

metals
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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3172</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3168-05</u>	client id: <u>TOTES COMP#1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3168-05MS</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	1520		628		1000	89		P
Antimony	ug/L	75 - 125	385		25.0	U	400	96		P
Arsenic	ug/L	75 - 125	387		10.0	U	400	97		P
Barium	ug/L	75 - 125	108		15.5	J	100	92		P
Beryllium	ug/L	75 - 125	91.7		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	91.9		3.00	U	100	92		P
Calcium	ug/L	75 - 125	31900		27600		500	853		P
Chromium	ug/L	75 - 125	203		1.92	J	200	101		P
Cobalt	ug/L	75 - 125	94.3		15.0	U	100	94		P
Copper	ug/L	75 - 125	157		12.4		150	97		P
Iron	ug/L	75 - 125	3190		1670		1500	102		P
Lead	ug/L	75 - 125	466		12.9		500	91		P
Magnesium	ug/L	75 - 125	2020		1000		1000	102		P
Manganese	ug/L	75 - 125	143		46.1		100	97		P
Nickel	ug/L	75 - 125	236		1.67	J	250	94		P
Potassium	ug/L	75 - 125	7220		1940		5000	106		P
Selenium	ug/L	75 - 125	960		10.0	U	1000	96		P
Silver	ug/L	75 - 125	33.6		5.00	U	37.5	90		P
Sodium	ug/L	75 - 125	5960		3870		1500	139	N	P
Thallium	ug/L	75 - 125	988		20.0	U	1000	99		P
Vanadium	ug/L	75 - 125	144		20.0	U	150	96		P
Zinc	ug/L	75 - 125	503		355		100	148	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3172</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3168-05</u>	client id: <u>TOTES COMP#1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3168-05MSD</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
Aluminum	ug/L	75 - 125	1480		628		1000	85		P
Antimony	ug/L	75 - 125	395		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	377		10.0	U	400	94		P
Barium	ug/L	75 - 125	108		15.5	J	100	93		P
Beryllium	ug/L	75 - 125	89.8		3.00	U	100	90		P
Cadmium	ug/L	75 - 125	89.0		3.00	U	100	89		P
Calcium	ug/L	75 - 125	30300		27600		500	536		P
Chromium	ug/L	75 - 125	196		1.92	J	200	97		P
Cobalt	ug/L	75 - 125	91.5		15.0	U	100	92		P
Copper	ug/L	75 - 125	152		12.4		150	93		P
Iron	ug/L	75 - 125	3020		1670		1500	90		P
Lead	ug/L	75 - 125	451		12.9		500	88		P
Magnesium	ug/L	75 - 125	1970		1000		1000	97		P
Manganese	ug/L	75 - 125	141		46.1		100	95		P
Nickel	ug/L	75 - 125	228		1.67	J	250	91		P
Potassium	ug/L	75 - 125	6900		1940		5000	99		P
Selenium	ug/L	75 - 125	935		10.0	U	1000	94		P
Silver	ug/L	75 - 125	31.7		5.00	U	37.5	84		P
Sodium	ug/L	75 - 125	5840		3870		1500	131	N	P
Thallium	ug/L	75 - 125	970		20.0	U	1000	97		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	468		355		100	113		P

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172
contract: GENV01 **lab code:** ACE
matrix: Water **sample id:** Q3205-01 **client id:** TRE-25-0106MS
Percent Solids for Sample: NA **Spiked ID:** Q3205-01MS **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	3.87		0.085	J	4.0	95		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172
contract: GENV01 **lab code:** ACE
matrix: Water **sample id:** Q3205-01 **client id:** TRE-25-0106MSD
Percent Solids for Sample: NA **Spiked ID:** Q3205-01MSD **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	75 - 125	4.02		0.085	J	4.0	98		CV