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MATRIX SPIKE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>P4652</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>P4652</u> sas no.: <u>P4652</u>
matrix: <u>Water</u>	sample id: <u>P4661-03</u>	client id: <u>102324-AMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>P4661-03MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.36		0.17	J	4.0	80	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4652
contract: TETR06 **lab code:** CHEM **case no.:** P4652 **sas no.:** P4652
matrix: Water **sample id:** P4661-03 **client id:** 102324-AMSD
Percent Solids for Sample: NA **Spiked ID:** P4661-03MSD **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	3.26		0.17	J	4.0	77	N	CV

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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4652
contract: TETR06 **lab code:** CHEM **case no.:** P4652 **sas no.:** P4652
matrix: Water **sample id:** P4673-07 **client id:** OUTFALL-007MS
Percent Solids for Sample: NA **Spiked ID:** P4673-07MS **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	1650		519		1000	113		P
Antimony	ug/L	88 - 113	409		25.0	U	400	102		P
Arsenic	ug/L	87 - 113	413		10.0	U	400	103		P
Barium	ug/L	88 - 113	378		248		100	130	N	P
Beryllium	ug/L	89 - 112	106		3.00	U	100	106		P
Cadmium	ug/L	88 - 113	95.9		3.00	U	100	96		P
Calcium	ug/L	87 - 113	19900		18400		500	316		P
Chromium	ug/L	90 - 113	236		21.1		200	108		P
Cobalt	ug/L	89 - 114	100		15.0	U	100	100		P
Copper	ug/L	86 - 114	168		14.2		150	103		P
Iron	ug/L	87 - 115	2600		892		1500	114		P
Lead	ug/L	86 - 113	475		6.00	U	500	95		P
Magnesium	ug/L	85 - 113	1730		676	J	1000	106		P
Manganese	ug/L	90 - 114	137		26.8		100	110		P
Nickel	ug/L	88 - 113	250		2.30	J	250	99		P
Potassium	ug/L	86 - 114	8060		2620		5000	109		P
Selenium	ug/L	83 - 114	954		10.0	U	1000	95		P
Silver	ug/L	84 - 115	38.9		5.00	U	37.5	104		P
Sodium	ug/L	87 - 115	5890		3780		1500	141	N	P
Thallium	ug/L	85 - 114	947		20.0	U	1000	95		P
Vanadium	ug/L	90 - 111	167		20.0	U	150	111	N	P
Zinc	ug/L	87 - 115	411		286		100	126	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4652
contract: TETR06 **lab code:** CHEM **case no.:** P4652 **sas no.:** P4652
matrix: Water **sample id:** P4673-07 **client id:** OUTFALL-007MSD
Percent Solids for Sample: NA **Spiked ID:** P4673-07MSD **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	1640		519		1000	112		P
Antimony	ug/L	88 - 113	411		25.0	U	400	103		P
Arsenic	ug/L	87 - 113	414		10.0	U	400	104		P
Barium	ug/L	88 - 113	376		248		100	128	N	P
Beryllium	ug/L	89 - 112	105		3.00	U	100	105		P
Cadmium	ug/L	88 - 113	96.3		3.00	U	100	96		P
Calcium	ug/L	87 - 113	19800		18400		500	294		P
Chromium	ug/L	90 - 113	234		21.1		200	107		P
Cobalt	ug/L	89 - 114	101		15.0	U	100	101		P
Copper	ug/L	86 - 114	169		14.2		150	103		P
Iron	ug/L	87 - 115	2590		892		1500	113		P
Lead	ug/L	86 - 113	476		6.00	U	500	95		P
Magnesium	ug/L	85 - 113	1730		676	J	1000	105		P
Manganese	ug/L	90 - 114	136		26.8		100	109		P
Nickel	ug/L	88 - 113	251		2.30	J	250	100		P
Potassium	ug/L	86 - 114	8090		2620		5000	109		P
Selenium	ug/L	83 - 114	964		10.0	U	1000	96		P
Silver	ug/L	84 - 115	38.7		5.00	U	37.5	103		P
Sodium	ug/L	87 - 115	5950		3780		1500	145	N	P
Thallium	ug/L	85 - 114	978		20.0	U	1000	98		P
Vanadium	ug/L	90 - 111	166		20.0	U	150	111		P
Zinc	ug/L	87 - 115	412		286		100	126	N	P