/2017	RG_BORDER	17.2	12.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_BORDER	15.4	10.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_BORDER	15.6	14.3	0.005	0.0050	0.00005	0.00005	5	5.00
07/04/2017	RG_BORDER	14.5	18.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_BORDER	16.6	14.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_BORDER	15.8	10.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_BORDER	16.1	16.0	0.005	0.0050	0.00005	0.00005	5	5.00
07/11/2017	RG_BORDER	14.7	21.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_BORDER	17.9	15.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_BORDER	15.7	11.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_BORDER	18.4	16.1	0.005	0.0050	0.00005	0.00005	5	5.00
08/08/2017	RG_BORDER	19.3	21.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_BORDER	18.9	15.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_BORDER	16.9	11.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_BORDER	21.5	15.0	0.005	0.0050	0.00005	0.00005	5	5.00
09/18/2017	RG_BORDER	23.6	17.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_BORDER	24.3	16.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_BORDER	16.5	11.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_BORDER	25.9	14.4	0.005	0.0050	0.00005	0.00005	5	5.00
10/03/2017	RG_BORDER	23.1	15.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_BORDER	23.3	14.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_BORDER	31.2	13.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_BORDER	24.9	8.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_BORDER	24.9	8.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_BORDER	25.8	8.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_BORDER	25.2	8.6	0.005	0.0050	0.00005	0.00005	5	5.00
12/05/2017	RG_BORDER	25.2	6.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_BORDER	26.2	6.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_BORDER	30.9	5.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_BORDER	27.4	6.3	0.005	0.0050	0.00005	0.00005	5	5.00
04/04/2017	RG_DSELK	36.6	5.4	< 0.010	0.0430	0.0002	< 0.00010	< 10	15.00
04/11/2017	RG_DSELK	34.1	6.0	< 0.010	0.0580	< 0.00010	< 0.00010	< 10	27.00
04/17/2017	RG_DSELK	35.1	6.9	< 0.010	0.0330	< 0.00010	< 0.00010	< 10	< 10
04/24/2017	RG_DSELK	29.9	8.0	< 0.010	0.1490	< 0.00010	0.00012	< 10	70.00
05/02/2017	RG_DSELK	29.8	8.2	< 0.010	0.0520	< 0.00010	< 0.00010	< 10	30.00
05/09/2017	RG_DSELK	17.3	7.7	< 0.010	0.0850	< 0.00010	< 0.00010	< 10	47.00
05/16/2017	RG_DSELK	17.2	7.2	< 0.010	0.0170	< 0.00010	< 0.00010	< 10	12.00
05/23/2017	RG_DSELK	14.9	12.2	< 0.010	0.0220	< 0.00010	< 0.00010	< 10	12.00
05/30/2017	RG_DSELK	14.5	10.0	< 0.010	0.0570	< 0.00010	< 0.00010	< 10	25.00
06/06/2017	RG_DSELK	13.5	10.9	0.005	0.0193	0.00005	0.00005	5	16.83
06/06/2017	RG_DSELK	12.4	11.4	< 0.010	0.0190	< 0.00010	< 0.00010	< 10	21.00
06/06/2017	RG_DSELK	12.5	10.2	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 15
06/06/2017	RG_DSELK	15.6	11.0	< 0.010	0.0250	< 0.00010	< 0.00010	< 10	22.00
06/13/2017	RG_DSELK	15.3	11.1	0.005	0.0153	0.00005	0.00005	5	5.00
06/13/2017	RG_DSELK	19.7	10.6	< 0.010	0.0180	< 0.00010	< 0.00010	< 10	< 10

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06/13/2017	RG_DSELK	13.6	10.8	< 0.010	0.0130	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_DSELK	12.7	12.0	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_DSELK	15.7	12.9	0.005	0.0050	0.00005	0.00005	5	5.00
06/20/2017	RG_DSELK	14.7	14.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_DSELK	16.3	12.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_DSELK	16.0	12.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_DSELK	16.2	14.9	0.005	0.0050	0.00005	0.00005	5	5.00
06/27/2017	RG_DSELK	14.6	17.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_DSELK	17.5	14.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_DSELK	16.5	13.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_DSELK	16.8	18.2	0.005	0.0050	0.00005	0.00005	5	5.00
07/04/2017	RG_DSELK	14.4	20.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_DSELK	18.8	18.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_DSELK	17.2	15.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_DSELK	18.3	18.5	0.005	0.0050	0.00005	0.00005	5	5.00
07/11/2017	RG_DSELK	15.5	21.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_DSELK	21.2	18.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_DSELK	18.2	15.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_DSELK	22.7	16.2	0.005	0.0050	0.00005	0.00005	5	5.00
08/08/2017	RG_DSELK	26.3	19.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_DSELK	19.0	13.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_DSELK	28.4	16.8	0.005	0.0050	0.00005	0.00005	5	5.00
09/18/2017	RG_DSELK	26.8	16.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_DSELK	27.0	16.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_DSELK	31.4	16.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_DSELK	28.6	14.5	0.005	0.1727	0.00005	0.000116667	5	5.00
10/03/2017	RG_DSELK	25.0	15.3	< 0.010	0.5080	< 0.00010	0.00025	< 10	< 10
10/03/2017	RG_DSELK	25.0	15.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_DSELK	35.8	13.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_DSELK	28.0	7.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_DSELK	33.0	6.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_DSELK	33.8	6.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_DSELK	31.6	6.6	0.005	0.0050	0.00005	0.00005	5	5.00
12/05/2017	RG_DSELK	30.7	4.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_DSELK	38.2	3.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_DSELK	39.9	3.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_DSELK	36.3	3.9	0.005	0.0050	0.00005	0.00005	5	5.00
01/03/2017	RG_ELKMOUTH	60.6	-0.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
02/08/2017	RG_ELKMOUTH	58.9	-0.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
03/07/2017	RG_ELKMOUTH	56.9	1.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
03/14/2017	RG_ELKMOUTH	55.3	1.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
03/21/2017	RG_ELKMOUTH	32.6	1.1	< 0.010	0.0300	< 0.00010	< 0.00010	< 10	< 10
03/28/2017	RG_ELKMOUTH	38.3	4.7	< 0.010	< 0.010	0.00014	< 0.00010	< 10	< 10
04/04/2017	RG_ELKMOUTH	37.8	3.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
04/11/2017	RG_ELKMOUTH	36.3	4.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
04/18/2017	RG_ELKMOUTH	39.0	6.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
04/25/2017	RG_ELKMOUTH	34.1	6.2	< 0.010	0.0220	< 0.00010	< 0.00010	< 10	< 10
05/01/2017	RG_ELKMOUTH	34.6	5.7	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	< 10
05/09/2017	RG_ELKMOUTH	28.4	6.1	< 0.010	0.0360	< 0.00010	< 0.00010	< 10	< 10
05/16/2017	RG_ELKMOUTH	29.6	6.2	< 0.010	0.0210	< 0.00010	< 0.00010	< 10	< 10
