

metals
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MATRIX SPIKE SUMMARY

client: First Environment, Inc. **level:** low **sdg no.:** Q2320
contract: FIRS02 **lab code:** CHEM **case no.:** Q2320 **sas no.:** Q2320
matrix: Water **sample id:** Q2325-04 **client id:** TP-8MS
Percent Solids for Sample: NA **Spiked ID:** Q2325-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4320		100	U	4000	108		P
Barium	ug/L	75 - 125	3990		2720		1000	127	N	P
Cadmium	ug/L	75 - 125	1080		30.0	U	1000	108		P
Chromium	ug/L	75 - 125	2170		50.0	U	2000	108		P
Lead	ug/L	75 - 125	5410		295		5000	102		P
Mercury	ug/L	75 - 125	40.8		1.70	J	40.0	98		CV
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	385		50.0	U	380	103		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: First Environment, Inc. **level:** low **sdg no.:** Q2320
contract: FIRS02 **lab code:** CHEM **case no.:** Q2320 **sas no.:** Q2320
matrix: Water **sample id:** Q2325-04 **client id:** TP-8MSD
Percent Solids for Sample: NA **Spiked ID:** Q2325-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3990		100	U	4000	100		P
Barium	ug/L	75 - 125	3260		2720		1000	54	N	P
Cadmium	ug/L	75 - 125	1010		30.0	U	1000	101		P
Chromium	ug/L	75 - 125	2030		50.0	U	2000	102		P
Lead	ug/L	75 - 125	5010		295		5000	94		P
Mercury	ug/L	75 - 125	39.8		1.70	J	40.0	95		CV
Selenium	ug/L	75 - 125	9800		100	U	10000	98		P
Silver	ug/L	75 - 125	359		50.0	U	380	96		P