

Laboratory Report of Analysis

To: Kenai Watershed Forum
44129 Sterling Hwy
Soldotna, AK 99669

Report Number: **1263580**

Client Project: **Kenai River Baseline Water Qua**

Dear Benjamin Meyer,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of ten years in the event they are required for future reference. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. Any samples submitted to our laboratory will be retained for a maximum of fourteen (14) days from the date of this report unless other archiving requirements were included in the quote.

If there are any questions about the report or services performed during this project, please call Curtis at (907) 562-2343. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America Inc.

 **Curtis Whisman**
2026.09.03
17:22:03 -08'00'

Curtis Whisman
Project Manager
curtis.whisman@sgs.com

Date

Print Date: 09/03/2026 4:48:56PM

Results via Engage

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Case Narrative

SGS Client: **Kenai Watershed Forum**
 SGS Project: **1263580**
 Project Name/Site: **Kenai River Baseline Water Qua**
 Project Contact: **Benjamin Meyer**

Refer to sample receipt form for information on sample condition.

LCS for HBN 1933184 [VXX/44941 (1891300) LCS

8260D - LCS recovery for o-xylene does not meet QC criteria (biased high). This analyte is not reported above the LOQ in the associated samples.
 8260D - Surrogate recovery for toluene-d8 does not meet QC criteria. All analytes associated with this surrogate are not reported above the LOQ in the associated samples.

LCSD for HBN 1933184 [VXX/4494 (1891301) LCSD

8260D - Surrogate recovery for 4-bromofluorobenzene does not meet QC criteria (biased high). The associated analytes are not reported.

1263580008MSD (1892415) MSD

4500NO3-F - Nitrate/Nitrite - MSD recovery for total nitrate/nitrite is outside of QC criteria. Refer to LCS for accuracy requirements.

*QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

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Laboratory Qualifiers

Enclosed are the analytical results associated with the above work order. The results apply to the samples as received. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the context or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & 17-021 (CS) for ADEC and 2944.01 for DOD ELAP/ISO17025 (RCRA methods: 1020B, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035A, 6020B, 7470A, 7471B, 8015C, 8021B, 8082A, 8260D, 8270E, 8270E-SIM, 9040C, 9045D, 9056A, 9060A, AK101 and AK102/103). SGS is only certified for the analytes listed on our Drinking Water Certification (DW methods: 200.8, 2130B, 2320B, 2510B, 300.0, 4500-CN-C,E, 4500-H-B, 4500-NO3-F, 4500-P-E and 524.2 (Provisional as of 7/15/26)) and only those analytes will be reported to the State of Alaska for compliance. Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities.

The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV/CVA/CVB	Continuing Calibration Verification
CCCV/CVC/CVCA/CVCB	Closing Continuing Calibration Verification
CL	Control Limit
DF	Analytical Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
GT	Greater Than
IB	Instrument Blank
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LLQC/LLIQC	Low Level Quantitation Check
LOD	Limit of Detection (i.e., 3/4 of the LOQ)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
RPD	Relative Percent Difference
TNTC	Too Numerous To Count
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content. All DRO/RRO analyses are integrated per SOP.

Sample Summary

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Collected</u>	<u>Received</u>	<u>Matrix</u>
RM 0 - No Name Creek	1263580001	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 1.5 - Kenai City Dock	1263580002	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 6.5 - Cunningham Park	1263580003	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 10 - Beaver Creek	1263580004	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 10.1 - Kenai River	1263580005	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 12.5 Pillars	1263580006	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 18 - Poacher's Cove	1263580007	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 19 - Slikok Creek	1263580008	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 21 - Soldotna Bridge	1263580009	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 22 - Soldotna Creek	1263580010	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 22 - Soldotna Creek - DUP	1263580011	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 23 -Swiftwater Park	1263580012	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 30 - Funny River	1263580013	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 30 - Funny River - DUP	1263580014	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 31 - Morgan's Landing	1263580015	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 36 - Moose River	1263580016	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 40 - Bing's Landing	1263580017	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 43 - Upstream of Dow Island	1263580018	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 44 - Mouth of Killey River	1263580019	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 50 - Skilak Lake Outflow	1263580020	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 70 - Jim's Landing	1263580021	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 74 - Russian River	1263580022	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 82 - Kenai Lake Bridge	1263580023	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 79.5 - Juneau Creek	1263580024	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 18 - Poachers Cove - Field	1263580025	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 23 - Swiftwater Park - Fiel	1263580026	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 40 and 43 Trip Blank	1263580027	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 1.5 and 6.5 Trip Blank	1263580028	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 0 - No Name Creek	1263580029	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 1.5 - Kenai City Dock	1263580030	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 6.5 - Cunningham Park	1263580031	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 10 - Beaver Creek	1263580032	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 10.1 - Kenai River	1263580033	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 12.5 - Pillars	1263580034	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 18 - Poacher's Cove	1263580035	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 19 - Slikok Creek	1263580036	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 21 - Soldotna Bridge	1263580037	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 22 - Soldotna Creek	1263580038	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 22 - Soldotna Creek - DUP	1263580039	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)

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Sample Summary

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Collected</u>	<u>Received</u>	<u>Matrix</u>
RM 23 - Swiftwater Park	1263580040	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 30 - Funny River	1263580041	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 30 - Funny River - DUP	1263580042	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 18 - Poachers Cove - Field	1263580043	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)
RM 23 - Swiftwater Park - Fiel	1263580044	07/22/2026	07/22/2026	Water (Surface, Eff., Ground)

<u>Method</u>	<u>Method Description</u>
EP200.8	Metals in Drinking Water by ICP-MS DISSO
EP200.8	Metals in Water by 200.8 ICP-MS
200.8 Low Level	Metals in Water by 200.8 ICP-MS LL DIS
SM21 4500NO3-F	Nitrate/Nitrite Flow injection Pres.
SM21 4500P-B,E	Total Phosphorus (W)
SW8260D	Volatile Organic Compounds (W)

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Detectable Results Summary

Client Sample ID: **RM 0 - No Name Creek**

Lab Sample ID: 1263580001

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	11400	ug/L
Copper	1.42J	ug/L
Iron	3070	ug/L
Magnesium	3500	ug/L
Zinc	4.20J	ug/L

Waters Department

Total Nitrate/Nitrite-N	0.135J	mg/L
Total Phosphorus	0.0270J	mg/L

Client Sample ID: **RM 1.5 - Kenai City Dock**

Lab Sample ID: 1263580002

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12500	ug/L
Copper	1.92J	ug/L
Iron	673	ug/L
Magnesium	1510	ug/L
Zinc	4.35J	ug/L

Volatile GC/MS

Benzene	0.200J	ug/L
Toluene	1.13	ug/L

Waters Department

Total Nitrate/Nitrite-N	0.210	mg/L
Total Phosphorus	0.0813	mg/L

Client Sample ID: **RM 6.5 - Cunningham Park**

Lab Sample ID: 1263580003

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	13300	ug/L
Copper	5.63	ug/L
Iron	1890	ug/L
Magnesium	1790	ug/L
Zinc	11.0	ug/L

Waters Department

Total Nitrate/Nitrite-N	0.206	mg/L
Total Phosphorus	0.257	mg/L

Client Sample ID: **RM 10 - Beaver Creek**

Lab Sample ID: 1263580004

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	9320	ug/L
Iron	910	ug/L
Magnesium	2130	ug/L
Zinc	5.10J	ug/L

Waters Department

Total Phosphorus	0.0459	mg/L
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Client Sample ID: **RM 10.1 - Kenai River**

Lab Sample ID: 1263580005

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	15500	ug/L
Copper	1.04J	ug/L
Iron	481	ug/L
Magnesium	1390	ug/L

Waters Department

Total Nitrate/Nitrite-N	0.205	mg/L
Total Phosphorus	0.0395J	mg/L

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Detectable Results Summary

Client Sample ID: **RM 12.5 Pillars**

Lab Sample ID: 1263580006

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12400	ug/L
Iron	384	ug/L
Magnesium	1100	ug/L
Total Nitrate/Nitrite-N	0.212	mg/L
Total Phosphorus	0.0301J	mg/L

Waters Department

Client Sample ID: **RM 18 - Poacher's Cove**

Lab Sample ID: 1263580007

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12800	ug/L
Iron	402	ug/L
Magnesium	1140	ug/L
Total Nitrate/Nitrite-N	0.248	mg/L
Total Phosphorus	0.0290J	mg/L

Waters Department

Client Sample ID: **RM 19 - Slikok Creek**

Lab Sample ID: 1263580008

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	8370	ug/L
Iron	737	ug/L
Magnesium	2240	ug/L
Total Nitrate/Nitrite-N	0.166J	mg/L
Total Phosphorus	0.0445	mg/L

Waters Department

Client Sample ID: **RM 21 - Soldotna Bridge**

Lab Sample ID: 1263580009

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12200	ug/L
Iron	363	ug/L
Magnesium	1090	ug/L
Total Nitrate/Nitrite-N	0.210	mg/L
Total Phosphorus	0.0327J	mg/L

Waters Department

Client Sample ID: **RM 22 - Soldotna Creek**

Lab Sample ID: 1263580010

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	13600	ug/L
Iron	445	ug/L
Magnesium	3600	ug/L
Total Phosphorus	0.0725	mg/L

Waters Department

Client Sample ID: **RM 22 - Soldotna Creek - DUP**

Lab Sample ID: 1263580011

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	13200	ug/L
Iron	444	ug/L
Magnesium	3510	ug/L
Zinc	3.57J	ug/L
Total Phosphorus	0.0706	mg/L

Waters Department

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Detectable Results Summary

Client Sample ID: **RM 23 -Swiftwater Park**

Lab Sample ID: 1263580012

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12900	ug/L
Iron	502	ug/L
Magnesium	1160	ug/L
Total Nitrate/Nitrite-N	0.191J	mg/L
Total Phosphorus	0.0549	mg/L

Waters Department

Client Sample ID: **RM 30 - Funny River**

Lab Sample ID: 1263580013

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	7990	ug/L
Iron	513	ug/L
Magnesium	2370	ug/L
Total Phosphorus	0.0555	mg/L

Waters Department

Client Sample ID: **RM 30 - Funny River - DUP**

Lab Sample ID: 1263580014

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	8370	ug/L
Iron	557	ug/L
Magnesium	2450	ug/L
Total Phosphorus	0.0572	mg/L

Waters Department

Client Sample ID: **RM 31 - Morgan's Landing**

Lab Sample ID: 1263580015

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	13400	ug/L
Iron	364	ug/L
Magnesium	1170	ug/L
Total Nitrate/Nitrite-N	0.195J	mg/L
Total Phosphorus	0.0237J	mg/L

Waters Department

Client Sample ID: **RM 36 - Moose River**

Lab Sample ID: 1263580016

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	15500	ug/L
Iron	256	ug/L
Magnesium	2230	ug/L
Total Phosphorus	0.0202J	mg/L

Waters Department

Client Sample ID: **RM 40 - Bing's Landing**

Lab Sample ID: 1263580017

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12800	ug/L
Iron	279	ug/L
Magnesium	1040	ug/L
Total Nitrate/Nitrite-N	0.206	mg/L
Total Phosphorus	0.0121J	mg/L

Waters Department

Detectable Results Summary

Client Sample ID: **RM 43 - Upstream of Dow Island**

Lab Sample ID: 1263580018

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	12700	ug/L
Iron	312	ug/L
Magnesium	1050	ug/L
Total Nitrate/Nitrite-N	0.243	mg/L
Total Phosphorus	0.0175J	mg/L

Waters Department

Client Sample ID: **RM 44 - Mouth of Killey River**

Lab Sample ID: 1263580019

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	4890	ug/L
Iron	2160	ug/L
Magnesium	1300	ug/L
Total Phosphorus	0.158	mg/L

Waters Department

Client Sample ID: **RM 50 - Skilak Lake Outflow**

Lab Sample ID: 1263580020

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	13200	ug/L
Magnesium	952	ug/L
Total Nitrate/Nitrite-N	0.226	mg/L

Waters Department

Client Sample ID: **RM 70 - Jim's Landing**

Lab Sample ID: 1263580021

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	16000	ug/L
Iron	96.2J	ug/L
Magnesium	1170	ug/L
Total Nitrate/Nitrite-N	0.333	mg/L

Waters Department

Client Sample ID: **RM 74 - Russian River**

Lab Sample ID: 1263580022

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	17100	ug/L
Magnesium	1050	ug/L
Total Nitrate/Nitrite-N	0.399	mg/L

Waters Department

Client Sample ID: **RM 82 - Kenai Lake Bridge**

Lab Sample ID: 1263580023

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	15900	ug/L
Magnesium	1130	ug/L
Total Nitrate/Nitrite-N	0.303	mg/L

