

metals
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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1774
contract: TETR06 **lab code:** CHEM **case no.:** Q1774 **sas no.:** Q1774
matrix: Water **sample id:** Q1746-05 **client id:** B-158-GW01MS
Percent Solids for Sample: NA **Spiked ID:** Q1746-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.22		0.20	J	4.0	51	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1774
contract: TETR06 **lab code:** CHEM **case no.:** Q1774 **sas no.:** Q1774
matrix: Water **sample id:** Q1746-05 **client id:** B-158-GW01MSD
Percent Solids for Sample: NA **Spiked ID:** Q1746-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.16		0.20	J	4.0	49	N	CV

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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1774
contract: TETR06 **lab code:** CHEM **case no.:** Q1774 **sas no.:** Q1774
matrix: Water **sample id:** Q1774-02 **client id:** TT-073-IDWGW-20250409MS
Percent Solids for Sample: NA **Spiked ID:** Q1774-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	9510		10000		1000	-49		P
Antimony	ug/L	88 - 113	380		25.0	U	400	95		P
Arsenic	ug/L	87 - 113	378		9.21	J	400	92		P
Barium	ug/L	88 - 113	137		94.7		100	42	N	P
Beryllium	ug/L	89 - 112	94.1		1.44	J	100	93		P
Cadmium	ug/L	88 - 113	97.2		3.00	U	100	97		P
Calcium	ug/L	87 - 113	5740		11100		500	-1080		P
Chromium	ug/L	90 - 113	205		37.4		200	84	N	P
Cobalt	ug/L	89 - 114	98.5		8.71	J	100	90		P
Copper	ug/L	86 - 114	158		42.7		150	77	N	P
Iron	ug/L	87 - 115	6130		9850		1500	-248		P
Lead	ug/L	86 - 113	479		22.2		500	91		P
Magnesium	ug/L	85 - 113	2820		3630		1000	-81	N	P
Manganese	ug/L	90 - 114	207		237		100	-30	N	P
Nickel	ug/L	88 - 113	244		18.1	J	250	90		P
Potassium	ug/L	86 - 114	38100		78500		5000	-807		P
Selenium	ug/L	83 - 114	900		10.0	U	1000	90		P
Silver	ug/L	84 - 115	33.7		5.00	U	37.5	90		P
Sodium	ug/L	87 - 115	27200		61400		1500	-2285		P
Thallium	ug/L	85 - 114	935		20.0	U	1000	94		P
Vanadium	ug/L	90 - 111	148		22.5		150	84	N	P
Zinc	ug/L	87 - 115	122		45.6		100	77	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1774
contract: TETR06 **lab code:** CHEM **case no.:** Q1774 **sas no.:** Q1774
matrix: Water **sample id:** Q1774-02 **client id:** TT-073-IDWGW-20250409MSD
Percent Solids for Sample: NA **Spiked ID:** Q1774-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	9360		10000		1000	-64		P
Antimony	ug/L	88 - 113	377		25.0	U	400	94		P
Arsenic	ug/L	87 - 113	375		9.21	J	400	91		P
Barium	ug/L	88 - 113	140		94.7		100	45	N	P
Beryllium	ug/L	89 - 112	95.1		1.44	J	100	94		P
Cadmium	ug/L	88 - 113	96.1		3.00	U	100	96		P
Calcium	ug/L	87 - 113	6340		11100		500	-960		P
Chromium	ug/L	90 - 113	204		37.4		200	83	N	P
Cobalt	ug/L	89 - 114	98.1		8.71	J	100	89		P
Copper	ug/L	86 - 114	158		42.7		150	77	N	P
Iron	ug/L	87 - 115	6480		9850		1500	-225		P
Lead	ug/L	86 - 113	473		22.2		500	90		P
Magnesium	ug/L	85 - 113	3000		3630		1000	-62	N	P
Manganese	ug/L	90 - 114	220		237		100	-17	N	P
Nickel	ug/L	88 - 113	241		18.1	J	250	89		P
Potassium	ug/L	86 - 114	41400		78500		5000	-742		P
Selenium	ug/L	83 - 114	891		10.0	U	1000	89		P
Silver	ug/L	84 - 115	33.6		5.00	U	37.5	90		P
Sodium	ug/L	87 - 115	29800		61400		1500	-2109		P
Thallium	ug/L	85 - 114	928		20.0	U	1000	93		P
Vanadium	ug/L	90 - 111	147		22.5		150	83	N	P
Zinc	ug/L	87 - 115	120		45.6		100	74	N	P