

metals
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MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1913-02 **client id:** WC-12-A-202504MS
Percent Solids for Sample: NA **Spiked ID:** Q1913-02MS **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	4220		100	U	4000	106		P
Barium	ug/L	75 - 125	1020		500	U	1000	102		P
Cadmium	ug/L	75 - 125	943		30.0	U	1000	94		P
Chromium	ug/L	75 - 125	2180		122		2000	103		P
Lead	ug/L	75 - 125	4570		60.0	U	5000	91		P
Mercury	ug/L	75 - 125	31.2		2.00	U	40.0	78		CV
Selenium	ug/L	75 - 125	10100		100	U	10000	101		P
Silver	ug/L	75 - 125	385		50.0	U	380	101		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1913-02 **client id:** WC-12-A-202504MSD
Percent Solids for Sample: NA **Spiked ID:** Q1913-02MSD **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	4060		100	U	4000	102		P
Barium	ug/L	75 - 125	965		500	U	1000	96		P
Cadmium	ug/L	75 - 125	908		30.0	U	1000	91		P
Chromium	ug/L	75 - 125	2100		122		2000	99		P
Lead	ug/L	75 - 125	4400		60.0	U	5000	88		P
Mercury	ug/L	75 - 125	31.3		2.00	U	40.0	78		CV
Selenium	ug/L	75 - 125	9630		100	U	10000	96		P
Silver	ug/L	75 - 125	366		50.0	U	380	96		P

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MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1913-03 **client id:** WC-13-S-202504MS
Percent Solids for Sample: NA **Spiked ID:** Q1913-03MS **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	3430		100	U	4000	86		P
Barium	ug/L	75 - 125	1920		1170		1000	75		P
Cadmium	ug/L	75 - 125	864		30.0	U	1000	86		P
Chromium	ug/L	75 - 125	1740		50.0	U	2000	87		P
Lead	ug/L	75 - 125	4170		60.0	U	5000	83		P
Selenium	ug/L	75 - 125	8390		100	U	10000	84		P
Silver	ug/L	75 - 125	321		50.0	U	380	84		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1913-03 **client id:** WC-13-S-202504MSD
Percent Solids for Sample: NA **Spiked ID:** Q1913-03MSD **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	3610		100	U	4000	90		P
Barium	ug/L	75 - 125	2110		1170		1000	94		P
Cadmium	ug/L	75 - 125	907		30.0	U	1000	91		P
Chromium	ug/L	75 - 125	1780		50.0	U	2000	89		P
Lead	ug/L	75 - 125	4360		60.0	U	5000	87		P
Selenium	ug/L	75 - 125	8850		100	U	10000	88		P
Silver	ug/L	75 - 125	332		50.0	U	380	87		P

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MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1935-08 **client id:** MH-MMMS
Percent Solids for Sample: NA **Spiked ID:** Q1935-08MS **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	44.8		2.00	U	40.0	112		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** Q1913
contract: AECO02 **lab code:** CHEM **case no.:** Q1913 **sas no.:** Q1913
matrix: Water **sample id:** Q1935-08 **client id:** MH-MMMSD
Percent Solids for Sample: NA **Spiked ID:** Q1935-08MSD **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	32.1		2.00	U	40.0	80		CV