Waters Department

Client Sample ID: **RM 79.5 - Juneau Creek**

Lab Sample ID: 1263580024

Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Calcium	14400	ug/L
Iron	95.5J	ug/L
Magnesium	996	ug/L
Total Nitrate/Nitrite-N	0.125J	mg/L
Total Phosphorus	0.0171J	mg/L

Waters Department

Detectable Results Summary

Client Sample ID: **RM 0 - No Name Creek**

Lab Sample ID: 1263580029

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	1.32	ug/L
Chromium	0.165J	ug/L
Copper	0.404J	ug/L
Zinc	3.34J	ug/L

Client Sample ID: **RM 10 - Beaver Creek**

Lab Sample ID: 1263580032

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	1.96J	ug/L
Zinc	3.71J	ug/L

Client Sample ID: **RM 22 - Soldotna Creek**

Lab Sample ID: 1263580038

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	5.46	ug/L

Client Sample ID: **RM 22 - Soldotna Creek - DUP**

Lab Sample ID: 1263580039

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	5.34	ug/L
Chromium	0.221J	ug/L
Copper	0.314J	ug/L

Client Sample ID: **RM 30 - Funny River**

Lab Sample ID: 1263580041

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	1.81J	ug/L

Client Sample ID: **RM 30 - Funny River - DUP**

Lab Sample ID: 1263580042

Dissolved Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
Arsenic	1.50J	ug/L

Results of RM 0 - No Name Creek

Client Sample ID: **RM 0 - No Name Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580001
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:50
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	11400		500	150	375	ug/L	1		07/28/26 16:17
Copper	1.42	J	3.00	1.00	2.25	ug/L	1		07/28/26 16:17
Iron	3070		250	78.0	188	ug/L	1		07/28/26 16:17
Magnesium	3500		50.0	15.0	37.5	ug/L	1		07/28/26 16:17
Zinc	4.20	J	10.0	3.10	7.50	ug/L	1		07/28/26 16:17

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:17
 Container ID: 1263580001-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 0 - No Name Creek

Client Sample ID: **RM 0 - No Name Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580001
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:50
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.135	J	0.200	0.0500	0.150	mg/L	2		08/03/26 12:56

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 12:56
 Container ID: 1263580001-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0270	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:46

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:46
 Container ID: 1263580001-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 1.5 - Kenai City Dock

Client Sample ID: **RM 1.5 - Kenai City Dock**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580002
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:14
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	12500		500	150	375	ug/L	1		07/28/26 16:22
Copper	1.92	J	3.00	1.00	2.25	ug/L	1		07/28/26 16:22
Iron	673		250	78.0	188	ug/L	1		07/28/26 16:22
Magnesium	1510		50.0	15.0	37.5	ug/L	1		07/28/26 16:22
Zinc	4.35	J	10.0	3.10	7.50	ug/L	1		07/28/26 16:22

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:22
 Container ID: 1263580002-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 1.5 - Kenai City Dock

Client Sample ID: **RM 1.5 - Kenai City Dock**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580002
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:14
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.200	J	0.400	0.120	0.300	ug/L	1		07/30/26 00:13
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:13
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:13
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/30/26 00:13
Toluene	1.13		1.00	0.310	0.750	ug/L	1		07/30/26 15:55
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/30/26 00:13
Surrogates									
1,2-Dichloroethane-D4 (surr)	94.9		81-118			%	1		07/30/26 00:13
4-Bromofluorobenzene (surr)	98.2		85-114			%	1		07/30/26 00:13
Toluene-d8 (surr)	96.4		89-112			%	1		07/30/26 00:13

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/30/26 00:13
 Container ID: 1263580002-C

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Analytical Batch: VMS25668
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/30/26 15:55
 Container ID: 1263580002-E

Prep Batch: VXX44948
 Prep Method: SW5030B
 Prep Date/Time: 07/30/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL



Results of RM 1.5 - Kenai City Dock

Client Sample ID: **RM 1.5 - Kenai City Dock**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580002
Lab Project ID: 1263580

Collection Date: 07/22/26 09:14
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.210		0.200	0.0500	0.150	mg/L	2		08/03/26 12:57

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 12:57
Container ID: 1263580002-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0813		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:47

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 15:47
Container ID: 1263580002-A

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 15:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 6.5 - Cunningham Park

Client Sample ID: **RM 6.5 - Cunningham Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580003
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	13300		500	150	375	ug/L	1		07/28/26 16:28
Copper	5.63		3.00	1.00	2.25	ug/L	1		07/28/26 16:28
Iron	1890		250	78.0	188	ug/L	1		07/28/26 16:28
Magnesium	1790		50.0	15.0	37.5	ug/L	1		07/28/26 16:28
Zinc	11.0		10.0	3.10	7.50	ug/L	1		07/28/26 16:28

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:28
 Container ID: 1263580003-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 6.5 - Cunningham Park

Client Sample ID: **RM 6.5 - Cunningham Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580003
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.300	U	0.400	0.120	0.300	ug/L	1		07/30/26 00:28
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:28
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:28
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/30/26 00:28
Toluene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:28
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/30/26 00:28
Surrogates									
1,2-Dichloroethane-D4 (surr)	87.8		81-118			%	1		07/30/26 00:28
4-Bromofluorobenzene (surr)	106		85-114			%	1		07/30/26 00:28
Toluene-d8 (surr)	96.3		89-112			%	1		07/30/26 00:28

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/30/26 00:28
 Container ID: 1263580003-C

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Results of RM 6.5 - Cunningham Park

Client Sample ID: **RM 6.5 - Cunningham Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580003
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.206		0.200	0.0500	0.150	mg/L	2		08/03/26 12:59

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 12:59
 Container ID: 1263580003-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.257		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:48

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:48
 Container ID: 1263580003-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 10 - Beaver Creek

Client Sample ID: **RM 10 - Beaver Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580004
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:56
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	9320		500	150	375	ug/L	1		07/28/26 16:31
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 16:31
Iron	910		250	78.0	188	ug/L	1		07/28/26 16:31
Magnesium	2130		50.0	15.0	37.5	ug/L	1		07/28/26 16:31
Zinc	5.10	J	10.0	3.10	7.50	ug/L	1		07/28/26 16:31

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:31
 Container ID: 1263580004-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 10 - Beaver Creek

Client Sample ID: **RM 10 - Beaver Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580004
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:56
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:01

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:01
 Container ID: 1263580004-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0459		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:49

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:49
 Container ID: 1263580004-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 10.1 - Kenai River

Client Sample ID: **RM 10.1 - Kenai River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580005
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:22
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	15500		500	150	375	ug/L	1		07/28/26 16:47
Copper	1.04	J	3.00	1.00	2.25	ug/L	1		07/28/26 16:47
Iron	481		250	78.0	188	ug/L	1		07/28/26 16:47
Magnesium	1390		50.0	15.0	37.5	ug/L	1		07/28/26 16:47
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/28/26 16:47

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:47
 Container ID: 1263580005-B

Prep Batch: MX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 10.1 - Kenai River

Client Sample ID: **RM 10.1 - Kenai River**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580005
Lab Project ID: 1263580

Collection Date: 07/22/26 09:22
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.205		0.200	0.0500	0.150	mg/L	2		08/03/26 13:03

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:03
Container ID: 1263580005-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0395	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:50

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 15:50
Container ID: 1263580005-A

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 15:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 12.5 Pillars

Client Sample ID: **RM 12.5 Pillars**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580006
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:31
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	12400		500	150	375	ug/L	1		07/28/26 16:50
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 16:50
Iron	384		250	78.0	188	ug/L	1		07/28/26 16:50
Magnesium	1100		50.0	15.0	37.5	ug/L	1		07/28/26 16:50
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/28/26 16:50

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:50
 Container ID: 1263580006-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 12.5 Pillars

Client Sample ID: **RM 12.5 Pillars**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580006
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:31
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.212		0.200	0.0500	0.150	mg/L	2		08/03/26 13:04

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:04
 Container ID: 1263580006-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0301	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:51

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:51
 Container ID: 1263580006-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 18 - Poacher's Cove

Client Sample ID: **RM 18 - Poacher's Cove**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580007
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:01
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	12800		500	150	375	ug/L	1		07/28/26 16:53
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 16:53
Iron	402		250	78.0	188	ug/L	1		07/28/26 16:53
Magnesium	1140		50.0	15.0	37.5	ug/L	1		07/28/26 16:53
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/28/26 16:53

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:53
 Container ID: 1263580007-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 18 - Poacher's Cove

Client Sample ID: **RM 18 - Poacher's Cove**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580007
Lab Project ID: 1263580

Collection Date: 07/22/26 10:01
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.248		0.200	0.0500	0.150	mg/L	2		08/03/26 13:06

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:06
Container ID: 1263580007-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0290	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:52

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 15:52
Container ID: 1263580007-A

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 15:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 19 - Slikok Creek

Client Sample ID: **RM 19 - Slikok Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580008
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:23
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	8370		500	150	375	ug/L	1		07/28/26 16:55
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 16:55
Iron	737		250	78.0	188	ug/L	1		07/28/26 16:55
Magnesium	2240		50.0	15.0	37.5	ug/L	1		07/28/26 16:55
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/28/26 16:55

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:55
 Container ID: 1263580008-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 19 - Slikok Creek

Client Sample ID: **RM 19 - Slikok Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580008
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:23
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.166	J	0.200	0.0500	0.150	mg/L	2		08/03/26 13:13

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:13
 Container ID: 1263580008-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0445		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:53

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:53
 Container ID: 1263580008-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 21 - Soldotna Bridge

Client Sample ID: **RM 21 - Soldotna Bridge**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580009
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	12200		500	150	375	ug/L	1		07/28/26 16:58
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 16:58
Iron	363		250	78.0	188	ug/L	1		07/28/26 16:58
Magnesium	1090		50.0	15.0	37.5	ug/L	1		07/28/26 16:58
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/28/26 16:58

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 16:58
 Container ID: 1263580009-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 21 - Soldotna Bridge

Client Sample ID: **RM 21 - Soldotna Bridge**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580009
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.210		0.200	0.0500	0.150	mg/L	2		08/03/26 13:18

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:18
 Container ID: 1263580009-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0327	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:54

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:54
 Container ID: 1263580009-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 22 - Soldotna Creek

Client Sample ID: **RM 22 - Soldotna Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580010
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:45
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	13600		500	150	375	ug/L	1		07/28/26 17:01
Iron	445		250	78.0	188	ug/L	1		07/28/26 17:01
Magnesium	3600		50.0	15.0	37.5	ug/L	1		07/28/26 17:01

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:01
 Container ID: 1263580010-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 22 - Soldotna Creek

Client Sample ID: **RM 22 - Soldotna Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580010
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:45
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:20

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:20
 Container ID: 1263580010-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0725		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:55

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:55
 Container ID: 1263580010-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 22 - Soldotna Creek - DUP

Client Sample ID: **RM 22 - Soldotna Creek - DUP**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580011
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:27
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	13200		500	150	375	ug/L	1		07/28/26 17:04
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/28/26 17:04
Iron	444		250	78.0	188	ug/L	1		07/28/26 17:04
Magnesium	3510		50.0	15.0	37.5	ug/L	1		07/28/26 17:04
Zinc	3.57	J	10.0	3.10	7.50	ug/L	1		07/28/26 17:04

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:04
 Container ID: 1263580011-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 22 - Soldotna Creek - DUP

Client Sample ID: **RM 22 - Soldotna Creek - DUP**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580011
Lab Project ID: 1263580

Collection Date: 07/22/26 08:27
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:22

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:22
Container ID: 1263580011-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0706		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:58

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 15:58
Container ID: 1263580011-A

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 15:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 23 -Swiftwater Park

Client Sample ID: **RM 23 -Swiftwater Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580012
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:30
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	12900		500	150	375	ug/L	1		07/28/26 17:07
Iron	502		250	78.0	188	ug/L	1		07/28/26 17:07
Magnesium	1160		50.0	15.0	37.5	ug/L	1		07/28/26 17:07

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:07
 Container ID: 1263580012-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 23 -Swiftwater Park

Client Sample ID: **RM 23 -Swiftwater Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580012
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:30
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.191	J	0.200	0.0500	0.150	mg/L	2		08/03/26 13:24

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:24
 Container ID: 1263580012-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0549		0.0400	0.0120	0.0300	mg/L	1		07/28/26 15:59

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 15:59
 Container ID: 1263580012-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 30 - Funny River

Client Sample ID: **RM 30 - Funny River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580013
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:36
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	7990		500	150	375	ug/L	1		07/28/26 17:10
Iron	513		250	78.0	188	ug/L	1		07/28/26 17:10
Magnesium	2370		50.0	15.0	37.5	ug/L	1		07/28/26 17:10

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:10
 Container ID: 1263580013-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 30 - Funny River

Client Sample ID: **RM 30 - Funny River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580013
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:36
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:25

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:25
 Container ID: 1263580013-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0555		0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:00