05/23/2017	RG_ELKMOUTH	21.9	7.2	< 0.010	0.0370	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_ELKMOUTH	19.4	7.4	< 0.010	0.0730	< 0.00010	< 0.00010	< 10	14.00
06/06/2017	RG_ELKMOUTH	20.5	7.4	< 0.010	0.0540	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_ELKMOUTH	25.3	9.1	< 0.010	0.0240	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_ELKMOUTH	25.3	9.3	< 0.010	0.0180	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_ELKMOUTH	27.0	11.3	< 0.010	< 0.020	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_ELKMOUTH	30.3	12.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_ELKMOUTH	34.6	13.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/01/2017	RG_ELKMOUTH	46.1	15.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/19/2017	RG_ELKMOUTH	55.8	9.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_ELKMOUTH	56.2	7.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_ELKMOUTH	58.5	0.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_ELKMOUTH	51.3	0.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
04/04/2017	RG_GRASMERE	36.2	6.0	0.005	0.0145	0.00005	0.00005	5	5.00
04/04/2017	RG_GRASMERE	36.2	6.0	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	< 10
04/04/2017	RG_GRASMERE	36.2	6.0	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
04/11/2017	RG_GRASMERE	34.1	5.5	< 0.010	0.0260	< 0.00010	< 0.00010	< 10	13.00
04/17/2017	RG_GRASMERE	35.2	7.2	< 0.010	0.0250	< 0.00010	< 0.00010	< 10	18.00
04/24/2017	RG_GRASMERE	31.7	11.2	< 0.010	0.0280	< 0.00010	< 0.00010	< 10	12.00
05/02/2017	RG_GRASMERE	29.7	8.5	< 0.010	0.1410	< 0.00010	0.00015	< 10	75.00
05/09/2017	RG_GRASMERE	17.6	7.9	< 0.010	0.0720	< 0.00010	< 0.00010	< 10	42.00
05/16/2017	RG_GRASMERE	17.4	7.2	< 0.010	0.0130	< 0.00010	< 0.00010	< 10	11.00
05/23/2017	RG_GRASMERE	18.3	11.5	< 0.010	0.0100	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_GRASMERE	11.6	10.6	< 0.010	0.0230	< 0.00010	< 0.00010	< 10	16.00
06/06/2017	RG_GRASMERE	12.8	12.9	0.005	0.0127	0.00005	0.00005	5	22.33
06/06/2017	RG_GRASMERE	11.7	12.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	16.00
06/06/2017	RG_GRASMERE	12.5	13.2	< 0.010	0.0180	< 0.00010	< 0.00010	< 10	39.00
06/06/2017	RG_GRASMERE	14.1	12.9	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	12.00
06/13/2017	RG_GRASMERE	14.0	12.9	0.005	0.0143	0.00005	0.00005	5	5.00
06/13/2017	RG_GRASMERE	15.3	14.1	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_GRASMERE	13.8	11.9	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_GRASMERE	12.9	12.8	< 0.010	0.0170	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_GRASMERE	15.5	13.4	0.005	0.0050	0.00005	0.00005	5	5.00
06/20/2017	RG_GRASMERE	14.6	14.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_GRASMERE	14.9	13.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_GRASMERE	17.0	11.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_GRASMERE	16.9	14.5	0.005	0.0050	0.00005	0.00005	5	5.00
06/27/2017	RG_GRASMERE	14.3	16.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_GRASMERE	17.4	14.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_GRASMERE	18.9	12.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
07/04/2017	RG_GRASMERE	15.9	17.6	0.005	0.0050	0.00005	0.00005	5	5.00
07/04/2017	RG_GRASMERE	14.1	19.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_GRASMERE	15.8	17.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_GRASMERE	17.9	15.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_GRASMERE	16.9	17.2	0.005	0.0050	0.00005	0.00005	5	5.00
07/11/2017	RG_GRASMERE	15.4	21.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_GRASMERE	17.3	15.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_GRASMERE	18.0	14.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_GRASMERE	22.7	19.0	0.005	0.0050	0.00005	0.00005	5	5.00
08/08/2017	RG_GRASMERE	21.5	21.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_GRASMERE	23.8	16.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_GRASMERE	27.3	16.8	0.005	0.0050	0.00005	0.00005	5	5.00
09/18/2017	RG_GRASMERE	25.9	17.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_GRASMERE	26.2	17.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_GRASMERE	29.9	16.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_GRASMERE	26.0	15.1	0.005	0.0050	0.00005	0.00005	5	5.00
10/03/2017	RG_GRASMERE	24.6	15.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_GRASMERE	24.6	15.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_GRASMERE	28.7	14.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_GRASMERE	27.4	7.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_GRASMERE	28.7	7.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_GRASMERE	31.5	6.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_GRASMERE	29.2	7.4	0.005	0.0050	0.00005	0.00005	5	5.00
12/05/2017	RG_GRASMERE	27.6	5.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_GRASMERE	32.4	4.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_GRASMERE	37.9	3.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_GRASMERE	32.6	4.8	0.005	0.0050	0.00005	0.00005	5	5.00
04/24/2017	RG_KERRRD	28.2	8.7	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	14.00
05/02/2017	RG_KERRRD	27.3	9.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
05/09/2017	RG_KERRRD	15.0	8.2	< 0.010	0.0250	< 0.00010	< 0.00010	< 10	19.00
05/16/2017	RG_KERRRD	15.9	6.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	12.00
05/23/2017	RG_KERRRD	13.8	10.4	< 0.010	0.0260	< 0.00010	< 0.00010	< 10	23.00
05/30/2017	RG_KERRRD	10.6	10.1	< 0.010	0.0330	< 0.00010	< 0.00010	< 10	31.00
06/06/2017	RG_KERRRD	11.5	12.6	0.005	0.0190	0.00005	0.00005	5	25.00
06/06/2017	RG_KERRRD	11.5	12.9	< 0.010	0.0180	< 0.00010	< 0.00010	< 10	20.00
06/06/2017	RG_KERRRD	11.5	12.2	< 0.010	0.0200	< 0.00010	< 0.00010	< 10	30.00
06/13/2017	RG_KERRRD	13.4	11.7	0.005	0.0115	0.00005	0.00005	5	5.00
06/13/2017	RG_KERRRD	13.4	11.5	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_KERRRD	13.3	11.9	< 0.010	0.0120	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_KERRRD	14.5	12.4	0.005	0.0050	0.00005	0.00005	5	5.00
06/20/2017	RG_KERRRD	14.5	11.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_KERRRD	14.5	12.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_KERRRD	14.5	13.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_KERRRD	16.4	13.2	0.005	0.0050	0.00005	0.00005	5	5.00
06/27/2017	RG_KERRRD	16.3	13.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
06/27/2017	RG_KERRRD	16.5	13.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_KERRRD	16.5	13.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_KERRRD	16.1	17.0	0.005	0.0050	0.00005	0.00005	5	5.00
