

metals
- 5a -
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:** Q1478-01 **client id:** IDW-AQ-MW-19B-COMP-022825MS
Percent Solids for Sample: NA **Spiked ID:** Q1478-01MS **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	3.54		0.20	U	4.0	88		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>JACOBS Engineering Group, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q1478</u>		
contract:	<u>JACO05</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1478</u>	sas no.:	<u>Q1478</u>
matrix:	<u>Water</u>	sample id:	<u>Q1478-01</u>	client id:	<u>IDW-AQ-MW-19B-COMP-022825MSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1478-01MSD</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	3.47		0.20	U	4.0	87		CV

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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:** Q1478-07 **client id:** IDW-AQ-IW-03-COMP-022825MS
Percent Solids for Sample: NA **Spiked ID:** Q1478-07MS **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	87 - 113	415		10.0	U	400	104		P
Barium	ug/L	88 - 113	202		112		100	91		P
Cadmium	ug/L	88 - 113	94.5		3.00	U	100	94		P
Chromium	ug/L	90 - 113	225		14.9		200	105		P
Lead	ug/L	86 - 113	461		6.00	U	500	92		P
Selenium	ug/L	83 - 114	949		10.0	U	1000	95		P
Silver	ug/L	84 - 115	13.3		5.00	U	37.5	36	N	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:** Q1478-07 **client id:** IDW-AQ-IW-03-COMP-022825MSD
Percent Solids for Sample: NA **Spiked ID:** Q1478-07MSD **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	87 - 113	422		10.0	U	400	106		P
Barium	ug/L	88 - 113	194		112		100	82	N	P
Cadmium	ug/L	88 - 113	96.0		3.00	U	100	96		P
Chromium	ug/L	90 - 113	229		14.9		200	107		P
Lead	ug/L	86 - 113	467		6.00	U	500	93		P
Selenium	ug/L	83 - 114	968		10.0	U	1000	97		P
Silver	ug/L	84 - 115	13.1		5.00	U	37.5	35	N	P