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:00
 Container ID: 1263580013-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 30 - Funny River - DUP

Client Sample ID: **RM 30 - Funny River - DUP**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580014
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:49
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	8370		500	150	375	ug/L	1		07/28/26 17:13
Iron	557		250	78.0	188	ug/L	1		07/28/26 17:13
Magnesium	2450		50.0	15.0	37.5	ug/L	1		07/28/26 17:13

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:13
 Container ID: 1263580014-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 30 - Funny River - DUP

Client Sample ID: **RM 30 - Funny River - DUP**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580014
Lab Project ID: 1263580

Collection Date: 07/22/26 11:49
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:27

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:27
Container ID: 1263580014-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0572		0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:01

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 16:01
Container ID: 1263580014-A

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 15:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 31 - Morgan's Landing

Client Sample ID: **RM 31 - Morgan's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580015
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:16
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	13400		500	150	375	ug/L	1		07/28/26 17:22
Iron	364		250	78.0	188	ug/L	1		07/28/26 17:22
Magnesium	1170		50.0	15.0	37.5	ug/L	1		07/28/26 17:22

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:22
 Container ID: 1263580015-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 31 - Morgan's Landing

Client Sample ID: **RM 31 - Morgan's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580015
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:16
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.195	J	0.200	0.0500	0.150	mg/L	2		08/03/26 13:29

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:29
 Container ID: 1263580015-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0237	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:02

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:02
 Container ID: 1263580015-A

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 15:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 36 - Moose River

Client Sample ID: **RM 36 - Moose River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580016
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:26
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	15500		500	150	375	ug/L	1		07/28/26 17:25
Iron	256		250	78.0	188	ug/L	1		07/28/26 17:25
Magnesium	2230		50.0	15.0	37.5	ug/L	1		07/28/26 17:25

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:25
 Container ID: 1263580016-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 36 - Moose River

Client Sample ID: **RM 36 - Moose River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580016
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:26
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:45

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:45
 Container ID: 1263580016-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0202	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:06

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:06
 Container ID: 1263580016-A

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 16:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 40 - Bing's Landing

Client Sample ID: **RM 40 - Bing's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580017
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:40
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	12800		500	150	375	ug/L	1		07/28/26 17:28
Iron	279		250	78.0	188	ug/L	1		07/28/26 17:28
Magnesium	1040		50.0	15.0	37.5	ug/L	1		07/28/26 17:28

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:28
 Container ID: 1263580017-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 40 - Bing's Landing

Client Sample ID: **RM 40 - Bing's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580017
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:40
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.300	U	0.400	0.120	0.300	ug/L	1		07/30/26 00:44
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:44
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:44
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/30/26 00:44
Toluene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:44
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/30/26 00:44
Surrogates									
1,2-Dichloroethane-D4 (surr)	95		81-118			%	1		07/30/26 00:44
4-Bromofluorobenzene (surr)	98		85-114			%	1		07/30/26 00:44
Toluene-d8 (surr)	96.2		89-112			%	1		07/30/26 00:44

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/30/26 00:44
 Container ID: 1263580017-C

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Results of RM 40 - Bing's Landing

Client Sample ID: **RM 40 - Bing's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580017
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:40
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.206		0.200	0.0500	0.150	mg/L	2		08/03/26 13:46

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:46
 Container ID: 1263580017-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0121	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:11

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:11
 Container ID: 1263580017-A

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 16:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 43 - Upstream of Dow Island

Client Sample ID: **RM 43 - Upstream of Dow Island**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580018
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:05
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	12700		500	150	375	ug/L	1		07/28/26 17:31
Iron	312		250	78.0	188	ug/L	1		07/28/26 17:31
Magnesium	1050		50.0	15.0	37.5	ug/L	1		07/28/26 17:31

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/28/26 17:31
 Container ID: 1263580018-B

Prep Batch: MXX38663
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:17
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 43 - Upstream of Dow Island

Client Sample ID: **RM 43 - Upstream of Dow Island**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580018
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:05
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.300	U	0.400	0.120	0.300	ug/L	1		07/30/26 00:59
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:59
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:59
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/30/26 00:59
Toluene	0.750	U	1.00	0.310	0.750	ug/L	1		07/30/26 00:59
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/30/26 00:59
Surrogates									
1,2-Dichloroethane-D4 (surr)	89.6		81-118			%	1		07/30/26 00:59
4-Bromofluorobenzene (surr)	99.1		85-114			%	1		07/30/26 00:59
Toluene-d8 (surr)	95.9		89-112			%	1		07/30/26 00:59

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/30/26 00:59
 Container ID: 1263580018-C

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Results of RM 43 - Upstream of Dow Island

Client Sample ID: **RM 43 - Upstream of Dow Island**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580018
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:05
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.243		0.200	0.0500	0.150	mg/L	2		08/03/26 13:48

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 13:48
 Container ID: 1263580018-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0175	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:12

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:12
 Container ID: 1263580018-A

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 16:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 44 - Mouth of Killey River

Client Sample ID: **RM 44 - Mouth of Killey River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580019
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:40
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	4890		500	150	375	ug/L	1		07/31/26 20:17
Iron	2160		250	78.0	188	ug/L	1		07/31/26 20:17
Magnesium	1300		50.0	15.0	37.5	ug/L	1		07/31/26 20:17

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:17
 Container ID: 1263580019-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 44 - Mouth of Killey River

Client Sample ID: **RM 44 - Mouth of Killey River**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580019
Lab Project ID: 1263580

Collection Date: 07/22/26 10:40
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.150	U	0.200	0.0500	0.150	mg/L	2		08/03/26 13:50

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:50
Container ID: 1263580019-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.158		0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:13

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 16:13
Container ID: 1263580019-A

Prep Batch: WXX16237
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 16:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 50 - Skilak Lake Outflow

Client Sample ID: **RM 50 - Skilak Lake Outflow**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580020
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:45
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	13200		500	150	375	ug/L	1		07/31/26 20:29
Iron	188	U	250	78.0	188	ug/L	1		07/31/26 20:29
Magnesium	952		50.0	15.0	37.5	ug/L	1		07/31/26 20:29

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:29
 Container ID: 1263580020-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 50 - Skilak Lake Outflow

Client Sample ID: **RM 50 - Skilak Lake Outflow**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580020
Lab Project ID: 1263580

Collection Date: 07/22/26 09:45
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.226		0.200	0.0500	0.150	mg/L	2		08/03/26 13:52

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:52
Container ID: 1263580020-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0300	U	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:13

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 16:13
Container ID: 1263580020-A

Prep Batch: WXX16237
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 16:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 70 - Jim's Landing

Client Sample ID: **RM 70 - Jim's Landing**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580021
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:45
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	16000		500	150	375	ug/L	1		07/31/26 20:32
Iron	96.2	J	250	78.0	188	ug/L	1		07/31/26 20:32
Magnesium	1170		50.0	15.0	37.5	ug/L	1		07/31/26 20:32

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:32
 Container ID: 1263580021-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 70 - Jim's Landing

Client Sample ID: **RM 70 - Jim's Landing**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580021
Lab Project ID: 1263580

Collection Date: 07/22/26 11:45
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.333		0.200	0.0500	0.150	mg/L	2		08/03/26 13:59

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 13:59
Container ID: 1263580021-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0300	U	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:14

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 16:14
Container ID: 1263580021-A

Prep Batch: WXX16237
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 16:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 74 - Russian River

Client Sample ID: **RM 74 - Russian River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580022
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:05
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	17100		500	150	375	ug/L	1		07/31/26 20:35
Iron	188	U	250	78.0	188	ug/L	1		07/31/26 20:35
Magnesium	1050		50.0	15.0	37.5	ug/L	1		07/31/26 20:35

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:35
 Container ID: 1263580022-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL



Results of RM 74 - Russian River

Client Sample ID: **RM 74 - Russian River**
Client Project ID: **Kenai River Baseline Water Qua**
Lab Sample ID: 1263580022
Lab Project ID: 1263580

Collection Date: 07/22/26 11:05
Received Date: 07/22/26 17:05
Matrix: Water (Surface, Eff., Ground)
Solids (%):
Location:

Results by Waters Department

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Nitrate/Nitrite-N	0.399		0.200	0.0500	0.150	mg/L	2		08/03/26 14:04

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Analyst: AGH
Analytical Date/Time: 08/03/26 14:04
Container ID: 1263580022-A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable</u> <u>Limits</u>	<u>Date Analyzed</u>
Total Phosphorus	0.0300	U	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:15

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Analyst: DAT
Analytical Date/Time: 07/28/26 16:15
Container ID: 1263580022-A

Prep Batch: WXX16237
Prep Method: SM21 4500P-B,E
Prep Date/Time: 07/27/26 16:57
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:49:08PM

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Results of RM 82 - Kenai Lake Bridge

Client Sample ID: **RM 82 - Kenai Lake Bridge**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580023
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:15
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	15900		500	150	375	ug/L	1		07/31/26 20:44
Iron	188	U	250	78.0	188	ug/L	1		07/31/26 20:44
Magnesium	1130		50.0	15.0	37.5	ug/L	1		07/31/26 20:44

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:44
 Container ID: 1263580023-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 82 - Kenai Lake Bridge

Client Sample ID: **RM 82 - Kenai Lake Bridge**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580023
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:15
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.303		0.200	0.0500	0.150	mg/L	2		08/03/26 14:06

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 14:06
 Container ID: 1263580023-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0300	U	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:16

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:16
 Container ID: 1263580023-A

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 16:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 79.5 - Juneau Creek

Client Sample ID: **RM 79.5 - Juneau Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580024
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:42
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>	<u>df</u>	<u>Allowable Limits</u>	<u>Date Analyzed</u>
Calcium	14400		500	150	375	ug/L	1		07/31/26 20:47
Iron	95.5	J	250	78.0	188	ug/L	1		07/31/26 20:47
Magnesium	996		50.0	15.0	37.5	ug/L	1		07/31/26 20:47

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:47
 Container ID: 1263580024-B

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 79.5 - Juneau Creek

Client Sample ID: **RM 79.5 - Juneau Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580024
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:42
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Waters Department

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Nitrate/Nitrite-N	0.125	J	0.200	0.0500	0.150	mg/L	2		08/03/26 14:07

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Analyst: AGH
 Analytical Date/Time: 08/03/26 14:07
 Container ID: 1263580024-A

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Total Phosphorus	0.0171	J	0.0400	0.0120	0.0300	mg/L	1		07/28/26 16:17

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Analyst: DAT
 Analytical Date/Time: 07/28/26 16:17
 Container ID: 1263580024-A

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/26 16:57
 Prep Initial Wt./Vol.: 25 mL
 Prep Extract Vol: 25 mL

Results of RM 18 - Poachers Cove - Field

Client Sample ID: **RM 18 - Poachers Cove - Field**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580025
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:01
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	375	U	500	150	375	ug/L	1		07/31/26 20:50
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/31/26 20:50
Iron	188	U	250	78.0	188	ug/L	1		07/31/26 20:50
Magnesium	37.5	U	50.0	15.0	37.5	ug/L	1		07/31/26 20:50
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/31/26 20:50

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:50
 Container ID: 1263580025-A

Prep Batch: MXX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 23 - Swiftwater Park - Fiel

Client Sample ID: **RM 23 - Swiftwater Park - Fiel**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580026
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:30
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Calcium	375	U	500	150	375	ug/L	1		07/31/26 20:53
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		07/31/26 20:53
Iron	188	U	250	78.0	188	ug/L	1		07/31/26 20:53
Magnesium	37.5	U	50.0	15.0	37.5	ug/L	1		07/31/26 20:53
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		07/31/26 20:53

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Analyst: LJD
 Analytical Date/Time: 07/31/26 20:53
 Container ID: 1263580026-A

Prep Batch: MX38664
 Prep Method: E200.2
 Prep Date/Time: 07/24/26 19:53
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 40 and 43 Trip Blank

Client Sample ID: **RM 40 and 43 Trip Blank**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580027
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:40
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.300	U	0.400	0.120	0.300	ug/L	1		07/29/26 22:26
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:26
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:26
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/29/26 22:26
Toluene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:26
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/29/26 22:26
Surrogates									
1,2-Dichloroethane-D4 (surr)	94.2		81-118			%	1		07/29/26 22:26
4-Bromofluorobenzene (surr)	97.1		85-114			%	1		07/29/26 22:26
Toluene-d8 (surr)	95.5		89-112			%	1		07/29/26 22:26

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/29/26 22:26
 Container ID: 1263580027-A

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Results of RM 1.5 and 6.5 Trip Blank