07/04/2017	RG_KERRRD	15.6	18.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_KERRRD	16.4	16.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_KERRRD	16.3	16.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_KERRRD	16.6	18.5	0.005	0.0050	0.00005	0.00005	5	5.00
07/11/2017	RG_KERRRD	15.6	21.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_KERRRD	17.1	17.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_KERRRD	17.1	16.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_KERRRD	23.7	19.3	0.005	0.0050	0.00005	0.00005	5	5.00
08/08/2017	RG_KERRRD	22.0	21.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_KERRRD	25.4	19.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_KERRRD	23.8	17.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_KERRRD	28.6	16.5	0.005	0.0050	0.00005	0.00005	5	5.00
09/18/2017	RG_KERRRD	27.1	16.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_KERRRD	27.4	16.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_KERRRD	31.2	15.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_KERRRD	29.5	13.9	0.005	0.0050	0.00005	0.00005	5	5.00
10/03/2017	RG_KERRRD	26.5	14.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_KERRRD	26.5	14.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_KERRRD	35.5	12.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_KERRRD	38.0	5.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_KERRRD	38.1	5.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_KERRRD	38.2	5.0	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_KERRRD	38.1	5.1	0.005	0.0050	0.00005	0.00005	5	5.00
12/05/2017	RG_KERRRD	34.9	2.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_KERRRD	34.9	2.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_KERRRD	37.1	2.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_KERRRD	35.6	2.7	0.005	0.0050	0.00005	0.00005	5	5.00
04/04/2017	RG_USGOLD	35.4	5.8	0.005	0.0110	0.00005	0.00005	5	5.00
04/04/2017	RG_USGOLD	35.2	5.9	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	< 10
04/04/2017	RG_USGOLD	35.5	5.6	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	< 10
04/11/2017	RG_USGOLD	33.9	6.1	< 0.010	0.0150	< 0.00010	< 0.00010	< 10	< 10
04/17/2017	RG_USGOLD	35.2	7.8	< 0.010	0.0160	< 0.00010	< 0.00010	< 10	11.00
04/24/2017	RG_USGOLD	30.3	7.8	< 0.010	0.0610	< 0.00010	< 0.00010	< 10	34.00
05/02/2017	RG_USGOLD	25.8	10.5	< 0.010	0.0470	< 0.00010	< 0.00010	< 10	32.00
05/09/2017	RG_USGOLD	17.5	8.6	< 0.010	0.0330	< 0.00010	< 0.00010	< 10	16.00
05/16/2017	RG_USGOLD	17.5	7.3	< 0.010	0.0130	< 0.00010	< 0.00010	< 10	< 10
05/23/2017	RG_USGOLD	16.4	10.3	< 0.010	0.0130	< 0.00010	< 0.00010	< 10	< 10
05/30/2017	RG_USGOLD	15.3	12.3	0.005	0.0277	0.00005	0.00005	5	12.00
05/30/2017	RG_USGOLD	16.1	10.3	< 0.010	0.0260	< 0.00010	< 0.00010	< 10	10.00
05/30/2017	RG_USGOLD	15.6	12.8	< 0.010	0.0290	< 0.00010	< 0.00010	< 10	12.00
05/30/2017	RG_USGOLD	14.3	13.8	< 0.010	0.0280	< 0.00010	< 0.00010	< 10	14.00
06/06/2017	RG_USGOLD	13.8	13.2	0.005	0.0150	0.00005	0.00005	5	20.00

Sample Date	Location	Sulfate (As SO4) - Dissolved mg/l	Temperature, Field Deg C	Thallium - Dissolved µg/l	Thallium - Total µg/l	Tin - Dissolved mg/l	Tin - Total mg/l	Titanium - Dissolved µg/l	Titanium - Total µg/l
06/06/2017	RG_USGOLD	14.4	14.4	< 0.010	0.0110	< 0.00010	< 0.00010	< 10	13.00
06/06/2017	RG_USGOLD	11.7	12.9	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	26.00
06/06/2017	RG_USGOLD	15.3	12.3	< 0.010	0.0200	< 0.00010	< 0.00010	< 10	21.00
06/13/2017	RG_USGOLD	13.6	13.5	0.005	0.0130	0.00005	0.00005	5	5.00
06/13/2017	RG_USGOLD	14.1	15.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_USGOLD	14.5	13.4	< 0.010	0.0140	< 0.00010	< 0.00010	< 10	< 10
06/13/2017	RG_USGOLD	12.3	11.8	< 0.010	0.0200	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_USGOLD	15.3	13.2	0.005	0.0050	0.00005	0.00005	5	5.00
06/20/2017	RG_USGOLD	14.4	15.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_USGOLD	14.6	12.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/20/2017	RG_USGOLD	16.9	11.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_USGOLD	16.8	14.4	0.005	0.0050	0.00005	0.00005	5	5.00
06/27/2017	RG_USGOLD	14.1	17.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_USGOLD	16.6	13.3	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
06/27/2017	RG_USGOLD	19.7	12.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_USGOLD	16.1	17.2	0.005	0.0050	0.00005	0.00005	5	5.00
07/04/2017	RG_USGOLD	14.2	19.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_USGOLD	17.0	16.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/04/2017	RG_USGOLD	17.2	14.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_USGOLD	16.8	16.8	0.005	0.0050	0.00005	0.00005	5	5.00
07/11/2017	RG_USGOLD	14.8	21.7	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_USGOLD	17.9	15.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
07/11/2017	RG_USGOLD	17.6	13.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_USGOLD	23.1	17.4	0.005	0.0050	0.00005	0.00005	5	5.00
08/08/2017	RG_USGOLD	20.9	21.6	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_USGOLD	31.1	17.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
08/08/2017	RG_USGOLD	17.4	13.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_USGOLD	25.3	15.9	0.005	0.0050	0.00005	0.00005	5	5.00
09/18/2017	RG_USGOLD	24.7	17.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_USGOLD	25.8	16.9	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
09/18/2017	RG_USGOLD	25.4	13.5	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_USGOLD	27.5	14.6	0.005	0.0120	0.00005	0.00005	5	5.00
10/03/2017	RG_USGOLD	24.5	15.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_USGOLD	24.5	15.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
10/03/2017	RG_USGOLD	33.6	13.2	< 0.010	0.0260	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_USGOLD	26.7	8.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_USGOLD	27.0	8.2	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_USGOLD	28.9	7.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
11/08/2017	RG_USGOLD	27.5	7.9	0.005	0.0050	0.00005	0.00005	5	5.00
12/05/2017	RG_USGOLD	27.0	6.1	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_USGOLD	27.6	5.8	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_USGOLD	35.5	4.4	< 0.010	< 0.010	< 0.00010	< 0.00010	< 10	< 10
12/05/2017	RG_USGOLD	30.0	5.4	0.005	0.0050	0.00005	0.00005	5	5.00

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
04/11/2017	RG_BORDER	193	0.211	2.47	32.1	35.5	0.872	0.955	0.48
04/11/2017	RG_BORDER	179	0.203	2.50	30.7	33.2	0.869	0.964	< 0.50
04/11/2017	RG_BORDER	210	0.210	2.33	30.3	34.1	0.884	0.956	0.62
04/11/2017	RG_BORDER	190	0.220	2.59	35.2	39.1	0.864	0.945	0.56
04/17/2017	RG_BORDER	215	0.203	2.37	42.7	44.2	0.862	0.919	0.25
04/17/2017	RG_BORDER	198	0.203	2.38	39.1	37.6	0.866	0.926	< 0.50
04/17/2017	RG_BORDER	221	0.194	2.34	41.6	46.6	0.855	0.949	< 0.50
04/17/2017	RG_BORDER	226	0.211	2.40	47.5	48.3	0.864	0.882	< 0.50
