

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tetra Tech, EMI level: low sdg no.: Q3291
contract: TETR16 lab code: ACE
matrix: Water sample id: Q3291-05 client id: MC0AX0MS
Percent Solids for Sample: NA Spiked ID: Q3291-05MS 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	75 - 125	3.84		0.20	U	4.0	96		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3291</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3291-05</u>	client id: <u>MC0AX0MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3291-05MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.29		0.20	U	4.0	82		CV

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MATRIX SPIKE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3291</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3291-07</u>	client id: <u>MC0AX2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3291-07MS</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
Aluminum	ug/L	75 - 125	8240		21.0		10000	82		P
Antimony	ug/L	75 - 125	493		3.45		500	98		P
Arsenic	ug/L	75 - 125	550	D	43.0	D	500	101		P
Barium	ug/L	75 - 125	2220		13.9		2500	88		P
Beryllium	ug/L	75 - 125	488		1.00	U	500	98		P
Cadmium	ug/L	75 - 125	483		1.00	U	500	97		P
Calcium	ug/L	75 - 125	128000		87500		50000	82		P
Chromium	ug/L	75 - 125	447		0.83	J	500	89		P
Cobalt	ug/L	75 - 125	466		0.51	J	500	93		P
Copper	ug/L	75 - 125	4350		2.49		5000	87		P
Iron	ug/L	75 - 125	22500		849		25000	86		P
Lead	ug/L	75 - 125	2450		0.43	J	2500	98		P
Magnesium	ug/L	75 - 125	64700		17400		50000	95		P
Manganese	ug/L	75 - 125	4590		270		5000	86		P
Nickel	ug/L	75 - 125	462		2.03		500	92		P
Potassium	ug/L	75 - 125	35400		15300		25000	80		P
Selenium	ug/L	75 - 125	488	D	25.0	UD	500	97		P
Silver	ug/L	75 - 125	78.9		1.00	U	500	16	N	P
Sodium	ug/L	75 - 125	347000		324000		50000	45		P
Thallium	ug/L	75 - 125	476		0.16	J	500	95		P
Vanadium	ug/L	75 - 125	475		2.49	J	500	94		P
Zinc	ug/L	75 - 125	4360		5.06		5000	87		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3291</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3291-07</u>	client id: <u>MC0AX2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3291-07MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	8080		21.0		10000	81		P
Antimony	ug/L	75 - 125	496		3.45		500	98		P
Arsenic	ug/L	75 - 125	531	D	43.0	D	500	98		P
Barium	ug/L	75 - 125	2200		13.9		2500	87		P
Beryllium	ug/L	75 - 125	482		1.00	U	500	96		P
Cadmium	ug/L	75 - 125	482		1.00	U	500	96		P
Calcium	ug/L	75 - 125	127000		87500		50000	80		P
Chromium	ug/L	75 - 125	447		0.83	J	500	89		P
Cobalt	ug/L	75 - 125	463		0.51	J	500	93		P
Copper	ug/L	75 - 125	4330		2.49		5000	87		P
Iron	ug/L	75 - 125	22100		849		25000	85		P
Lead	ug/L	75 - 125	2410		0.43	J	2500	96		P
Magnesium	ug/L	75 - 125	63700		17400		50000	93		P
Manganese	ug/L	75 - 125	4520		270		5000	85		P
Nickel	ug/L	75 - 125	461		2.03		500	92		P
Potassium	ug/L	75 - 125	35000		15300		25000	79		P
Selenium	ug/L	75 - 125	487	D	25.0	UD	500	97		P
Silver	ug/L	75 - 125	78.9		1.00	U	500	16	N	P
Sodium	ug/L	75 - 125	346000		324000		50000	43		P
Thallium	ug/L	75 - 125	480		0.16	J	500	96		P
Vanadium	ug/L	75 - 125	473		2.49	J	500	94		P
Zinc	ug/L	75 - 125	4230		5.06		5000	85		P