Client Sample ID: **RM 1.5 and 6.5 Trip Blank**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580028
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:14
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Volatile GC/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Benzene	0.300	U	0.400	0.120	0.300	ug/L	1		07/29/26 22:41
Ethylbenzene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:41
o-Xylene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:41
P & M -Xylene	1.50	U	2.00	0.620	1.50	ug/L	1		07/29/26 22:41
Toluene	0.750	U	1.00	0.310	0.750	ug/L	1		07/29/26 22:41
Xylenes (total)	2.25	U	3.00	1.00	2.25	ug/L	1		07/29/26 22:41
Surrogates									
1,2-Dichloroethane-D4 (surr)	99		81-118			%	1		07/29/26 22:41
4-Bromofluorobenzene (surr)	109		85-114			%	1		07/29/26 22:41
Toluene-d8 (surr)	96.5		89-112			%	1		07/29/26 22:41

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Analyst: APB
 Analytical Date/Time: 07/29/26 22:41
 Container ID: 1263580028-A

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/26 06:00
 Prep Initial Wt./Vol.: 5 mL
 Prep Extract Vol: 5 mL

Results of RM 0 - No Name Creek

Client Sample ID: **RM 0 - No Name Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580029
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:50
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	1.32		0.800	0.200	0.600	ug/L	2.5		07/29/26 17:05
Cadmium	0.0375	U	0.0500	0.0150	0.0375	ug/L	2.5		07/29/26 17:05
Chromium	0.165	J	0.500	0.150	0.375	ug/L	2.5		07/29/26 17:05
Copper	0.404	J	0.500	0.200	0.375	ug/L	2.5		07/29/26 17:05
Lead	0.0750	U	0.100	0.0310	0.0750	ug/L	2.5		07/29/26 17:05
Zinc	3.34	J	10.0	3.10	7.50	ug/L	2.5		07/29/26 17:05

Batch Information

Analytical Batch: MMS13253
 Analytical Method: 200.8 Low Level
 Analyst: LJD
 Analytical Date/Time: 07/29/26 17:05
 Container ID: 1263580029-B

Prep Batch: MXX38672
 Prep Method: E200.2
 Prep Date/Time: 07/27/26 12:24
 Prep Initial Wt./Vol.: 50 mL
 Prep Extract Vol: 10 mL

Results of RM 1.5 - Kenai City Dock

Client Sample ID: **RM 1.5 - Kenai City Dock**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580030
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:14
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:36
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:36
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:36
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:36
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:36
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:36

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:36
 Container ID: 1263580030-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 6.5 - Cunningham Park

Client Sample ID: **RM 6.5 - Cunningham Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580031
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:39
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:39
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:39
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:39
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:39
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:39

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:39
 Container ID: 1263580031-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 10 - Beaver Creek

Client Sample ID: **RM 10 - Beaver Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580032
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:56
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	1.96	J	5.00	1.50	3.75	ug/L	1		08/06/26 16:42
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:42
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:42
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:42
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:42
Zinc	3.71	J	10.0	3.10	7.50	ug/L	1		08/06/26 16:42

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:42
 Container ID: 1263580032-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 10.1 - Kenai River

Client Sample ID: **RM 10.1 - Kenai River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580033
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:22
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 15:27
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 15:27
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 15:27
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 15:27
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 15:27
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 15:27

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 15:27
 Container ID: 1263580033-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 12.5 - Pillars

Client Sample ID: **RM 12.5 - Pillars**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580034
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:31
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:45
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:45
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:45
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:45
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:45
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:45

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:45
 Container ID: 1263580034-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 18 - Poacher's Cove

Client Sample ID: **RM 18 - Poacher's Cove**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580035
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:01
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:48
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:48
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:48
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:48
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:48
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:48

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:48
 Container ID: 1263580035-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 19 - Slikok Creek

Client Sample ID: **RM 19 - Slikok Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580036
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:23
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:51
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:51
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:51
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:51
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:51
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:51

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:51
 Container ID: 1263580036-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 21 - Soldotna Bridge

Client Sample ID: **RM 21 - Soldotna Bridge**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580037
 Lab Project ID: 1263580

Collection Date: 07/22/26 09:55
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 16:54
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:54
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:54
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:54
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:54
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:54

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:54
 Container ID: 1263580037-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 22 - Soldotna Creek

Client Sample ID: **RM 22 - Soldotna Creek**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580038
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:45
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	5.46		5.00	1.50	3.75	ug/L	1		08/06/26 16:57
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 16:57
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 16:57
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 16:57
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 16:57
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 16:57

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 16:57
 Container ID: 1263580038-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 22 - Soldotna Creek - DUP

Client Sample ID: **RM 22 - Soldotna Creek - DUP**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580039
 Lab Project ID: 1263580

Collection Date: 07/22/26 08:27
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	5.34		0.800	0.200	0.600	ug/L	2.5		07/29/26 17:11
Cadmium	0.0375	U	0.0500	0.0150	0.0375	ug/L	2.5		07/29/26 17:11
Chromium	0.221	J	0.500	0.150	0.375	ug/L	2.5		07/29/26 17:11
Copper	0.314	J	0.500	0.200	0.375	ug/L	2.5		07/29/26 17:11
Lead	0.0750	U	0.100	0.0310	0.0750	ug/L	2.5		07/29/26 17:11
Zinc	7.50	U	10.0	3.10	7.50	ug/L	2.5		07/29/26 17:11

Batch Information

Analytical Batch: MMS13253
 Analytical Method: 200.8 Low Level
 Analyst: LJD
 Analytical Date/Time: 07/29/26 17:11
 Container ID: 1263580039-B

Prep Batch: MXX38672
 Prep Method: E200.2
 Prep Date/Time: 07/27/26 12:24
 Prep Initial Wt./Vol.: 50 mL
 Prep Extract Vol: 10 mL

Results of RM 23 - Swiftwater Park

Client Sample ID: **RM 23 - Swiftwater Park**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580040
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:30
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 17:00
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 17:00
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 17:00
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 17:00
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 17:00
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 17:00

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 17:00
 Container ID: 1263580040-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 30 - Funny River

Client Sample ID: **RM 30 - Funny River**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580041
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:36
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	1.81	J	5.00	1.50	3.75	ug/L	1		08/06/26 15:33
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 15:33
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 15:33
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 15:33
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 15:33
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 15:33

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 15:33
 Container ID: 1263580041-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 30 - Funny River - DUP

Client Sample ID: **RM 30 - Funny River - DUP**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580042
 Lab Project ID: 1263580

Collection Date: 07/22/26 11:49
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	1.50	J	5.00	1.50	3.75	ug/L	1		08/06/26 17:03
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 17:03
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 17:03
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 17:03
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 17:03
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 17:03

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 17:03
 Container ID: 1263580042-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 18 - Poachers Cove - Field

Client Sample ID: **RM 18 - Poachers Cove - Field**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580043
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:01
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 17:12
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 17:12
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 17:12
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 17:12
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 17:12
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 17:12

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 17:12
 Container ID: 1263580043-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Results of RM 23 - Swiftwater Park - Fiel

Client Sample ID: **RM 23 - Swiftwater Park - Fiel**
 Client Project ID: **Kenai River Baseline Water Qua**
 Lab Sample ID: 1263580044
 Lab Project ID: 1263580

Collection Date: 07/22/26 10:30
 Received Date: 07/22/26 17:05
 Matrix: Water (Surface, Eff., Ground)
 Solids (%):
 Location:

Results by Dissolved Metals by ICP/MS

Parameter	Result	Qual	LOQ/CL	DL	LOD	Units	df	Allowable Limits	Date Analyzed
Arsenic	3.75	U	5.00	1.50	3.75	ug/L	1		08/06/26 17:15
Cadmium	0.375	U	0.500	0.150	0.375	ug/L	1		08/06/26 17:15
Chromium	3.75	U	5.00	2.50	3.75	ug/L	1		08/06/26 17:15
Copper	2.25	U	3.00	1.00	2.25	ug/L	1		08/06/26 17:15
Lead	1.50	U	2.00	0.500	1.50	ug/L	1		08/06/26 17:15
Zinc	7.50	U	10.0	3.10	7.50	ug/L	1		08/06/26 17:15

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Analyst: KFC
 Analytical Date/Time: 08/06/26 17:15
 Container ID: 1263580044-B

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/26 14:10
 Prep Initial Wt./Vol.: 20 mL
 Prep Extract Vol: 50 mL

Method Blank

Blank ID: MB for HBN 1932952 [MXX/38663]
Blank Lab ID: 1890122

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018

Results by EP200.8

Parameter	Results	LOQ/CL	DL	LOD	Units
Calcium	375U	500	150	375	ug/L
Copper	2.25U	3.00	1.00	2.25	ug/L
Iron	188U	250	78.0	188	ug/L
Magnesium	37.5U	50.0	15.0	37.5	ug/L
Zinc	7.50U	10.0	3.10	7.50	ug/L

Batch Information

Analytical Batch: MMS13250
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Analytical Date/Time: 7/28/2026 4:08:11PM

Prep Batch: MXX38663
Prep Method: E200.2
Prep Date/Time: 7/24/2026 7:17:00PM
Prep Initial Wt./Vol.: 20 mL
Prep Extract Vol: 50 mL

Print Date: 09/03/2026 4:49:15PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [MXX38663]

Blank Spike Lab ID: 1890123

Date Analyzed: 07/28/2026 16:11

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018

Results by EP200.8

Blank Spike (ug/L)				
Parameter	Spike	Result	Rec (%)	CL
Calcium	10000	9820	98	(85-115)
Copper	1000	988	99	(85-115)
Iron	5000	5040	101	(85-115)
Magnesium	10000	9820	98	(85-115)
Zinc	1000	978	98	(85-115)

Batch Information

Analytical Batch: MMS13250

Analytical Method: EP200.8

Instrument: P8 Agilent 7850 ICP-MS

Analyst: LJD

Prep Batch: MXX38663

Prep Method: E200.2

Prep Date/Time: 07/24/2026 19:17

Spike Init Wt./Vol.: 5000 ug/L Extract Vol: 50 mL

Dupe Init Wt./Vol.: Extract Vol:

Matrix Spike Summary

Original Lab ID: 1890125
 Sample ID: 1263580001(1890125MS)
 MS Sample ID: 1890126 MS
 MSD Sample ID:
 QC for Samples: 1263580001, 1263580002

Analysis Date: 07/28/2026 16:17
 Analysis Date: 07/28/2026 16:20
 Analysis Date:
 Matrix: Water (Surface, Eff., Ground)

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Calcium	11400	10000	19100	78				70-130		
Copper	1.42J	1000	976	97				70-130		
Iron	3070	5000	7460	88				70-130		
Magnesium	3500	10000	12500	90				70-130		
Zinc	4.20J	1000	974	97				70-130		

Batch Information

Analytical Batch: MMS13250
 Analytical Method: EP200.8
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: LJD
 Analytical Date/Time: 7/28/2026 4:20:00PM

Prep Batch: MXX38663
 Prep Method: DW Digest for Metals on ICP-MS
 Prep Date/Time: 7/24/2026 7:17:00PM
 Prep Initial Wt./Vol.: 20.00mL
 Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:20PM

Matrix Spike Summary

Original Lab ID: 1890127
Sample ID: 1263580002(1890127MS)
MS Sample ID: 1890128 MS
MSD Sample ID:
QC for Samples: 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018

Analysis Date: 07/28/2026 16:22
Analysis Date: 07/28/2026 16:25
Analysis Date:
Matrix: Water (Surface, Eff., Ground)

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Calcium	12500	10000	22600	101				70-130		
Copper	1.92J	1000	991	99				70-130		
Iron	673	5000	5730	101				70-130		
Magnesium	1510	10000	11300	98				70-130		
Zinc	4.35J	1000	993	99				70-130		

Batch Information

Analytical Batch: MMS13250
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Analytical Date/Time: 7/28/2026 4:25:55PM

Prep Batch: MXX38663
Prep Method: DW Digest for Metals on ICP-MS
Prep Date/Time: 7/24/2026 7:17:00PM
Prep Initial Wt./Vol.: 20.00mL
Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:20PM

Method Blank

Blank ID: MB for HBN 1932954 [MXX/38664]
Blank Lab ID: 1890131

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024, 1263580025, 1263580026

Results by EP200.8

Parameter	Results	LOQ/CL	DL	LOD	Units
Calcium	375U	500	150	375	ug/L
Copper	2.25U	3.00	1.00	2.25	ug/L
Iron	188U	250	78.0	188	ug/L
Magnesium	37.5U	50.0	15.0	37.5	ug/L
Zinc	7.50U	10.0	3.10	7.50	ug/L

Batch Information

Analytical Batch: MMS13258
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Analytical Date/Time: 7/31/2026 8:09:03PM

Prep Batch: MXX38664
Prep Method: E200.2
Prep Date/Time: 7/24/2026 7:53:00PM
Prep Initial Wt./Vol.: 20 mL
Prep Extract Vol: 50 mL

Print Date: 09/03/2026 4:49:23PM



Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [MXX38664]
Blank Spike Lab ID: 1890132
Date Analyzed: 07/31/2026 20:12
Matrix: Water (Surface, Eff., Ground)
QC for Samples: 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024, 1263580025, 1263580026