04/24/2017	RG_BORDER	195	0.181	2.83	58.6	65.5	0.886	1.080	0.25
04/24/2017	RG_BORDER	197	0.174	2.57	51.4	58.6	0.835	1.070	< 0.50
04/24/2017	RG_BORDER	193	0.188	2.84	54.6	62.8	0.859	1.070	< 0.50
04/24/2017	RG_BORDER	195	0.181	3.09	69.7	75.2	0.965	1.100	< 0.50
05/02/2017	RG_BORDER	205	0.218	2.85	65.3	67.3	0.794	0.891	0.25
05/02/2017	RG_BORDER	214	0.195	2.96	56.2	62.4	0.825	0.879	< 0.50
05/02/2017	RG_BORDER	196	0.240	2.74	74.4	72.2	0.763	0.902	< 0.50
05/09/2017	RG_BORDER	152	0.261	4.60	151.7	151.0	0.728	0.795	0.25
05/09/2017	RG_BORDER	150	0.304	4.59	144.0	142.0	0.704	0.798	< 0.50
05/09/2017	RG_BORDER	153	0.239	4.61	151.0	164.0	0.778	0.785	< 0.50
05/09/2017	RG_BORDER	154	0.240	4.60	160.0	147.0	0.703	0.802	< 0.50
05/16/2017	RG_BORDER	144	0.139	3.08	54.4	60.9	0.640	0.643	0.25
05/16/2017	RG_BORDER	141	0.142	3.05	45.5	56.9	0.729	0.638	< 0.50
05/16/2017	RG_BORDER	145	0.136	3.04	52.5	59.4	0.585	0.633	< 0.50
05/16/2017	RG_BORDER	145	0.140	3.14	65.1	66.5	0.605	0.658	< 0.50
05/23/2017	RG_BORDER	147	0.116	2.29	22.7	19.7	0.663	0.657	0.25
05/23/2017	RG_BORDER	150	0.128	2.20	19.7	12.5	0.673	0.650	< 0.50
05/23/2017	RG_BORDER	147	0.116	2.36	22.1	22.4	0.646	0.663	< 0.50
05/23/2017	RG_BORDER	143	0.104	2.31	26.2	24.1	0.669	0.657	< 0.50
05/30/2017	RG_BORDER	131	0.133	2.45	42.2	37.2	0.582	0.596	0.25
05/30/2017	RG_BORDER	128	0.125	2.70	27.4	33.9	0.581	0.566	< 0.50
05/30/2017	RG_BORDER	126	0.139	2.30	48.7	53.5	0.580	0.592	< 0.50
05/30/2017	RG_BORDER	138	0.136	2.36	50.5	24.1	0.584	0.629	< 0.50
06/06/2017	RG_BORDER	130	0.147	2.14	47.4	65.0	0.585	0.614	0.25
06/06/2017	RG_BORDER	133	0.151	2.38	3.3	5.9	0.599	0.570	< 0.50
06/06/2017	RG_BORDER	123	0.136	1.92	66.3	90.9	0.578	0.632	< 0.50
06/06/2017	RG_BORDER	135	0.154	2.12	72.7	98.1	0.579	0.640	< 0.50
06/13/2017	RG_BORDER	128	0.152	1.79	36.4	44.7	0.624	0.623	0.36
06/13/2017	RG_BORDER	134	0.118	1.97	5.2	5.6	0.628	0.545	< 0.50
06/13/2017	RG_BORDER	126	0.134	1.71	37.2	49.0	0.534	0.643	0.59
06/13/2017	RG_BORDER	124	0.204	1.69	66.9	79.4	0.711	0.682	< 0.50
06/20/2017	RG_BORDER	129	0.099	1.59	15.3	23.5	0.646	0.588	0.25
06/20/2017	RG_BORDER	124	0.113	1.61	2.3	3.5	0.656	0.582	< 0.50
06/20/2017	RG_BORDER	131	0.081	1.61	14.0	22.3	0.643	0.587	< 0.50
06/20/2017	RG_BORDER	131	0.102	1.55	29.5	44.8	0.640	0.594	< 0.50
06/27/2017	RG_BORDER	131	0.112	1.74	8.4	11.8	0.642	0.639	0.25
06/27/2017	RG_BORDER	113	0.116	1.75	1.4	1.4	0.638	0.636	< 0.50

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
06/27/2017	RG_BORDER	129	0.107	1.67	12.7	16.5	0.621	0.617	< 0.50
06/27/2017	RG_BORDER	152	0.113	1.81	11.1	17.6	0.666	0.664	< 0.50
07/04/2017	RG_BORDER	134	0.147	1.75	6.0	8.5	0.590	0.573	0.25
07/04/2017	RG_BORDER	135	0.337	2.35	1.6	1.4	0.619	0.568	< 0.50
07/04/2017	RG_BORDER	120	< 0.050	1.18	7.9	9.0	0.554	0.550	< 0.50
07/04/2017	RG_BORDER	147	0.080	1.71	8.4	15.0	0.597	0.600	< 0.50
07/11/2017	RG_BORDER	124	0.100	1.59	3.4	5.3	0.619	0.632	0.25
07/11/2017	RG_BORDER	116	0.126	1.84	1.5	1.0	0.678	0.625	< 0.50
07/11/2017	RG_BORDER	129	0.076	1.21	3.6	3.8	0.584	0.596	< 0.50
07/11/2017	RG_BORDER	128	0.099	1.73	5.1	11.2	0.595	0.676	< 0.50
08/08/2017	RG_BORDER	131	0.057	1.49	2.0	1.3	0.631	0.600	0.25
08/08/2017	RG_BORDER	131	0.074	1.53	1.8	0.7	0.648	0.616	< 0.50
08/08/2017	RG_BORDER	130	< 0.050	1.25	1.8	0.8	0.608	0.580	< 0.50
08/08/2017	RG_BORDER	132	0.073	1.68	2.5	2.5	0.636	0.605	< 0.50
09/18/2017	RG_BORDER	149	0.073	1.30	1.3	1.0	0.649	0.652	0.25
09/18/2017	RG_BORDER	152	0.072	1.23	< 1.0	0.7	0.673	0.666	< 0.50
09/18/2017	RG_BORDER	152	0.066	1.18	1.6	0.6	0.674	0.674	< 0.50
09/18/2017	RG_BORDER	143	0.080	1.50	1.9	1.7	0.600	0.617	< 0.50
10/03/2017	RG_BORDER	156	0.065	1.18	2.0	1.2	0.725	0.723	0.25
10/03/2017	RG_BORDER	144	0.074	1.15	1.4	0.8	0.691	0.701	< 0.50
10/03/2017	RG_BORDER	153	0.066	1.21	1.3	0.8	0.691	0.696	< 0.50
10/03/2017	RG_BORDER	170	0.056	1.17	3.4	1.9	0.793	0.772	< 0.50
11/08/2017	RG_BORDER	160	0.090	1.19	1.7	1.0	0.671	0.691	< 0.50
11/08/2017	RG_BORDER	159	0.080	1.10	1.3	1.0	0.658	0.700	< 0.50
11/08/2017	RG_BORDER	169	0.073	1.13	1.8	1.1	0.687	0.708	< 0.50
11/08/2017	RG_BORDER	163	0.081	1.14	1.6	1.0	0.672	0.700	0.25
12/05/2017	RG_BORDER	149	0.082	1.36	1.2	0.7	0.771	0.685	< 0.50
12/05/2017	RG_BORDER	152	0.107	1.41	1.2	0.9	0.748	0.703	< 0.50
12/05/2017	RG_BORDER	161	0.102	1.33	2.6	1.7	0.750	0.739	< 0.50
12/05/2017	RG_BORDER	154	0.097	1.37	1.7	1.1	0.756	0.709	0.25
04/04/2017	RG_DSELK	213	0.357	4.21	130.0	78.8	0.964	1.150	< 0.50
04/11/2017	RG_DSELK	188	0.637	4.67	275.0	164.0	0.923	1.110	< 0.50
04/17/2017	RG_DSELK	226	0.561	7.97	527.0	262.0	0.886	1.050	< 0.50
04/24/2017	RG_DSELK	200	1.660	20.00	616.0	352.0	0.860	1.330	< 0.50
05/02/2017	RG_DSELK	205	0.403	5.59	229.0	108.0	0.773	0.950	< 0.50
05/09/2017	RG_DSELK	154	0.540	7.60	481.0	232.0	0.726	1.020	< 0.50
05/16/2017	RG_DSELK	153	0.179	3.22	93.2	66.6	0.669	0.737	< 0.50
05/23/2017	RG_DSELK	131	0.241	3.49	137.0	85.7	0.635	0.674	< 0.50
05/30/2017	RG_DSELK	136	0.358	5.30	254.0	160.0	0.588	0.717	< 0.50
06/06/2017	RG_DSELK	133	0.163	2.37	76.5	86.9	0.576	0.621	0.25
06/06/2017	RG_DSELK	124	0.157	2.41	76.5	88.1	0.594	0.624	< 0.50
06/06/2017	RG_DSELK	136	0.162	1.88	76.1	88.2	0.590	0.640	< 0.50
06/06/2017	RG_DSELK	138	0.170	2.82	76.9	84.4	0.545	0.598	< 0.50
06/13/2017	RG_DSELK	138	0.141	1.64	63.0	70.9	0.628	0.602	0.25
06/13/2017	RG_DSELK	149	0.147	1.45	42.3	46.1	0.626	0.586	< 0.50

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
06/13/2017	RG_DSELK	137	0.138	1.62	71.1	79.7	0.628	0.600	< 0.50
06/13/2017	RG_DSELK	128	0.139	1.85	75.7	86.9	0.629	0.621	< 0.50
06/20/2017	RG_DSELK	128	0.061	1.52	21.0	30.0	0.595	0.594	0.25
06/20/2017	RG_DSELK	126	0.059	1.56	13.1	20.5	0.607	0.621	< 0.50
06/20/2017	RG_DSELK	132	0.060	1.53	23.9	33.6	0.588	0.575	< 0.50
06/20/2017	RG_DSELK	126	0.065	1.46	26.0	36.0	0.591	0.586	< 0.50
06/27/2017	RG_DSELK	109	0.100	1.28	6.9	6.6	0.542	0.548	0.25
06/27/2017	RG_DSELK	122	0.123	1.59	1.1	1.5	0.553	0.548	< 0.50
06/27/2017	RG_DSELK	100	0.097	1.18	7.3	7.3	0.535	0.553	< 0.50
06/27/2017	RG_DSELK	104	0.081	1.06	12.4	10.9	0.537	0.544	< 0.50
07/04/2017	RG_DSELK	130	0.054	1.29	5.2	5.0	0.592	0.568	0.25
07/04/2017	RG_DSELK	123	0.080	1.77	1.7	1.2	0.608	0.588	< 0.50
07/04/2017	RG_DSELK	143	0.056	1.09	3.4	3.2	0.606	0.576	< 0.50
07/04/2017	RG_DSELK	124	< 0.050	1.00	10.6	10.5	0.562	0.539	< 0.50
07/11/2017	RG_DSELK	122	0.110	1.22	3.9	2.6	0.651	0.624	0.25
07/11/2017	RG_DSELK	119	0.148	1.60	1.2	0.7	0.657	0.587	< 0.50
07/11/2017	RG_DSELK	132	0.107	1.10	2.5	1.6	0.698	0.697	< 0.50
07/11/2017	RG_DSELK	114	0.076	0.97	8.1	5.4	0.599	0.589	< 0.50
08/08/2017	RG_DSELK	145	0.082	1.41	3.9	4.1	0.693	0.654	0.25
08/08/2017	RG_DSELK	151	0.078	1.28	1.6	0.7	0.718	0.663	< 0.50
08/08/2017	RG_DSELK	138	0.086	1.54	6.2	7.5	0.667	0.645	< 0.50
09/18/2017	RG_DSELK	171	0.108	1.16	2.2	1.1	0.704	0.742	0.25
