

metals
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MATRIX SPIKE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q1478
contract: JACO05 **lab code:** CHEM **case no.:** Q1478 **sas no.:** Q1478
matrix: Water **sample id:** Q1489-16 **client id:** TP-4MS
Percent Solids for Sample: NA **Spiked ID:** Q1489-16MS **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	4420		100	U	4000	110		P
Barium	ug/L	75 - 125	4720		3490		1000	123		P
Cadmium	ug/L	75 - 125	1010		30.0	U	1000	101		P
Chromium	ug/L	75 - 125	2120		50.0	U	2000	106		P
Lead	ug/L	75 - 125	4990		60.2		5000	99		P
Mercury	ug/L	75 - 125	41.0		2.00	U	40.0	102		CV
Selenium	ug/L	75 - 125	10600		100	U	10000	106		P
Silver	ug/L	75 - 125	395		50.0	U	380	104		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q1478
contract: JACO05 **lab code:** CHEM **case no.:** Q1478 **sas no.:** Q1478
matrix: Water **sample id:** Q1489-16 **client id:** TP-4MSD
Percent Solids for Sample: NA **Spiked ID:** Q1489-16MSD **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	4340		100	U	4000	108		P
Barium	ug/L	75 - 125	4790		3490		1000	130	N	P
Cadmium	ug/L	75 - 125	1020		30.0	U	1000	102		P
Chromium	ug/L	75 - 125	2130		50.0	U	2000	106		P
Lead	ug/L	75 - 125	5010		60.2		5000	99		P
Mercury	ug/L	75 - 125	38.1		2.00	U	40.0	95		CV
Selenium	ug/L	75 - 125	10300		100	U	10000	103		P
Silver	ug/L	75 - 125	390		50.0	U	380	103		P