Results by EP200.8

Blank Spike (ug/L)				
Parameter	Spike	Result	Rec (%)	CL
Calcium	10000	9710	97	(85-115)
Copper	1000	982	98	(85-115)
Iron	5000	5040	101	(85-115)
Magnesium	10000	9670	97	(85-115)
Zinc	1000	978	98	(85-115)

Batch Information

Analytical Batch: MMS13258
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Prep Batch: MXX38664
Prep Method: E200.2
Prep Date/Time: 07/24/2026 19:53
Spike Init Wt./Vol.: 5000 ug/L Extract Vol: 50 mL
Dupe Init Wt./Vol.: Extract Vol:

Matrix Spike Summary

Original Lab ID: 1890134
 Sample ID: 1263580019(1890134MS)
 MS Sample ID: 1890135 MS
 MSD Sample ID:

Analysis Date: 07/31/2026 20:17
 Analysis Date: 07/31/2026 20:20
 Analysis Date:
 Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024, 1263580025, 1263580026

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Calcium	4890	10000	14100	92				70-130		
Copper	2.42J	1000	955	95				70-130		
Iron	2160	5000	6890	95				70-130		
Magnesium	1300	10000	10600	93				70-130		
Zinc	7.50U	1000	954	95				70-130		

Batch Information

Analytical Batch: MMS13258
 Analytical Method: EP200.8
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: LJD
 Analytical Date/Time: 7/31/2026 8:20:00PM

Prep Batch: MXX38664
 Prep Method: DW Digest for Metals on ICP-MS
 Prep Date/Time: 7/24/2026 7:53:00PM
 Prep Initial Wt./Vol.: 20.00mL
 Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:29PM

Matrix Spike Summary

Original Lab ID: 1890136
Sample ID: 1263611001(1890136MS)
MS Sample ID: 1890137 MS
MSD Sample ID:
QC for Samples: 1263580020, 1263580021, 1263580022, 1263580023, 1263580024, 1263580025, 1263580026

Analysis Date: 07/31/2026 20:23
Analysis Date: 07/31/2026 20:26
Analysis Date:
Matrix: Water (Surface, Eff., Ground)

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Calcium	22600	10000	31900	93				70-130		
Copper	25.5	1000	990	97				70-130		
Iron	1290	5000	6220	99				70-130		
Magnesium	6270	10000	15600	94				70-130		
Zinc	25.5	1000	998	97				70-130		

Batch Information

Analytical Batch: MMS13258
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Analytical Date/Time: 7/31/2026 8:26:47PM

Prep Batch: MXX38664
Prep Method: DW Digest for Metals on ICP-MS
Prep Date/Time: 7/24/2026 7:53:00PM
Prep Initial Wt./Vol.: 20.00mL
Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:29PM

Method Blank

Blank ID: MB for HBN 1933057 [MXX/38672]
Blank Lab ID: 1890651

Matrix: Water (Surface, Eff., Ground)

QC for Samples:
1263580029, 1263580039

Results by 200.8 Low Level

Parameter	Results	LOQ/CL	DL	LOD	Units
Arsenic	0.600U	0.800	0.200	0.600	ug/L
Cadmium	0.0375U	0.0500	0.0150	0.0375	ug/L
Chromium	0.375U	0.500	0.150	0.375	ug/L
Copper	0.375U	0.500	0.200	0.375	ug/L
Lead	0.0750U	0.100	0.0310	0.0750	ug/L
Zinc	7.50U	10.0	3.10	7.50	ug/L

Batch Information

Analytical Batch: MMS13253
Analytical Method: 200.8 Low Level
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD
Analytical Date/Time: 7/29/2026 5:00:19PM

Prep Batch: MXX38672
Prep Method: E200.2
Prep Date/Time: 7/27/2026 12:24:00PM
Prep Initial Wt./Vol.: 50 mL
Prep Extract Vol: 10 mL

Print Date: 09/03/2026 4:49:32PM



Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [MXX38672]
Blank Spike Lab ID: 1890652
Date Analyzed: 07/29/2026 17:03

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580029, 1263580039

Results by 200.8 Low Level

Parameter	Blank Spike (ug/L)			CL
	Spike	Result	Rec (%)	
Arsenic	25	23.3	93	(85-115)
Cadmium	12.5	11.8	95	(85-115)
Chromium	12.5	11.8	94	(85-115)
Copper	25	23.3	93	(85-115)
Lead	5	4.46	89	(85-115)
Zinc	50	46.0	92	(85-115)

Batch Information

Analytical Batch: MMS13253
Analytical Method: 200.8 Low Level
Instrument: P8 Agilent 7850 ICP-MS
Analyst: LJD

Prep Batch: MXX38672
Prep Method: E200.2
Prep Date/Time: 07/27/2026 12:24
Spike Init Wt./Vol.: 5 ug/L Extract Vol: 10 mL
Dupe Init Wt./Vol.: Extract Vol:

Matrix Spike Summary

Original Lab ID: 1890653
 Sample ID: 1263580029(1890653MS)
 MS Sample ID: 1890654 MS
 MSD Sample ID:
 QC for Samples: 1263580029, 1263580039

Analysis Date: 07/29/2026 17:05
 Analysis Date: 07/29/2026 17:08
 Analysis Date:
 Matrix: Water (Surface, Eff., Ground)

Results by 200.8 Low Level

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Arsenic	1.32	25.0	25	95				70-130		
Cadmium	0.0375U	12.5	12.2	98				70-130		
Chromium	0.165J	12.5	12.1	95				70-130		
Copper	0.404J	25.0	23.8	94				70-130		
Lead	0.0750U	5.00	4.57	91				70-130		
Zinc	3.34J	50.0	50.2	94				70-130		

Batch Information

Analytical Batch: MMS13253
 Analytical Method: 200.8 Low Level
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: LJD
 Analytical Date/Time: 7/29/2026 5:08:00PM

Prep Batch: MXX38672
 Prep Method: LL Digest for Metals on ICP-MS
 Prep Date/Time: 7/27/2026 12:24:00PM
 Prep Initial Wt./Vol.: 50.00mL
 Prep Extract Vol: 10.00mL

Print Date: 09/03/2026 4:49:38PM

Matrix Spike Summary

Original Lab ID: 1890655
 Sample ID: 1263580039(1890655MS)
 MS Sample ID: 1890656 MS
 MSD Sample ID:
 QC for Samples: 1263580029, 1263580039

Analysis Date: 07/29/2026 17:11
 Analysis Date: 07/29/2026 17:14
 Analysis Date:
 Matrix: Water (Surface, Eff., Ground)

Results by 200.8 Low Level

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Arsenic	5.34	25.0	29.1	95				70-130		
Cadmium	0.0375U	12.5	12.3	98				70-130		
Chromium	0.221J	12.5	12.1	95				70-130		
Copper	0.314J	25.0	23.7	94				70-130		
Lead	0.0750U	5.00	4.64	93				70-130		
Zinc	7.50U	50.0	47.9	96				70-130		

Batch Information

Analytical Batch: MMS13253
 Analytical Method: 200.8 Low Level
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: LJD
 Analytical Date/Time: 7/29/2026 5:14:00PM

Prep Batch: MXX38672
 Prep Method: LL Digest for Metals on ICP-MS
 Prep Date/Time: 7/27/2026 12:24:00PM
 Prep Initial Wt./Vol.: 50.00mL
 Prep Extract Vol: 10.00mL

Print Date: 09/03/2026 4:49:38PM

Method Blank

Blank ID: MB for HBN 1933527 [MXX/38702]
Blank Lab ID: 1893148

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580030, 1263580031, 1263580032, 1263580033, 1263580034, 1263580035, 1263580036, 1263580037, 1263580038, 1263580040, 1263580041, 1263580042, 1263580043, 1263580044

Results by EP200.8

Parameter	Results	LOQ/CL	DL	LOD	Units
Arsenic	3.75U	5.00	1.50	3.75	ug/L
Cadmium	0.375U	0.500	0.150	0.375	ug/L
Chromium	3.75U	5.00	2.50	3.75	ug/L
Copper	2.25U	3.00	1.00	2.25	ug/L
Lead	1.50U	2.00	0.500	1.50	ug/L
Zinc	7.50U	10.0	3.10	7.50	ug/L

Batch Information

Analytical Batch: MMS13251
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: KFC
Analytical Date/Time: 8/6/2026 3:18:31PM

Prep Batch: MXX38702
Prep Method: E200.2
Prep Date/Time: 8/5/2026 2:10:00PM
Prep Initial Wt./Vol.: 20 mL
Prep Extract Vol: 50 mL

Print Date: 09/03/2026 4:49:40PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [MXX38702]
 Blank Spike Lab ID: 1893149
 Date Analyzed: 08/06/2026 15:21

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580030, 1263580031, 1263580032, 1263580033, 1263580034, 1263580035, 1263580036, 1263580037, 1263580038, 1263580040, 1263580041, 1263580042, 1263580043, 1263580044

Results by EP200.8

Blank Spike (ug/L)				
Parameter	Spike	Result	Rec (%)	CL
Arsenic	1000	965	97	(85-115)
Cadmium	100	95.7	96	(85-115)
Chromium	400	391	98	(85-115)
Copper	1000	992	99	(85-115)
Lead	1000	984	98	(85-115)
Zinc	1000	976	98	(85-115)

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: KFC

Prep Batch: MXX38702
 Prep Method: E200.2
 Prep Date/Time: 08/05/2026 14:10
 Spike Init Wt./Vol.: 1000 ug/L Extract Vol: 50 mL
 Dupe Init Wt./Vol.: Extract Vol:

Matrix Spike Summary

Original Lab ID: 1893152
 Sample ID: 1263580033(1893152MS)
 MS Sample ID: 1893153 MS
 MSD Sample ID:
 QC for Samples: 1263580030, 1263580031, 1263580032, 1263580033, 1263580034, 1263580035, 1263580036, 1263580037, 1263580038, 1263580040, 1263580041
 Analysis Date: 08/06/2026 15:27
 Analysis Date: 08/06/2026 15:30
 Analysis Date:
 Matrix: Water (Surface, Eff., Ground)

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Arsenic	3.75U	1000	947	95				70-130		
Cadmium	0.375U	100	93.2	93				70-130		
Chromium	3.75U	400	379	95				70-130		
Copper	2.25U	1000	962	96				70-130		
Lead	1.50U	1000	963	96				70-130		
Zinc	7.50U	1000	958	96				70-130		

Batch Information

Analytical Batch: MMS13251
 Analytical Method: EP200.8
 Instrument: P8 Agilent 7850 ICP-MS
 Analyst: KFC
 Analytical Date/Time: 8/6/2026 3:30:20PM
 Prep Batch: MXX38702
 Prep Method: DW Digest for Metals on ICP-MS
 Prep Date/Time: 8/5/2026 2:10:00PM
 Prep Initial Wt./Vol.: 20.00mL
 Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:47PM

Matrix Spike Summary

Original Lab ID: 1893154
Sample ID: 1263580041(1893154MS)
MS Sample ID: 1893155 MS
MSD Sample ID:
QC for Samples: 1263580034, 1263580035, 1263580036, 1263580037, 1263580038, 1263580040, 1263580041, 1263580042, 1263580043, 1263580044

Analysis Date: 08/06/2026 15:33
Analysis Date: 08/06/2026 15:36
Analysis Date:
Matrix: Water (Surface, Eff., Ground)

Results by EP200.8

Parameter	Sample	Matrix Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Arsenic	1.81J	1000	951	95				70-130		
Cadmium	0.375U	100	93.4	93				70-130		
Chromium	3.75U	400	378	95				70-130		
Copper	2.25U	1000	963	96				70-130		
Lead	1.50U	1000	954	95				70-130		
Zinc	7.50U	1000	948	95				70-130		

Batch Information

Analytical Batch: MMS13251
Analytical Method: EP200.8
Instrument: P8 Agilent 7850 ICP-MS
Analyst: KFC
Analytical Date/Time: 8/6/2026 3:36:14PM

Prep Batch: MXX38702
Prep Method: DW Digest for Metals on ICP-MS
Prep Date/Time: 8/5/2026 2:10:00PM
Prep Initial Wt./Vol.: 20.00mL
Prep Extract Vol: 50.00mL

Print Date: 09/03/2026 4:49:47PM

Method Blank

Blank ID: MB for HBN 1933184 [VXX/44941]
Blank Lab ID: 1891299

Matrix: Water (Surface, Eff., Ground)

QC for Samples:
1263580002, 1263580003, 1263580017, 1263580018, 1263580027, 1263580028