09/18/2017	RG_DSELK	165	0.114	1.25	1.5	0.6	0.675	0.732	< 0.50
09/18/2017	RG_DSELK	164	0.119	1.12	1.2	0.7	0.680	0.716	< 0.50
09/18/2017	RG_DSELK	183	0.092	1.11	3.9	1.9	0.757	0.778	< 0.50
10/03/2017	RG_DSELK	159	0.141	1.18	1.5	1.0	0.772	0.759	0.25
10/03/2017	RG_DSELK	154	0.127	1.17	< 1.0	0.6	0.754	0.718	< 0.50
10/03/2017	RG_DSELK	140	0.090	1.18	< 1.0	0.6	0.733	0.721	< 0.50
10/03/2017	RG_DSELK	184	0.206	1.18	3.4	1.8	0.829	0.839	< 0.50
11/08/2017	RG_DSELK	159	0.087	1.16	< 1.0	0.8	0.705	0.714	< 0.50
11/08/2017	RG_DSELK	162	0.117	1.13	1.3	1.1	0.755	0.754	< 0.50
11/08/2017	RG_DSELK	178	0.132	1.11	1.7	1.2	0.762	0.785	< 0.50
11/08/2017	RG_DSELK	166	0.112	1.13	1.2	1.0	0.741	0.751	0.25
12/05/2017	RG_DSELK	160	0.147	1.64	2.8	2.0	0.734	0.730	< 0.50
12/05/2017	RG_DSELK	189	< 0.050	1.55	1.8	1.5	0.811	0.794	< 0.50
12/05/2017	RG_DSELK	192	0.130	1.53	2.0	1.9	0.788	0.775	< 0.50
12/05/2017	RG_DSELK	180	0.101	1.57	2.2	1.8	0.778	0.766	0.25
01/03/2017	RG_ELKMOUTH	259	0.105	0.80	1.1	1.3	1.050	1.160	< 0.50
02/08/2017	RG_ELKMOUTH	265	0.103	0.57	< 1.0	0.5	0.996	1.050	< 0.50
03/07/2017	RG_ELKMOUTH	256	0.086	0.96	< 1.0	0.6	0.856	0.972	< 0.50
03/14/2017	RG_ELKMOUTH	252	0.160	0.99	4.7	3.8	0.846	0.927	< 0.50
03/21/2017	RG_ELKMOUTH	191	0.213	3.15	52.8	34.8	0.553	0.632	< 0.50
03/28/2017	RG_ELKMOUTH	228	0.116	1.70	8.0	6.6	0.618	0.681	< 0.50
04/04/2017	RG_ELKMOUTH	212	0.147	2.35	7.9	5.3	0.694	0.734	< 0.50
04/11/2017	RG_ELKMOUTH	212	0.194	2.01	3.8	6.5	0.740	0.736	< 0.50

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04/18/2017	RG_ELKMOUTH	226	0.121	2.04	6.4	4.9	0.726	0.762	< 0.50
04/25/2017	RG_ELKMOUTH	194	0.228	2.69	44.2	19.8	0.631	0.655	< 0.50
05/01/2017	RG_ELKMOUTH	229	0.146	2.70	17.2	8.3	0.682	0.693	< 0.50
05/09/2017	RG_ELKMOUTH	173	0.292	4.30	68.2	45.1	0.606	0.656	< 0.50
05/16/2017	RG_ELKMOUTH	193	0.261	3.34	55.7	21.5	0.679	0.681	< 0.50
05/23/2017	RG_ELKMOUTH	154	0.254	4.50	108.0	62.1	0.509	0.566	< 0.50
05/30/2017	RG_ELKMOUTH	156	0.377	6.62	223.0	150.0	0.482	0.679	< 0.50
06/06/2017	RG_ELKMOUTH	156	0.220	3.59	153.0	86.5	0.505	0.695	< 0.50
06/13/2017	RG_ELKMOUTH	168	0.201	1.63	61.1	34.7	0.598	0.596	< 0.50
06/20/2017	RG_ELKMOUTH	179	0.119	1.82	39.0	24.5	0.624	0.624	< 0.50
06/27/2017	RG_ELKMOUTH	163	0.120	1.45	20.2	9.6	0.701	0.698	< 0.50
07/04/2017	RG_ELKMOUTH	180	0.097	0.81	7.4	2.9	0.708	0.685	< 0.50
07/11/2017	RG_ELKMOUTH	181	0.096	1.31	3.0	2.7	0.712	0.797	< 0.50
08/01/2017	RG_ELKMOUTH	237	0.091	0.96	3.2	1.4	0.843	0.841	< 0.50
09/19/2017	RG_ELKMOUTH	244	0.077	0.86	3.4	1.0	1.000	0.963	< 0.50
10/03/2017	RG_ELKMOUTH	245	0.199	0.70	< 1.0	0.4	0.890	0.890	< 0.50
11/08/2017	RG_ELKMOUTH	243	0.081	0.77	< 1.0	0.5	0.987	0.982	< 0.50
12/05/2017	RG_ELKMOUTH	236	0.142	1.13	1.1	0.6	0.885	0.833	< 0.50
04/04/2017	RG_GRASMERE	214	0.222	2.40	60.7	47.9	0.980	1.025	0.25
04/04/2017	RG_GRASMERE	212	0.231	2.33	54.6	47.1	0.964	1.030	< 0.50
04/04/2017	RG_GRASMERE	215	0.213	2.47	66.7	48.7	0.996	1.020	< 0.50
04/11/2017	RG_GRASMERE	200	0.276	3.14	95.6	77.0	0.902	1.010	< 0.50
04/17/2017	RG_GRASMERE	230	0.227	2.71	110.0	79.1	0.882	0.999	< 0.50
04/24/2017	RG_GRASMERE	221	0.381	2.90	80.6	78.2	0.921	1.010	< 0.50
05/02/2017	RG_GRASMERE	203	0.316	8.26	825.0	340.0	0.855	1.320	< 0.50
05/09/2017	RG_GRASMERE	154	0.464	3.28	435.0	225.0	0.731	0.943	< 0.50
05/16/2017	RG_GRASMERE	151	0.134	2.55	38.5	41.2	0.660	0.698	< 0.50
05/23/2017	RG_GRASMERE	139	0.159	2.38	38.2	35.5	0.650	0.672	< 0.50
05/30/2017	RG_GRASMERE	117	0.210	2.96	117.0	85.8	0.628	0.662	< 0.50
06/06/2017	RG_GRASMERE	129	0.112	1.96	72.7	90.4	0.598	0.626	0.25
06/06/2017	RG_GRASMERE	134	0.102	1.68	67.2	84.3	0.617	0.628	< 0.50
06/06/2017	RG_GRASMERE	124	0.113	2.20	78.5	97.1	0.606	0.647	< 0.50
06/06/2017	RG_GRASMERE	130	0.121	2.01	72.3	89.8	0.570	0.603	< 0.50
06/13/2017	RG_GRASMERE	129	0.144	1.70	61.9	67.4	0.632	0.602	0.25
06/13/2017	RG_GRASMERE	135	0.156	1.94	28.1	35.6	0.621	0.582	< 0.50
06/13/2017	RG_GRASMERE	127	0.137	1.67	68.3	78.8	0.640	0.607	< 0.50
06/13/2017	RG_GRASMERE	125	0.139	1.50	89.2	87.8	0.635	0.618	< 0.50
06/20/2017	RG_GRASMERE	128	0.123	1.52	17.0	19.9	0.592	0.589	0.25
06/20/2017	RG_GRASMERE	128	0.164	1.77	3.1	3.0	0.606	0.592	< 0.50
06/20/2017	RG_GRASMERE	123	0.146	1.50	15.4	22.9	0.583	0.579	< 0.50
06/20/2017	RG_GRASMERE	132	0.059	1.30	32.4	33.8	0.587	0.595	< 0.50
06/27/2017	RG_GRASMERE	133	0.108	1.33	7.2	5.7	0.543	0.533	0.25
06/27/2017	RG_GRASMERE	133	0.084	1.63	< 1.0	1.4	0.542	0.523	< 0.50
06/27/2017	RG_GRASMERE	130	0.108	1.22	5.7	5.9	0.545	0.532	< 0.50
06/27/2017	RG_GRASMERE	135	0.132	1.14	15.5	9.8	0.543	0.543	< 0.50

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
07/04/2017	RG_GRASMERE	129	0.064	1.42	4.6	4.5	0.574	0.561	0.25
07/04/2017	RG_GRASMERE	124	0.095	1.95	1.2	0.9	0.611	0.565	< 0.50
07/04/2017	RG_GRASMERE	125	0.071	1.19	1.7	11.4	0.544	0.565	< 0.50
07/04/2017	RG_GRASMERE	139	< 0.050	1.13	11.0	1.3	0.566	0.553	< 0.50
07/11/2017	RG_GRASMERE	118	0.111	1.34	5.6	3.6	0.607	0.603	0.25
07/11/2017	RG_GRASMERE	119	0.191	1.79	< 1.0	1.0	0.633	0.614	< 0.50
07/11/2017	RG_GRASMERE	114	0.062	0.88	7.3	5.3	0.558	0.573	< 0.50
07/11/2017	RG_GRASMERE	122	0.081	1.34	9.1	4.6	0.630	0.621	< 0.50
08/08/2017	RG_GRASMERE	139	0.089	1.35	1.7	0.7	0.693	0.640	0.25
08/08/2017	RG_GRASMERE	136	0.113	1.47	1.6	0.5	0.689	0.625	< 0.50
08/08/2017	RG_GRASMERE	142	0.065	1.22	1.8	1.0	0.697	0.655	< 0.50
09/18/2017	RG_GRASMERE	168	0.072	1.18	2.2	0.8	0.703	0.731	0.25
09/18/2017	RG_GRASMERE	163	0.081	1.28	1.6	0.6	0.699	0.706	< 0.50
09/18/2017	RG_GRASMERE	161	0.067	1.13	2.0	0.7	0.682	0.728	< 0.50
09/18/2017	RG_GRASMERE	180	0.069	1.14	2.9	1.2	0.727	0.760	< 0.50
10/03/2017	RG_GRASMERE	156	0.061	1.02	1.4	0.6	0.759	0.737	0.25
10/03/2017	RG_GRASMERE	155	0.066	0.99	1.2	0.5	0.754	0.728	< 0.50
10/03/2017	RG_GRASMERE	148	0.059	1.14	1.1	0.6	0.731	0.701	< 0.50
10/03/2017	RG_GRASMERE	164	0.058	0.93	2.0	0.8	0.791	0.782	< 0.50
11/08/2017	RG_GRASMERE	167	0.076	1.16	1.0	0.8	0.721	0.718	< 0.50
11/08/2017	RG_GRASMERE	163	0.085	1.28	1.0	0.8	0.724	0.825	< 0.50
11/08/2017	RG_GRASMERE	163	< 0.050	1.05	2.1	1.6	0.738	0.717	< 0.50
11/08/2017	RG_GRASMERE	164	0.062	1.16	1.4	1.0	0.728	0.753	0.25
12/05/2017	RG_GRASMERE	164	0.082	1.56	1.1	1.0	0.727	0.699	< 0.50
12/05/2017	RG_GRASMERE	178	0.106	1.54	1.6	1.3	0.763	0.755	< 0.50
12/05/2017	RG_GRASMERE	189	0.101	1.43	2.0	1.7	0.849	0.833	< 0.50
12/05/2017	RG_GRASMERE	177	0.096	1.51	1.6	1.3	0.780	0.762	0.25
04/24/2017	RG_KERRRD	186	0.210	3.20	109.0	56.0	0.781	0.848	< 0.50
05/02/2017	RG_KERRRD	204	0.102	2.72	37.8	12.5	0.806	0.845	< 0.50
05/09/2017	RG_KERRRD	141	0.305	4.15	207.0	133.0	0.666	0.775	< 0.50
05/16/2017	RG_KERRRD	146	0.131	2.68	72.4	49.7	0.660	0.706	< 0.50
05/23/2017	RG_KERRRD	126	0.282	3.21	187.0	20.7	0.652	0.738	< 0.50
05/30/2017	RG_KERRRD	114	0.266	4.31	243.0	165.0	0.611	0.788	< 0.50
06/06/2017	RG_KERRRD	111	0.155	2.46	114.0	111.5	0.643	0.701	0.25