Results by SW8260D

Parameter	Results	LOQ/CL	DL	LOD	Units
Benzene	0.300U	0.400	0.120	0.300	ug/L
Ethylbenzene	0.750U	1.00	0.310	0.750	ug/L
o-Xylene	0.750U	1.00	0.310	0.750	ug/L
P & M -Xylene	1.50U	2.00	0.620	1.50	ug/L
Toluene	0.750U	1.00	0.310	0.750	ug/L
Xylenes (total)	2.25U	3.00	1.00	2.25	ug/L

Surrogates

1,2-Dichloroethane-D4 (surr)	97.5	81-118		0	%
4-Bromofluorobenzene (surr)	96.5	85-114		0	%
Toluene-d8 (surr)	97.2	89-112		0	%

Batch Information

Analytical Batch: VMS25666
Analytical Method: SW8260D
Instrument: Agilent 7890-75MS
Analyst: APB
Analytical Date/Time: 7/29/2026 8:54:00PM

Prep Batch: VXX44941
Prep Method: SW5030B
Prep Date/Time: 7/29/2026 6:00:00AM
Prep Initial Wt./Vol.: 5 mL
Prep Extract Vol: 5 mL

Print Date: 09/03/2026 4:49:50PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [VXX44941]
 Blank Spike Lab ID: 1891300
 Date Analyzed: 07/29/2026 21:09

Spike Duplicate ID: LCSD for HBN 1263580 [VXX44941]
 Spike Duplicate Lab ID: 1891301
 Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580002, 1263580003, 1263580017, 1263580018, 1263580027, 1263580028

Results by SW8260D

Parameter	Blank Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
	Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Benzene	30	32.5	108	30	31.6	105	(79-120)	2.60	(< 20)
Ethylbenzene	30	32.4	108	30	32.8	109	(79-121)	1.20	(< 20)
o-Xylene	30	37.4	125	* 30	31.1	104	(78-122)	18.50	(< 20)
P & M -Xylene	60	66.8	111	60	65.3	109	(80-121)	2.20	(< 20)
Toluene	30	35.2	117	30	31.0	103	(80-121)	12.70	(< 20)
Xylenes (total)	90	104	116	90	96.4	107	(79-121)	7.80	(< 20)
Surrogates									
1,2-Dichloroethane-D4 (surr)	30		108	30		103	(81-118)	4.90	
4-Bromofluorobenzene (surr)	30		98	30		145	* (85-114)	39.20	
Toluene-d8 (surr)	30		116	* 30		99	(89-112)	15.80	

Batch Information

Analytical Batch: VMS25666
 Analytical Method: SW8260D
 Instrument: Agilent 7890-75MS
 Analyst: APB

Prep Batch: VXX44941
 Prep Method: SW5030B
 Prep Date/Time: 07/29/2026 06:00
 Spike Init Wt./Vol.: 30 ug/L Extract Vol: 5 mL
 Dupe Init Wt./Vol.: 30 ug/L Extract Vol: 5 mL

Print Date: 09/03/2026 4:49:54PM

Method Blank

Blank ID: MB for HBN 1933245 [VXX/44948]
Blank Lab ID: 1891735

Matrix: Water (Surface, Eff., Ground)

QC for Samples:
1263580002

Results by SW8260D

<u>Parameter</u>	<u>Results</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>
Toluene	0.750U	1.00	0.310	0.750	ug/L
Surrogates					
1,2-Dichloroethane-D4 (surr)	103	81-118		0	%
4-Bromofluorobenzene (surr)	97.8	85-114		0	%
Toluene-d8 (surr)	95.6	89-112		0	%

Batch Information

Analytical Batch: VMS25668
Analytical Method: SW8260D
Instrument: Agilent 7890-75MS
Analyst: APB
Analytical Date/Time: 7/30/2026 11:26:00AM

Prep Batch: VXX44948
Prep Method: SW5030B
Prep Date/Time: 7/30/2026 6:00:00AM
Prep Initial Wt./Vol.: 5 mL
Prep Extract Vol: 5 mL

Print Date: 09/03/2026 4:49:58PM

Anti-Foam Blank

Blank ID: AFB for HBN 1933245 [VXX/44948]
Blank Lab ID: 1891738

Matrix: Water (Surface, Eff., Ground)

QC for Samples:
1263580002

Results by SW8260D

<u>Parameter</u>	<u>Results</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>
Toluene	0.750U	1.00	0.310	0.750	ug/L
Surrogates					
1,2-Dichloroethane-D4 (surr)	86.4	81-118		0	%
4-Bromofluorobenzene (surr)	94.4	85-114		0	%
Toluene-d8 (surr)	94.7	89-112		0	%

Batch Information

Analytical Batch: VMS25668
Analytical Method: SW8260D
Instrument: Agilent 7890-75MS
Analyst: APB
Analytical Date/Time: 7/30/2026 5:43:00PM

Prep Batch: VXX44948
Prep Method: SW5030B
Prep Date/Time: 7/30/2026 6:00:00AM
Prep Initial Wt./Vol.: 5 mL
Prep Extract Vol: 5 mL

Print Date: 09/03/2026 4:49:58PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [VXX44948]
 Blank Spike Lab ID: 1891736
 Date Analyzed: 07/30/2026 11:57

Spike Duplicate ID: LCSD for HBN 1263580 [VXX44948]
 Spike Duplicate Lab ID: 1891737
 Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580002

Results by SW8260D

Parameter	Blank Spike (ug/L)			Spike Duplicate (ug/L)			CL	RPD (%)	RPD CL
	Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Toluene	30	30.9	103	30	28.5	95	(80-121)	8.10	(< 20)
Surrogates									
1,2-Dichloroethane-D4 (surr)	30		106	30		102	(81-118)	4.20	
4-Bromofluorobenzene (surr)	30		101	30		102	(85-114)	1.30	
Toluene-d8 (surr)	30		97	30		98	(89-112)	0.27	

Batch Information

Analytical Batch: VMS25668
 Analytical Method: SW8260D
 Instrument: Agilent 7890-75MS
 Analyst: APB

Prep Batch: VXX44948
 Prep Method: SW5030B
 Prep Date/Time: 07/30/2026 06:00
 Spike Init Wt./Vol.: 30 ug/L Extract Vol: 5 mL
 Dupe Init Wt./Vol.: 30 ug/L Extract Vol: 5 mL

Print Date: 09/03/2026 4:50:05PM

Method Blank

Blank ID: MB for HBN 1933389 (WFI/3275)
Blank Lab ID: 1892445

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024

Results by SM21 4500NO3-F

Parameter	Results	LOQ/CL	DL	LOD	Units
Nitrate-N	0.150U	0.200	0.0500	0.150	mg/L
Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L
Total Nitrate/Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Instrument: Astoria segmented flow
Analyst: AGH
Analytical Date/Time: 8/3/2026 1:55:31PM

Print Date: 09/03/2026 4:50:08PM

Method Blank

Blank ID: MB for HBN 1933389 (WFI/3275)
Blank Lab ID: 1892447

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018, 1263580019, 1263580020

Results by SM21 4500NO3-F

Parameter	Results	LOQ/CL	DL	LOD	Units
Nitrate-N	0.150U	0.200	0.0500	0.150	mg/L
Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L
Total Nitrate/Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Instrument: Astoria segmented flow
Analyst: AGH
Analytical Date/Time: 8/3/2026 1:10:02PM

Print Date: 09/03/2026 4:50:08PM

Method Blank

Blank ID: MB for HBN 1933389 (WFI/3275)
Blank Lab ID: 1892449

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007

Results by SM21 4500NO3-F

<u>Parameter</u>	<u>Results</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>
Nitrate-N	0.150U	0.200	0.0500	0.150	mg/L
Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L
Total Nitrate/Nitrite-N	0.150U	0.200	0.0500	0.150	mg/L

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Instrument: Astoria segmented flow
Analyst: AGH
Analytical Date/Time: 8/3/2026 12:22:47PM

Print Date: 09/03/2026 4:50:08PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [WFI3275]

Blank Spike Lab ID: 1892446

Date Analyzed: 08/03/2026 13:53

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024

Results by SM21 4500NO3-F

Blank Spike (mg/L)				
Parameter	Spike	Result	Rec (%)	CL
Nitrate-N	2.5	2.44	98	(70-130)
Nitrite-N	2.5	2.50	100	(90-110)
Total Nitrate/Nitrite-N	5	4.94	99	(90-110)

Batch Information

Analytical Batch: WFI3275

Analytical Method: SM21 4500NO3-F

Instrument: Astoria segmented flow

Analyst: AGH

Print Date: 09/03/2026 4:50:11PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [WFI3275]

Blank Spike Lab ID: 1892448

Date Analyzed: 08/03/2026 13:08

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018, 1263580019, 1263580020

Results by SM21 4500NO3-F

Blank Spike (mg/L)				
Parameter	Spike	Result	Rec (%)	CL
Nitrate-N	2.5	2.47	99	(70-130)
Nitrite-N	2.5	2.57	103	(90-110)
Total Nitrate/Nitrite-N	5	5.04	101	(90-110)

Batch Information

Analytical Batch: WFI3275

Analytical Method: SM21 4500NO3-F

Instrument: Astoria segmented flow

Analyst: AGH

Print Date: 09/03/2026 4:50:11PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [WFI3275]

Blank Spike Lab ID: 1892450

Date Analyzed: 08/03/2026 12:21

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007

Results by SM21 4500NO3-F

Blank Spike (mg/L)				
Parameter	Spike	Result	Rec (%)	CL
Nitrate-N	2.5	2.46	98	(70-130)
Nitrite-N	2.5	2.51	100	(90-110)
Total Nitrate/Nitrite-N	5	4.97	99	(90-110)

Batch Information

Analytical Batch: WFI3275

Analytical Method: SM21 4500NO3-F

Instrument: Astoria segmented flow

Analyst: AGH

Print Date: 09/03/2026 4:50:11PM

Matrix Spike Summary

Original Lab ID: 1263718001
Sample ID: 1263718001MS
MS Sample ID: 1892412 MS
MSD Sample ID: 1892413 MSD
QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008
Analysis Date: 08/03/2026 12:28
Analysis Date: 08/03/2026 12:29
Analysis Date: 08/03/2026 12:31
Matrix: Drinking Water

Results by SM21 4500NO3-F

Parameter	Sample	Matrix Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Nitrate/Nitrite-N	0.200U	5.00	4.71	94	5.00	4.61	92	90-110	2.10	(< 25)

Batch Information

Analytical Batch: WFI3275
Analytical Method: SM21 4500NO3-F
Instrument: Astoria segmented flow
Analyst: AGH
Analytical Date/Time: 8/3/2026 12:29:00PM

Print Date: 09/03/2026 4:50:15PM



Matrix Spike Summary

Original Lab ID: 1263580008

Sample ID: 1263580008MS

MS Sample ID: 1892414 MS

MSD Sample ID: 1892415 MSD

Analysis Date: 08/03/2026 13:13

Analysis Date: 08/03/2026 13:15

Analysis Date: 08/03/2026 13:17

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015, 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021

Results by SM21 4500NO3-F

Parameter	Sample	Matrix Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Nitrate/Nitrite-N	0.166J	5.00	4.98	96	5.00	4.82	93	90-110	3.20	(< 25)

Batch Information

Analytical Batch: WFI3275

Analytical Method: SM21 4500NO3-F

Instrument: Astoria segmented flow

Analyst: AGH

Analytical Date/Time: 8/3/2026 1:15:00PM

Print Date: 09/03/2026 4:50:15PM

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Member of SGS Group

Matrix Spike Summary

Original Lab ID: 1263580021
 Sample ID: 1263580021MS
 MS Sample ID: 1892416 MS
 MSD Sample ID: 1892417 MSD
 Analysis Date: 08/03/2026 13:59
 Analysis Date: 08/03/2026 14:00
 Analysis Date: 08/03/2026 14:02
 Matrix: Water (Surface, Eff., Ground)
 QC for Samples: 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015,
 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022,
 1263580023, 1263580024

Results by SM21 4500NO3-F

Parameter	Sample	Matrix Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Nitrate/Nitrite-N	0.333	5.00	5.28	99	5.00	5.26	99	90-110	0.23	(< 25)

Batch Information

Analytical Batch: WFI3275
 Analytical Method: SM21 4500NO3-F
 Instrument: Astoria segmented flow
 Analyst: AGH
 Analytical Date/Time: 8/3/2026 2:00:00PM

Print Date: 09/03/2026 4:50:15PM



Method Blank

Blank ID: MB for HBN 1933108 [WXX/16236]
Blank Lab ID: 1890919

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009,
1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015

Results by SM21 4500P-B,E

<u>Parameter</u>	<u>Results</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>
Total Phosphorus	0.0300U	0.0400	0.0120	0.0300	mg/L

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Instrument: Discrete Analyzer 2
Analyst: DAT
Analytical Date/Time: 7/28/2026 3:34:41PM