06/06/2017	RG_KERRRD	109	0.149	2.19	103.0	108.0	0.650	0.722	< 0.50
06/06/2017	RG_KERRRD	113	0.161	2.72	125.0	115.0	0.635	0.680	< 0.50
06/13/2017	RG_KERRRD	125	0.116	1.43	62.9	66.8	0.653	0.612	0.25
06/13/2017	RG_KERRRD	124	0.114	1.48	62.4	73.2	0.657	0.613	< 0.50
06/13/2017	RG_KERRRD	125	0.117	1.37	63.3	60.3	0.648	0.611	< 0.50
06/20/2017	RG_KERRRD	123	0.066	1.47	27.8	34.9	0.609	0.614	0.25
06/20/2017	RG_KERRRD	121	0.073	1.49	28.4	34.4	0.602	0.617	< 0.50
06/20/2017	RG_KERRRD	124	0.062	1.34	26.3	34.6	0.626	0.621	< 0.50
06/20/2017	RG_KERRRD	124	0.063	1.57	28.7	35.7	0.599	0.604	< 0.50
06/27/2017	RG_KERRRD	117	0.106	1.07	13.1	9.8	0.561	0.561	0.25
06/27/2017	RG_KERRRD	123	0.104	1.09	12.2	8.6	0.555	0.559	< 0.50

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
06/27/2017	RG_KERRRD	111	0.101	1.00	13.2	8.8	0.562	0.559	< 0.50
06/27/2017	RG_KERRRD	117	0.112	1.13	14.0	11.8	0.567	0.565	< 0.50
07/04/2017	RG_KERRRD	118	0.042	1.25	6.2	6.3	0.565	0.545	0.25
07/04/2017	RG_KERRRD	127	0.077	1.40	2.4	2.7	0.600	0.554	< 0.50
07/04/2017	RG_KERRRD	115	< 0.050	1.12	8.7	9.5	0.554	0.534	< 0.50
07/04/2017	RG_KERRRD	111	< 0.050	1.22	7.6	6.6	0.541	0.547	< 0.50
07/11/2017	RG_KERRRD	131	0.082	1.26	5.3	3.1	0.593	0.589	0.25
07/11/2017	RG_KERRRD	166	0.105	1.79	2.0	1.3	0.603	0.620	< 0.50
07/11/2017	RG_KERRRD	114	0.070	1.01	6.0	3.1	0.596	0.570	< 0.50
07/11/2017	RG_KERRRD	113	0.072	0.97	7.8	4.9	0.579	0.578	< 0.50
08/08/2017	RG_KERRRD	145	0.071	1.06	0.8	1.7	0.712	0.663	0.25
08/08/2017	RG_KERRRD	143	0.070	1.21	< 1.0	0.7	0.658	0.625	< 0.50
08/08/2017	RG_KERRRD	147	0.065	1.04	< 1.0	1.1	0.744	0.686	< 0.50
08/08/2017	RG_KERRRD	146	0.078	0.93	1.4	3.2	0.733	0.677	< 0.50
09/18/2017	RG_KERRRD	176	0.070	1.17	2.6	1.2	0.710	0.740	0.25
09/18/2017	RG_KERRRD	171	0.064	1.18	2.1	0.7	0.690	0.732	< 0.50
09/18/2017	RG_KERRRD	172	0.070	1.20	2.3	0.7	0.693	0.708	< 0.50
09/18/2017	RG_KERRRD	184	0.076	1.14	3.3	2.1	0.747	0.779	< 0.50
10/03/2017	RG_KERRRD	167	0.062	1.24	1.7	0.8	0.807	0.766	0.25
10/03/2017	RG_KERRRD	158	< 0.050	1.30	1.4	0.4	0.764	0.687	< 0.50
10/03/2017	RG_KERRRD	155	0.075	1.19	< 1.0	0.4	0.760	0.736	< 0.50
10/03/2017	RG_KERRRD	187	0.087	1.22	3.2	1.7	0.897	0.874	< 0.50
11/08/2017	RG_KERRRD	184	< 0.050	1.12	< 1.0	1.2	0.802	0.742	< 0.50
11/08/2017	RG_KERRRD	187	< 0.050	1.27	1.1	1.0	0.769	0.735	< 0.50
11/08/2017	RG_KERRRD	190	0.061	1.17	< 1.0	1.3	0.777	0.804	< 0.50
11/08/2017	RG_KERRRD	187	0.037	1.19	0.7	1.2	0.783	0.760	0.25
12/05/2017	RG_KERRRD	178	< 0.050	1.60	3.9	3.3	0.804	0.781	< 0.50
12/05/2017	RG_KERRRD	170	0.075	1.69	3.1	3.9	0.817	0.763	< 0.50
12/05/2017	RG_KERRRD	198	0.076	1.61	3.6	3.4	0.839	0.817	< 0.50
12/05/2017	RG_KERRRD	182	0.059	1.63	3.5	3.6	0.820	0.787	0.25
04/04/2017	RG_USGOLD	209	0.178	1.96	32.0	28.5	0.946	0.998	0.25
04/04/2017	RG_USGOLD	206	0.160	1.79	29.0	24.7	0.926	0.985	< 0.50
04/04/2017	RG_USGOLD	211	0.196	2.13	34.9	32.2	0.966	1.010	< 0.50
04/11/2017	RG_USGOLD	207	0.244	2.52	68.7	66.1	0.890	0.957	< 0.50
04/17/2017	RG_USGOLD	258	0.223	2.40	87.4	78.5	0.929	1.010	< 0.50
04/24/2017	RG_USGOLD	197	0.451	5.17	323.0	222.0	0.918	1.060	< 0.50
05/02/2017	RG_USGOLD	215	0.258	3.66	220.0	157.0	1.070	1.230	< 0.50
05/09/2017	RG_USGOLD	152	0.281	4.06	154.0	127.0	0.730	0.806	< 0.50
05/16/2017	RG_USGOLD	147	0.141	2.63	58.1	59.0	0.652	0.691	< 0.50
05/23/2017	RG_USGOLD	139	0.172	2.70	68.7	52.5	0.632	0.633	< 0.50
05/30/2017	RG_USGOLD	132	0.177	3.12	84.8	73.8	0.561	0.598	0.25
05/30/2017	RG_USGOLD	134	0.151	2.90	62.1	64.9	0.551	0.576	< 0.50
05/30/2017	RG_USGOLD	134	0.167	3.20	95.0	88.7	0.563	0.598	< 0.50
05/30/2017	RG_USGOLD	127	0.213	3.25	97.2	67.9	0.570	0.620	< 0.50
06/06/2017	RG_USGOLD	132	0.206	2.03	52.9	75.5	0.586	0.616	0.25

Sample Date	Location	Total Dissolved Solids (Residue, Filterable) mg/l	Total Kjeldahl Nitrogen mg/l	Total Organic Carbon - Total mg/l	Total Suspended Solids, Lab mg/l	Turbidity, Lab NTU	Uranium - Dissolved µg/l	Uranium - Total µg/l	Vanadium - Dissolved µg/l
06/06/2017	RG_USGOLD	139	0.351	1.98	26.2	39.3	0.597	0.604	< 0.50
06/06/2017	RG_USGOLD	117	0.120	1.87	57.6	91.1	0.609	0.638	< 0.50
06/06/2017	RG_USGOLD	141	0.147	2.23	74.9	96.0	0.552	0.607	< 0.50
06/13/2017	RG_USGOLD	130	0.146	1.71	49.9	46.1	0.632	0.595	0.25
06/13/2017	RG_USGOLD	137	0.124	1.91	5.6	7.0	0.609	0.550	< 0.50
06/13/2017	RG_USGOLD	131	0.176	1.56	47.3	58.0	0.646	0.599	< 0.50
06/13/2017	RG_USGOLD	123	0.138	1.67	96.8	73.3	0.641	0.636	< 0.50
06/20/2017	RG_USGOLD	127	0.093	1.59	12.9	19.4	0.593	0.579	0.25
06/20/2017	RG_USGOLD	127	0.108	1.88	1.9	3.4	0.597	0.589	< 0.50
06/20/2017	RG_USGOLD	120	0.084	1.35	9.4	15.8	0.585	0.559	< 0.50
06/20/2017	RG_USGOLD	135	0.087	1.55	27.5	38.9	0.597	0.589	< 0.50
06/27/2017	RG_USGOLD	124	0.116	1.52	8.5	6.0	0.542	0.543	0.25
06/27/2017	RG_USGOLD	118	0.164	1.73	< 1.0	1.1	0.554	0.539	< 0.50
06/27/2017	RG_USGOLD	123	0.098	1.57	10.0	5.7	0.522	0.547	< 0.50
06/27/2017	RG_USGOLD	130	0.087	1.25	14.9	11.2	0.550	0.543	< 0.50
07/04/2017	RG_USGOLD	132	0.049	1.36	5.2	6.2	0.581	0.555	0.25
07/04/2017	RG_USGOLD	131	0.098	1.71	1.4	1.4	0.613	0.582	< 0.50
07/04/2017	RG_USGOLD	126	< 0.050	1.23	3.4	3.1	0.568	0.538	< 0.50
07/04/2017	RG_USGOLD	139	< 0.050	1.15	10.9	14.1	0.561	0.544	< 0.50
07/11/2017	RG_USGOLD	122	0.102	1.40	3.7	3.7	0.632	0.618	0.25
07/11/2017	RG_USGOLD	124	0.123	1.91	1.2	0.9	0.670	0.622	< 0.50
07/11/2017	RG_USGOLD	118	0.075	0.97	5.0	3.9	0.589	0.591	< 0.50
07/11/2017	RG_USGOLD	123	0.107	1.32	5.0	6.3	0.638	0.640	< 0.50
08/08/2017	RG_USGOLD	145	0.073	1.26	1.7	1.0	0.684	0.654	0.25
08/08/2017	RG_USGOLD	138	0.095	1.44	1.7	0.5	0.669	0.629	< 0.50
08/08/2017	RG_USGOLD	172	0.054	1.02	1.6	0.6	0.757	0.734	< 0.50
08/08/2017	RG_USGOLD	126	0.070	1.32	1.8	2.0	0.627	0.598	< 0.50
09/18/2017	RG_USGOLD	165	0.062	1.16	2.7	1.6	0.689	0.717	0.25
09/18/2017	RG_USGOLD	162	0.056	1.16	1.0	0.7	0.678	0.705	< 0.50
09/18/2017	RG_USGOLD	166	0.065	1.14	1.8	0.7	0.692	0.726	< 0.50
09/18/2017	RG_USGOLD	167	0.065	1.19	5.3	3.5	0.698	0.719	< 0.50
10/03/2017	RG_USGOLD	161	0.055	1.01	1.6	1.1	0.748	0.756	0.25
10/03/2017	RG_USGOLD	150	0.052	1.04	< 1.0	0.5	0.688	0.736	< 0.50
10/03/2017	RG_USGOLD	158	0.056	0.96	< 1.0	0.5	0.726	0.720	< 0.50
10/03/2017	RG_USGOLD	175	0.057	1.03	3.8	2.2	0.830	0.813	< 0.50
11/08/2017	RG_USGOLD	164	0.085	1.47	< 1.0	0.7	0.679	0.687	< 0.50
11/08/2017	RG_USGOLD	165	0.071	1.04	< 1.0	0.9	0.677	0.699	< 0.50
11/08/2017	RG_USGOLD	174	0.080	1.22	2.4	1.4	0.698	0.721	< 0.50
11/08/2017	RG_USGOLD	168	0.079	1.24	1.1	1.0	0.685	0.702	0.25
12/05/2017	RG_USGOLD	156	0.099	1.25	1.0	1.1	0.743	0.719	< 0.50
12/05/2017	RG_USGOLD	162	0.051	1.48	1.4	0.9	0.756	0.715	< 0.50
12/05/2017	RG_USGOLD	182	0.059	1.54	2.3	2.1	0.824	0.815	< 0.50
12/05/2017	RG_USGOLD	167	0.070	1.42	1.6	1.4	0.774	0.750	0.25

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
04/11/2017	RG_BORDER	1.68	2.23	5.13
04/11/2017	RG_BORDER	1.64	< 3.0	4.30
04/11/2017	RG_BORDER	1.65	3.70	5.30
04/11/2017	RG_BORDER	1.74	< 3.0	5.80
04/17/2017	RG_BORDER	1.84	1.50	5.03
04/17/2017	RG_BORDER	1.81	< 3.0	4.90
04/17/2017	RG_BORDER	1.79	< 3.0	4.80
04/17/2017	RG_BORDER	1.93	< 3.0	5.40
04/24/2017	RG_BORDER	3.59	1.50	7.03
04/24/2017	RG_BORDER	2.86	< 3.0	6.30
04/24/2017	RG_BORDER	3.33	< 3.0	6.60
04/24/2017	RG_BORDER	4.57	< 3.0	8.20
05/02/2017	RG_BORDER	2.42	1.50	8.70
05/02/2017	RG_BORDER	2.13	< 3.0	9.10
05/02/2017	RG_BORDER	2.70	< 3.0	8.30
05/09/2017	RG_BORDER	3.43	1.50	12.93
05/09/2017	RG_BORDER	3.39	< 3.0	12.70
05/09/2017	RG_BORDER	3.44	< 3.0	12.70
05/09/2017	RG_BORDER	3.45	< 3.0	13.40
05/16/2017	RG_BORDER	1.49	1.50	5.57
05/16/2017	RG_BORDER	1.41	< 3.0	5.20
05/16/2017	RG_BORDER	1.59	< 3.0	5.40
05/16/2017	RG_BORDER	1.48	< 3.0	6.10
05/23/2017	RG_BORDER	0.53	1.50	2.23
05/23/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
05/23/2017	RG_BORDER	0.75	< 3.0	< 3.0
05/23/2017	RG_BORDER	0.60	< 3.0	3.70
05/30/2017	RG_BORDER	1.44	1.50	6.37
05/30/2017	RG_BORDER	0.92	< 3.0	5.40
05/30/2017	RG_BORDER	1.47	< 3.0	6.30
05/30/2017	RG_BORDER	1.92	< 3.0	7.40
06/06/2017	RG_BORDER	1.42	1.50	4.53
06/06/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
06/06/2017	RG_BORDER	2.06	< 3.0	6.10
06/06/2017	RG_BORDER	1.96	< 3.0	6.00
06/13/2017	RG_BORDER	1.16	1.50	4.23
06/13/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
06/13/2017	RG_BORDER	1.37	< 3.0	4.50
06/13/2017	RG_BORDER	1.86	< 3.0	6.70
06/20/2017	RG_BORDER	0.59	1.50	2.03
06/20/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
06/20/2017	RG_BORDER	0.59	< 3.0	< 3.0
06/20/2017	RG_BORDER	0.93	< 3.0	3.10
06/27/2017	RG_BORDER	0.37	1.50	2.13
06/27/2017	RG_BORDER	< 0.50	< 3.0	< 3.0

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
06/27/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
06/27/2017	RG_BORDER	0.60	< 3.0	3.40
07/04/2017	RG_BORDER	0.34	1.50	1.50
07/04/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
07/04/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
07/04/2017	RG_BORDER	0.53	< 3.0	< 3.0
07/11/2017	RG_BORDER	0.25	1.50	1.50
07/11/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
07/11/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
07/11/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
08/08/2017	RG_BORDER	0.25	1.50	1.50
08/08/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
08/08/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
08/08/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
09/18/2017	RG_BORDER	0.25	1.50	1.50
09/18/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
09/18/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
09/18/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
10/03/2017	RG_BORDER	0.25	1.50	1.50
10/03/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
10/03/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
10/03/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
11/08/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
11/08/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
11/08/2017	RG_BORDER	< 0.50	4.00	< 3.0
11/08/2017	RG_BORDER	0.25	2.33	1.50
12/05/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
12/05/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
12/05/2017	RG_BORDER	< 0.50	< 3.0	< 3.0
12/05/2017	RG_BORDER	0.25	1.50	1.50
04/04/2017	RG_DSELK	3.78	< 3.0	25.20
04/11/2017	RG_DSELK	5.36	< 3.0	25.10
04/17/2017	RG_DSELK	2.76	< 3.0	18.50
04/24/2017	RG_DSELK	13.50	< 3.0	59.20
05/02/2017	RG_DSELK	4.68	< 3.0	21.40
05/09/2017	RG_DSELK	7.35	< 3.0	36.90
05/16/2017	RG_DSELK	1.75	< 3.0	8.90
05/23/2017	RG_DSELK	1.77	< 3.0	9.20
05/30/2017	RG_DSELK	5.00	< 3.0	19.00
06/06/2017	RG_DSELK	1.88	1.50	6.03
06/06/2017	RG_DSELK	1.91	< 3.0	5.70
06/06/2017	RG_DSELK	1.31	< 3.0	5.30
06/06/2017	RG_DSELK	2.41	< 3.0	7.10
06/13/2017	RG_DSELK	1.38	1.50	6.03
06/13/2017	RG_DSELK	1.49	< 3.0	5.60

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
06/13/2017	RG_DSELK	1.29	< 3.0	5.60
06/13/2017	RG_DSELK	1.36	< 3.0	6.90
06/20/2017	RG_DSELK	0.55	1.50	1.50
06/20/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
06/20/2017	RG_DSELK	0.63	< 3.0	< 3.0
06/20/2017	RG_DSELK	0.78	< 3.0	< 3.0
06/27/2017	RG_DSELK	0.34	1.50	1.50
06/27/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
06/27/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
06/27/2017	RG_DSELK	0.52	< 3.0	< 3.0
07/04/2017	RG_DSELK	0.25	1.50	1.50
07/04/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
07/04/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
07/04/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
07/11/2017	RG_DSELK	0.25	1.50	1.50
07/11/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
07/11/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
07/11/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
08/08/2017	RG_DSELK	0.25	1.50	1.50
08/08/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
08/08/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
09/18/2017	RG_DSELK	0.25	1.50	2.50
09/18/2017	RG_DSELK	< 0.50	< 3.0	4.50
09/18/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
09/18/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
10/03/2017	RG_DSELK	0.25	1.50	1.50
10/03/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
10/03/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
10/03/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
11/08/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
11/08/2017	RG_DSELK	< 0.50	< 3.0	3.20
11/08/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
11/08/2017	RG_DSELK	0.25	1.50	2.07
12/05/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
12/05/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
12/05/2017	RG_DSELK	< 0.50	< 3.0	< 3.0
12/05/2017	RG_DSELK	0.25	1.50	1.50
01/03/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
02/08/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
03/07/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
03/14/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
03/21/2017	RG_ELKMOUTH	2.39	< 3.0	7.50
03/28/2017	RG_ELKMOUTH	0.78	< 3.0	< 3.0
04/04/2017	RG_ELKMOUTH	0.77	< 3.0	< 3.0
04/11/2017	RG_ELKMOUTH	0.63	< 3.0	< 3.0

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
04/18/2017	RG_ELKMOUTH	0.56	< 3.0	< 3.0
04/25/2017	RG_ELKMOUTH	1.92	< 3.0	4.70
05/01/2017	RG_ELKMOUTH	0.82	< 3.0	< 3.0
05/09/2017	RG_ELKMOUTH	2.94	< 3.0	8.60
05/16/2017	RG_ELKMOUTH	2.05	< 3.0	5.80
05/23/2017	RG_ELKMOUTH	2.82	< 3.0	10.40
05/30/2017	RG_ELKMOUTH	5.94	< 3.0	20.70
06/06/2017	RG_ELKMOUTH	4.77	< 3.0	13.80
06/13/2017	RG_ELKMOUTH	1.99	< 3.0	7.00
06/20/2017	RG_ELKMOUTH	1.62	< 3.0	3.60
06/27/2017	RG_ELKMOUTH	0.89	< 3.0	< 3.0
07/04/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
07/11/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
08/01/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
09/19/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