Prep Batch: WXX16236
Prep Method: SM21 4500P-B,E
Prep Date/Time: 7/27/2026 3:57:00PM
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:50:18PM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [WXX16236]
 Blank Spike Lab ID: 1890920
 Date Analyzed: 07/28/2026 15:35

Spike Duplicate ID: LCSD for HBN 1263580 [WXX16236]
 Spike Duplicate Lab ID: 1890921
 Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015

Results by SM21 4500P-B,E

Parameter	Blank Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
	Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Phosphorus	0.2	0.198	99	0.2	0.194	97	(75-125)	1.60	(< 25)

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Instrument: Discrete Analyzer 2
 Analyst: DAT

Prep Batch: WXX16236
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/2026 15:57
 Spike Init Wt./Vol.: 0.2 mg/L Extract Vol: 25 mL
 Dupe Init Wt./Vol.: 0.2 mg/L Extract Vol: 25 mL

Print Date: 09/03/2026 4:50:21PM

Matrix Spike Summary

Original Lab ID: 1263574003
 Sample ID: 1263574003MS
 MS Sample ID: 1890922 MS
 MSD Sample ID: 1890923 MSD
 QC for Samples: 1263580001, 1263580002, 1263580003, 1263580004, 1263580005, 1263580006, 1263580007, 1263580008, 1263580009, 1263580010, 1263580011, 1263580012, 1263580013, 1263580014, 1263580015
 Analysis Date: 07/28/2026 15:37
 Analysis Date: 07/28/2026 15:38
 Analysis Date: 07/28/2026 15:39
 Matrix: Water (Surface, Eff., Ground)

Results by SM21 4500P-B,E

Parameter	Sample	Matrix Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Phosphorus	0.0300U	0.200	.202	101	0.200	0.201	101	75-125	0.20	(< 7)

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Instrument: Discrete Analyzer 2
 Analyst: DAT
 Analytical Date/Time: 7/28/2026 3:38:37PM
 Prep Batch: WXX16236
 Prep Method: Total Phosphorus (W) Ext.
 Prep Date/Time: 7/27/2026 3:57:00PM
 Prep Initial Wt./Vol.: 25.00mL
 Prep Extract Vol: 25.00mL

Print Date: 09/03/2026 4:50:23PM



Method Blank

Blank ID: MB for HBN 1933109 [WXX/16237]
Blank Lab ID: 1890924

Matrix: Water (Surface, Eff., Ground)

QC for Samples:

1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024

Results by SM21 4500P-B,E

<u>Parameter</u>	<u>Results</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>LOD</u>	<u>Units</u>
Total Phosphorus	0.0300U	0.0400	0.0120	0.0300	mg/L

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Instrument: Discrete Analyzer 2
Analyst: DAT
Analytical Date/Time: 7/28/2026 4:03:11PM

Prep Batch: WXX16237
Prep Method: SM21 4500P-B,E
Prep Date/Time: 7/27/2026 4:57:00PM
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Print Date: 09/03/2026 4:50:25PM

SGS North America Inc.

200 West Potter Drive Anchorage, AK 95518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Member of SGS Group

Blank Spike Summary

Blank Spike ID: LCS for HBN 1263580 [WXX16237]
 Blank Spike Lab ID: 1890925
 Date Analyzed: 07/28/2026 16:04

Spike Duplicate ID: LCSD for HBN 1263580 [WXX16237]
 Spike Duplicate Lab ID: 1890926
 Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024

Results by SM21 4500P-B,E

Parameter	Blank Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
	Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Phosphorus	0.2	0.192	96	0.2	0.191	96	(75-125)	0.26	(< 25)

Batch Information

Analytical Batch: WDA6275
 Analytical Method: SM21 4500P-B,E
 Instrument: Discrete Analyzer 2
 Analyst: DAT

Prep Batch: WXX16237
 Prep Method: SM21 4500P-B,E
 Prep Date/Time: 07/27/2026 16:57
 Spike Init Wt./Vol.: 0.2 mg/L Extract Vol: 25 mL
 Dupe Init Wt./Vol.: 0.2 mg/L Extract Vol: 25 mL

Print Date: 09/03/2026 4:50:30PM

Matrix Spike Summary

Original Lab ID: 1263580016
Sample ID: 1263580016MS
MS Sample ID: 1890927 MS
MSD Sample ID: 1890928 MSD
QC for Samples: 1263580016, 1263580017, 1263580018, 1263580019, 1263580020, 1263580021, 1263580022, 1263580023, 1263580024
Analysis Date: 07/28/2026 16:06
Analysis Date: 07/28/2026 16:07
Analysis Date: 07/28/2026 16:10
Matrix: Water (Surface, Eff., Ground)

Results by SM21 4500P-B,E

Parameter	Sample	Matrix Spike (mg/L)			Spike Duplicate (mg/L)			CL	RPD (%)	RPD CL
		Spike	Result	Rec (%)	Spike	Result	Rec (%)			
Total Phosphorus	0.0202J	0.200	.238	109	0.200	0.231	105	75-125	3.10	(< 7)

Batch Information

Analytical Batch: WDA6275
Analytical Method: SM21 4500P-B,E
Instrument: Discrete Analyzer 2
Analyst: DAT
Analytical Date/Time: 7/28/2026 4:07:03PM

Prep Batch: WXX16237
Prep Method: Total Phosphorus (W) Ext.
Prep Date/Time: 7/27/2026 4:57:00PM
Prep Initial Wt./Vol.: 25.00mL
Prep Extract Vol: 25.00mL

Print Date: 09/03/2026 4:50:32PM

[EXTERNAL] KWF Kenai River Baseline billing

From Alie Minium <alie@kenaiwatershed.org>

Date Thu 7/30/2026 10:03 AM

To Whisman, Curtis (Anchorage) <Curtis.Whisman@sgs.com>

*** WARNING: this message is from an EXTERNAL SENDER. Please be cautious, particularly with links and attachments. ***

Good morning, Curtis!

I wanted to reach out to ensure that a portion of our analysis and laboratory costs (\$5,000) are billed to the Kenai National Wildlife Refuge. It should work the same way as last year, but please let me know if you have any questions!

All the best,

Alie

--

Alie Minium, MS Environmental Science
Hydrology Coordinator
(907) 690-1724 | [kenaiwatershed.org](mailto:alie@kenaiwatershed.org)



44129 Sterling Hwy, Soldotna, AK 99669 | Phone (907) 260 – 5449 | www.kenaiwatershed.org

Working together for healthy watersheds on the Kenai Peninsula

June 4, 2026

To:

Curtis Whisman
SGS North America, Inc
200 W Potter Dr
Anchorage, AK 99518

Hello Curtis,

Included with this email is the kit request for our Summer 2026 Kenai River Baseline Water Quality Sampling project. The materials can be mailed to our address in Soldotna listed above. We will be collecting samples on July 22nd this year, and sending them back to your lab in Anchorage via Grant Aviation that same afternoon. We request to receive this kit as soon as is reasonable, it can be sent in advance as soon as it is available.

The kit request is similar to last year's kit request for Summer 2025. A few notes for specific analyses follow below:

Dissolved Metals Analyses

Dissolved metals samples (EPA 200.8 analysis) will be collected only at select sites, including field blanks and duplicates. They will be filtered in the SGS lab.

Parameters to be analyzed in the 200.8 dissolved metals analyses include:

- Arsenic
- Cadmium
- Chromium
- Copper
- Lead
- Zinc

Total Metals Analyses

Total metals (EPA 200.8 analysis) samples are collected at all sites throughout the project. We request analyses for total metals samples for five parameters at sites from RM 31 (River Mile 31) and downstream to RM 0, including:

- Calcium, total
- Iron, total
- Magnesium, total



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-
- Copper, total
 - Zinc, total

At sites upstream of RM 31, we request a smaller subset of total metals results, including:

- Calcium, total
- Iron, total
- Magnesium, total

Other Notes

- We are collecting metals field blanks at two sites, which will be analyzed for a.) total metals and b.) dissolved metals. These additions are reflected in the kit request numbers.
- BTEX trip blanks: we request a total of two (2) BTEX trip blank kits. When results from BTEX trip blanks are reported, we request that their data are associated with the site name(s) written on the label on the outer box of the kit.
- The project QAPP can be accessed on our website at <https://www.kenaiwatershed.org/news-media/qapp-revisions-completed-2023/>.

Thank you again for your time and support with this project, and please don't hesitate to contact me with any questions. We particularly appreciate SGS's recent joining in the project Memorandum of Understanding and 15% discount offered, and the personal time volunteered on this project by SGS employee Kyle Hasse.

Sincerely,

A handwritten signature in cursive script that reads 'Alie Minium'.

Alie Minium, Hydrology Coordinator
alie@kenaiwatershed.org
(907) 690-1724

Re: [EXTERNAL] Follow up on job #1263580

From Alie Minium <alie@kenaiwatershed.org>

Date Fri 8/21/2026 2:01 PM

To Whisman, Curtis (Anchorage) <Curtis.Whisman@sgs.com>

Cc Benjamin Meyer <ben@kenaiwatershed.org>

*** WARNING: this message is from an EXTERNAL SENDER. Please be cautious, particularly with links and attachments. ***

Hi Curtis,

Thanks for all your hard work! Yes, we're okay with those two being reported at low-level: Where low-level reporting limits are the only available option, I'd still like the data. How much lower is the reporting limit? We'll be able to flag and document the error in our QC and reporting process. Could you also confirm if the low-level analysis uses the same method and QC as standard analysis?

All the best,

Alie

On Fri, Aug 21, 2026 at 11:08 AM Whisman, Curtis (Anchorage) <Curtis.Whisman@sgs.com> wrote:
Ben,

I'm still finishing this one up. I just wanted to inform you that we had accidentally ran some of the dissolved metals as low level instead of our standard. We were able to rerun most of them on our standard dissolved metals. However, we had insufficient volume to perform a rerun for samples 'RM 0 - No Name Creek' and 'RM 22 - Soldotna Creek Dup'. We still have the low level dissolved data which should be the same, just with lower reporting limits. Are you OK with us reporting the low level data for these samples? I apologize for the late notification.

Let me know if you have any more questions.

Curtis Whisman

SGS North America – Industries & Environment

Project Manager

Desk: +1 907 550 3215

Email: Curtis.Whisman@sgs.com

[Environment, Health & Safety Website](#)

[Env North America LinkedIn Page](#)

From: Whisman, Curtis (Anchorage) <Curtis.Whisman@sgs.com>
Sent: Wednesday, August 19, 2026 3:15 PM
To: Benjamin Meyer <ben@kenaiwatershed.org>
Cc: Alie Minium <alie@kenaiwatershed.org>
Subject: Re: [EXTERNAL] Follow up on job #1263580

Ben,

Sorry for the delay on this one. I need to fix a few things with this report (and the billing) before I can finalize it. I expect to have this completed before the end of the week.

Let me know if you have any more questions.

Curtis Whisman
SGS North America – Industries & Environment
Project Manager
Desk: +1 907 550 3215
Email: Curtis.Whisman@sgs.com

[Environment, Health & Safety Website](#)

[Env North America LinkedIn Page](#)

From: Benjamin Meyer <ben@kenaiwatershed.org>
Sent: Wednesday, August 19, 2026 10:11 AM
To: Whisman, Curtis (Anchorage) <Curtis.Whisman@sgs.com>
Cc: Alie Minium <alie@kenaiwatershed.org>
Subject: [EXTERNAL] Follow up on job #1263580

*** WARNING: this message is from an EXTERNAL SENDER. Please be cautious, particularly with links and attachments. ***

Hi Curtis,

I am following up on our sampling event from 7/23/2026. I just checked in on SGS Engage and I did not find the results there yet. I just wanted to verify they were still in the queue, as usually we have the results by now. We are not in a great hurry to receive them, but I am about to be out of the office for a week or two so just thought I'd check in first.

Thanks! Cheers -- Ben

--

Benjamin Meyer *(he/him)*

Research Coordinator

(907) 232-0280 | kenaiwatershed.org

Ben@kenaiwatershed.org

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--

Alie Minium, MS Environmental Science

Hydrology Coordinator

(907) 690-1724 | kenaiwatershed.org

SGS North America Inc.
CHAIN OF CUSTODY RECORD



SGS North America Inc.
CHAIN OF CUSTODY RECORD

1263580



CLIENT: Kenai Watershed Forum					Instructions: Sections 1 - 5 must be filled out. Omissions may delay the onset of analysis.										Page <u>3</u> of <u>3</u>					
CONTACT: Alie Minium					PHONE #: 907-690-1724		Section 3		Preservative											
PROJECT NAME: Kenai River Baseline Water Quality Monitoring					PROJECT/ PWSID/ PERMIT#:		# CONTAINERS		Analysis*										NOTE: *The following analyses require specific method and/or compound list: BTEX, Metals, PFAS	
REPORTS TO: Alie Minium					E-MAIL: alie@kenaiwatershed.org		Comp Grab MI (Multi-incremental)												REMARKS/LOC ID	
INVOICE TO: Kenai Watershed Forum					QUOTE #: P.O. #:															
RESERVED for lab use		SAMPLE IDENTIFICATION		DATE mm/dd/yy	TIME HH:MM	MATRIX/ MATRIX CODE			Total NO3/NO2/SM21 4500/NO3-F, Total P(SM4500)	Total Metals (200.8)	Dissolved Metals (200.8) (FILTER IN LAB)	BTEX SW 8620D								
21 AB	RM 70 - Jim's Landing	7/22/2026	11:45	water	2			X	X											
22 AB	RM 74 - Russian River	7/22/2026	11:05	water	2			X	X											
23 AB	RM 82 - Kenai Lake Bridge	7/22/2026	08:15	water	2			X	X											
24 AB	RM 79.5 - Juneau Creek	7/22/2026	09:42	water	2			X	X											
25 A	RM 18 - Poachers Cove - Field Blank	7/22/2026	10:01	water	2				X	X										
26 A	RM 23 - Swiftwater Park - Field Blank	7/22/2026	10:30	water	2				X	X										
27 AC	RM 40 and 43 Trip Blank	7/22/26	11:40	water	3							X								
28 AC	RM 1.5 and 6.5 Trip Blank	7/22/26	9:14	water	3							X								
Relinquished By: (1)		Date	Time	Received By:		Section 4		DOD Project? Yes ☒ No ☐		Data Deliverable Requirements: Please include Electronic Data Delivery files.										
Alie Minium		7/22/2026	1:33pm			Cooler ID:		Requested Turnaround Time and/or Special Instructions:												
Relinquished By: (2)		Date	Time	Received By:																
Relinquished By: (3)		Date	Time	Received By:																
Relinquished By: (4)		Date	Time	Received For Laboratory By:		Temp Blank °C: <u>6.0</u>		or Ambient [] <u>D58</u>		Chain of Custody Seal: (Circle) <u>IF</u> <u>INTACT</u> BROKEN ABSENT										
		07/22/26	17:03			Delivery Method: Hand Delivery [] Commerical Delivery [<u>Hand</u>]														



1263580



SAMPLE RECEIPT FORM

Project Manager Completion				
Was all necessary information recorded on the COC upon receipt? (Temperature, COC seals, etc.?)	☒ Yes	No	N/A	
Was temperature between 0-6° C?	☒ Yes	No	N/A	If "No", are the samples either exempt* or sampled <8 hours prior to receipt?
Were all analyses received within holding time*?	☒ Yes	No	N/A	
Was a method specified for each analysis, where applicable? If no, please note correct methods.	☒ Yes	No	N/A	
Are compound lists specified, where applicable? For project specific or special compound lists please note correct analysis code.	Yes	No	☒ N/A	
If rush was requested by the client, was the requested TAT approved?	Yes	No	☒ N/A	If "NO", what is the approved TAT?
If SEDD Deliverables are required, were Location ID's and an NPDL Number provided?	Yes	No	☒ N/A	If "NO", contact client for information.
Sample Login Completion				
Do ID's on sample containers match COC?	☒ Yes	No	N/A	
If provided on containers, do dates/times collected match COC?	☒ Yes	No	N/A	Note: If times differ <1 hr., record details below and login per COC.
Were all sample containers received in good condition?	☒ Yes	No	N/A	
Were proper containers (type/mass/volume/preservative) received for all samples? *See form F-083 "Sample Guide"	☒ Yes	No	N/A	Note: If 200.8/6020 Total Metals are received unpreserved, preserve, and note HNO3 lot here: If 200.8/6020 Dissolved Metals are received unpreserved, log in for LABFILTER and do not preserve. For all non-metals methods, inform Project Manager.
Were Trip Blanks (VOC, GRO, Low-Level Hg, etc.) received with samples, where applicable*?	☒ Yes	No	N/A	
Were all VOA vials free of headspace >6mm?	☒ Yes	No	N/A	
Were all soil VOA samples received field extracted with Methanol?	Yes	No	☒ N/A	
Did all soil VOA samples have an accompanying unpreserved container for % solids?	Yes	No	☒ N/A	
If special handling is required, were containers labelled appropriately? e.g. MI/ISM, foreign soils, lab filter, Ref Lab, limited volume	Yes	No	☒ N/A	
For Rush/Short Holding time, was the lab notified?	Yes	No	☒ N/A	
For any question answered "NO", was the Project Manager notified?	Yes	No	☒ N/A	PM Initials:
Was Peer Review of sample numbering/labelling completed?	☒ Yes	No	N/A	Reviewer Initials: SD
Additional Notes/Clarification where Applicable, including resolution of "No" answers when a change order is not attached:				

AIRBILL 18781674

64

1263580

RANT
AVIATION

I hereby declare that the goods contained herein do not contain dangerous goods.

Signed.....

Date

**FREIGHT DETAILS****FROM/TO:** Kenai -> Anchorage International**Flight Departs:** Jul 22 26 2:55 PM**Receiver:** Alert Expeditors
907-272-0349**Sender:** Kenai Watershed Forum -
Kenai Watershed Forum
Ph 9072605449 44129 Sterling Hwy
Soldtna**Accepted:** Wed, Jul 22 26 2:08:00 PM

Description & Comment	Quan.	Wgt.	Handle Fee	Hazmat Fee	Total
Standard Freight	1	53	-	-	\$39.91
Total Tax:					\$2.49
Total Payments made:					\$42.40
Total Unpaid:					\$0.00

Received in good condition by:

CUSTOMER COPY

AIRBILL 18781674

I hereby declare that the goods contained herein do not contain dangerous goods.

Signed.....

Date

Grant Aviation

6420 Kulis Dr. Anchorage, AK 99502

Phone: 1 (888) 359-4726**Freephone:** 1 (888) 359-4726**Email:** res@flygrant.com**Web:** http://www.flygrant.com/**FREIGHT DETAILS****FROM/TO:** Kenai -> Anchorage International**Flight Departs:** Jul 22 26 2:55 PM**Receiver:** Alert Expeditors
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Description & Comment	Quan.	Wgt.	Handle Fee	Hazmat Fee	Total
Standard Freight	1	53	-	-	\$39.91
TAX: Federal Excise Tax					\$2.49
Total Payments made:					\$42.40
Total Unpaid:					\$0.00

TERMS AND CONDITIONS

Consignemnt Note Text

Alert Expeditors Inc.

#448091

Citywide Delivery • 440-3351
8421 Flamingo Drive • Anchorage, Alaska 99502

Xo

Date

7-22-26

From

Kean Waterford

To

SGS Labs Inc

Collect ☐

Prepay ☐

Advance Charges ☐

Job #

EAH

PO#

Gron + 18781674

Samples

1263580



Shipped Signature

[Signature]

Total Charge

Received By:

[Signature]

Sample Containers and Preservatives

<u>Container Id</u>	<u>Preservative</u>	<u>Container Condition</u>	<u>Container Id</u>	<u>Preservative</u>	<u>Container Condition</u>
1263580001-A	H2SO4 to pH < 2	OK	1263580020-A	H2SO4 to pH < 2	OK
1263580001-B	HNO3 to pH < 2	OK	1263580020-B	HNO3 to pH < 2	OK
1263580002-A	H2SO4 to pH < 2	OK	1263580021-A	H2SO4 to pH < 2	OK
1263580002-B	HNO3 to pH < 2	OK	1263580021-B	HNO3 to pH < 2	OK
1263580002-C	HCL	OK	1263580022-A	H2SO4 to pH < 2	OK
1263580002-D	HCL	OK	1263580022-B	HNO3 to pH < 2	OK
1263580002-E	HCL	OK	1263580023-A	H2SO4 to pH < 2	OK
1263580003-A	H2SO4 to pH < 2	OK	1263580023-B	HNO3 to pH < 2	OK
1263580003-B	HNO3 to pH < 2	OK	1263580024-A	H2SO4 to pH < 2	OK
1263580003-C	HCL	OK	1263580024-B	HNO3 to pH < 2	OK
1263580003-D	HCL	OK	1263580025-A	HNO3 to pH < 2	OK
1263580003-E	HCL	OK	1263580026-A	HNO3 to pH < 2	OK
1263580004-A	H2SO4 to pH < 2	OK	1263580027-A	HCL	OK
1263580004-B	HNO3 to pH < 2	OK	1263580027-B	HCL	OK
1263580005-A	H2SO4 to pH < 2	OK	1263580027-C	HCL	OK
1263580005-B	HNO3 to pH < 2	OK	1263580028-A	HCL	OK
1263580006-A	H2SO4 to pH < 2	OK	1263580028-B	HCL	OK
1263580006-B	HNO3 to pH < 2	OK	1263580028-C	HCL	OK
1263580007-A	H2SO4 to pH < 2	OK	1263580029-A	No Preservative Required	OK
1263580007-B	HNO3 to pH < 2	OK	1263580029-B	HNO3 to pH < 2	OK
1263580008-A	H2SO4 to pH < 2	OK	1263580030-A	No Preservative Required	OK
1263580008-B	HNO3 to pH < 2	OK	1263580030-B	HNO3 to pH < 2	OK
1263580009-A	H2SO4 to pH < 2	OK	1263580031-A	No Preservative Required	OK
1263580009-B	HNO3 to pH < 2	OK	1263580031-B	HNO3 to pH < 2	OK
1263580010-A	H2SO4 to pH < 2	OK	1263580032-A	No Preservative Required	OK
1263580010-B	HNO3 to pH < 2	OK	1263580032-B	HNO3 to pH < 2	OK
1263580011-A	H2SO4 to pH < 2	OK	1263580033-A	No Preservative Required	OK
1263580011-B	HNO3 to pH < 2	OK	1263580033-B	HNO3 to pH < 2	OK
1263580012-A	H2SO4 to pH < 2	OK	1263580034-A	No Preservative Required	OK
1263580012-B	HNO3 to pH < 2	OK	1263580034-B	HNO3 to pH < 2	OK
1263580013-A	H2SO4 to pH < 2	OK	1263580035-A	No Preservative Required	OK
1263580013-B	HNO3 to pH < 2	OK	1263580035-B	HNO3 to pH < 2	OK
1263580014-A	H2SO4 to pH < 2	OK	1263580036-A	No Preservative Required	OK
1263580014-B	HNO3 to pH < 2	OK	1263580036-B	HNO3 to pH < 2	OK
1263580015-A	H2SO4 to pH < 2	OK	1263580037-A	No Preservative Required	OK
1263580015-B	HNO3 to pH < 2	OK	1263580037-B	HNO3 to pH < 2	OK
1263580016-A	H2SO4 to pH < 2	OK	1263580038-A	No Preservative Required	OK
1263580016-B	HNO3 to pH < 2	OK	1263580038-B	HNO3 to pH < 2	OK
1263580017-A	H2SO4 to pH < 2	OK	1263580039-A	No Preservative Required	OK
1263580017-B	HNO3 to pH < 2	OK	1263580039-B	HNO3 to pH < 2	OK
1263580017-C	HCL	OK	1263580040-A	No Preservative Required	OK
1263580017-D	HCL	OK	1263580040-B	HNO3 to pH < 2	OK
1263580017-E	HCL	OK	1263580041-A	No Preservative Required	OK
1263580018-A	H2SO4 to pH < 2	OK	1263580041-B	HNO3 to pH < 2	OK
1263580018-B	HNO3 to pH < 2	OK	1263580042-A	No Preservative Required	OK
1263580018-C	HCL	OK	1263580042-B	HNO3 to pH < 2	OK
1263580018-D	HCL	OK	1263580043-A	No Preservative Required	OK
1263580018-E	HCL	OK	1263580043-B	HNO3 to pH < 2	OK
1263580019-A	H2SO4 to pH < 2	OK	1263580044-A	No Preservative Required	OK
1263580019-B	HNO3 to pH < 2	OK	1263580044-B	HNO3 to pH < 2	OK

Container Condition Glossary

Containers for bacteriological, low level mercury and VOA vials are not opened prior to analysis and will be assigned condition code OK unless evidence indicates than an inappropriate container was submitted. Due to the nature of VOAs they are not checked prior to analysis. VOA vials for water are by default preserved with HCl and should be pH <2. It will be noted during analysis if pH is not <2.

- OK - The container was received at an acceptable pH for the analysis requested.
- BU - The container was received with headspace greater than 6mm.
- DM - The container was received damaged.
- FR - The container was received frozen and not usable for Bacteria or BOD analyses.
- IC - The container provided for microbiology analysis was not a laboratory-supplied, pre-sterilized container and therefore was not suitable for analysis.
- NC- The container provided was not preserved or was under-preserved. The method does not allow for additional preservative added after collection.
- PA - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt and the container is now at the correct pH. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
- PH - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt, but was insufficient to bring the container to the correct pH for the analysis