10/03/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
11/08/2017	RG_ELKMOUTH	< 0.50	< 3.0	< 3.0
12/05/2017	RG_ELKMOUTH	< 0.50	< 3.0	3.20
04/04/2017	RG_GRASMERE	1.77	1.50	5.80
04/04/2017	RG_GRASMERE	1.81	< 3.0	5.40
04/04/2017	RG_GRASMERE	1.72	< 3.0	6.20
04/11/2017	RG_GRASMERE	2.63	3.20	10.20
04/17/2017	RG_GRASMERE	2.64	< 3.0	11.60
04/24/2017	RG_GRASMERE	2.38	< 3.0	8.10
05/02/2017	RG_GRASMERE	12.10	< 3.0	61.20
05/09/2017	RG_GRASMERE	6.24	< 3.0	32.20
05/16/2017	RG_GRASMERE	1.21	< 3.0	4.40
05/23/2017	RG_GRASMERE	0.78	< 3.0	4.30
05/30/2017	RG_GRASMERE	2.05	< 3.0	9.30
06/06/2017	RG_GRASMERE	1.62	1.50	5.27
06/06/2017	RG_GRASMERE	1.18	< 3.0	3.90
06/06/2017	RG_GRASMERE	2.26	< 3.0	6.10
06/06/2017	RG_GRASMERE	1.41	< 3.0	5.80
06/13/2017	RG_GRASMERE	1.33	1.50	6.23
06/13/2017	RG_GRASMERE	0.96	< 3.0	3.60
06/13/2017	RG_GRASMERE	1.48	< 3.0	8.10
06/13/2017	RG_GRASMERE	1.56	< 3.0	7.00
06/20/2017	RG_GRASMERE	0.54	1.50	1.50
06/20/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
06/20/2017	RG_GRASMERE	0.55	< 3.0	< 3.0
06/20/2017	RG_GRASMERE	0.81	< 3.0	< 3.0
06/27/2017	RG_GRASMERE	0.25	1.50	1.50
06/27/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
06/27/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
06/27/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
07/04/2017	RG_GRASMERE	0.25	1.50	1.50
07/04/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
07/04/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
07/04/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
07/11/2017	RG_GRASMERE	0.25	1.50	11.33
07/11/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
07/11/2017	RG_GRASMERE	< 0.50	< 3.0	31.00
07/11/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
08/08/2017	RG_GRASMERE	0.25	1.50	1.50
08/08/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
08/08/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
09/18/2017	RG_GRASMERE	0.25	1.50	2.00
09/18/2017	RG_GRASMERE	< 0.50	< 3.0	3.00
09/18/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
09/18/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
10/03/2017	RG_GRASMERE	0.25	1.50	1.50
10/03/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
10/03/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
10/03/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
11/08/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
11/08/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
11/08/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
11/08/2017	RG_GRASMERE	0.25	1.50	1.50
12/05/2017	RG_GRASMERE	< 0.50	< 3.0	3.00
12/05/2017	RG_GRASMERE	< 0.50	< 3.0	4.50
12/05/2017	RG_GRASMERE	< 0.50	< 3.0	< 3.0
12/05/2017	RG_GRASMERE	0.25	1.50	3.00
04/24/2017	RG_KERRRD	1.66	< 3.0	8.70
05/02/2017	RG_KERRRD	0.81	< 3.0	3.90
05/09/2017	RG_KERRRD	2.38	< 3.0	15.30
05/16/2017	RG_KERRRD	1.11	< 3.0	5.90
05/23/2017	RG_KERRRD	2.69	< 3.0	14.10
05/30/2017	RG_KERRRD	3.30	< 3.0	16.60
06/06/2017	RG_KERRRD	1.87	1.50	8.30
06/06/2017	RG_KERRRD	1.85	< 3.0	8.00
06/06/2017	RG_KERRRD	1.88	< 3.0	8.60
06/13/2017	RG_KERRRD	1.10	1.50	5.25
06/13/2017	RG_KERRRD	1.07	< 3.0	5.20
06/13/2017	RG_KERRRD	1.13	< 3.0	5.30
06/20/2017	RG_KERRRD	0.54	1.50	1.50
06/20/2017	RG_KERRRD	0.53	< 3.0	< 3.0
06/20/2017	RG_KERRRD	0.56	< 3.0	< 3.0
06/20/2017	RG_KERRRD	0.53	< 3.0	< 3.0
06/27/2017	RG_KERRRD	0.25	1.50	1.50
06/27/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
06/27/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
06/27/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/04/2017	RG_KERRRD	0.25	1.50	1.50
07/04/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/04/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/04/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_KERRRD	0.25	1.50	1.50
07/11/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_KERRRD	0.25	1.50	1.50
08/08/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
09/18/2017	RG_KERRRD	0.25	1.50	2.07
09/18/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
09/18/2017	RG_KERRRD	< 0.50	< 3.0	3.20
09/18/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_KERRRD	0.25	1.50	1.50
10/03/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_KERRRD	< 0.50	< 3.0	15.90
11/08/2017	RG_KERRRD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_KERRRD	0.25	1.50	6.30
12/05/2017	RG_KERRRD	< 0.50	< 3.0	3.70
12/05/2017	RG_KERRRD	< 0.50	< 3.0	3.20
12/05/2017	RG_KERRRD	< 0.50	< 3.0	3.10
12/05/2017	RG_KERRRD	0.25	1.50	3.33
04/04/2017	RG_USGOLD	1.31	1.50	3.70
04/04/2017	RG_USGOLD	1.22	< 3.0	3.20
04/04/2017	RG_USGOLD	1.39	< 3.0	4.20
04/11/2017	RG_USGOLD	1.61	< 3.0	8.50
04/17/2017	RG_USGOLD	1.80	< 3.0	6.40
04/24/2017	RG_USGOLD	6.36	< 3.0	23.00
05/02/2017	RG_USGOLD	4.40	< 3.0	18.10
05/09/2017	RG_USGOLD	3.01	< 3.0	12.70
05/16/2017	RG_USGOLD	1.25	< 3.0	5.80
05/23/2017	RG_USGOLD	1.11	< 3.0	6.40
05/30/2017	RG_USGOLD	2.47	1.50	8.73
05/30/2017	RG_USGOLD	2.23	< 3.0	7.30
05/30/2017	RG_USGOLD	2.61	< 3.0	9.40
05/30/2017	RG_USGOLD	2.58	< 3.0	9.50
06/06/2017	RG_USGOLD	1.60	1.50	4.77

Sample Date	Location	Vanadium - Total µg/l	Zinc - Dissolved µg/l	Zinc - Total µg/l
06/06/2017	RG_USGOLD	1.11	< 3.0	< 3.0
06/06/2017	RG_USGOLD	1.56	< 3.0	5.20
06/06/2017	RG_USGOLD	2.13	< 3.0	7.60
06/13/2017	RG_USGOLD	1.05	1.50	4.97
06/13/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
06/13/2017	RG_USGOLD	1.22	< 3.0	5.20
06/13/2017	RG_USGOLD	1.67	< 3.0	8.20
06/20/2017	RG_USGOLD	0.46	1.50	2.40
06/20/2017	RG_USGOLD	< 0.50	< 3.0	4.20
06/20/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
06/20/2017	RG_USGOLD	0.87	< 3.0	< 3.0
06/27/2017	RG_USGOLD	0.35	1.50	1.50
06/27/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
06/27/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
06/27/2017	RG_USGOLD	0.54	< 3.0	< 3.0
07/04/2017	RG_USGOLD	0.25	1.50	1.50
07/04/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
07/04/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
07/04/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_USGOLD	0.25	1.50	1.50
07/11/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
07/11/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_USGOLD	0.25	1.50	1.50
08/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
08/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
09/18/2017	RG_USGOLD	0.25	1.50	2.83
09/18/2017	RG_USGOLD	< 0.50	< 3.0	5.50
09/18/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
09/18/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_USGOLD	0.25	1.50	1.50
10/03/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
10/03/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
11/08/2017	RG_USGOLD	0.25	1.50	1.50
12/05/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
12/05/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
12/05/2017	RG_USGOLD	< 0.50	< 3.0	< 3.0
12/05/2017	RG_USGOLD	0.25	1.50	1.50