

metals
- 5a -
MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4921-01 **client id:** WC-11-A-202411MS
Percent Solids for Sample: NA **Spiked ID:** P4921-01MS **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	37.7		2.00	U	40.0	94		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4921-01 **client id:** WC-11-A-202411MSD
Percent Solids for Sample: NA **Spiked ID:** P4921-01MSD **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	38.9		2.00	U	40.0	97		CV

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MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4929-02 **client id:** ARS520MS
Percent Solids for Sample: NA **Spiked ID:** P4929-02MS **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	3870		100	U	4000	97		P
Barium	ug/L	75 - 125	1740		827		1000	91		P
Cadmium	ug/L	75 - 125	918		5.50	J	1000	91		P
Chromium	ug/L	75 - 125	1940		10.8	J	2000	97		P
Lead	ug/L	75 - 125	4460		52.7	J	5000	88		P
Selenium	ug/L	75 - 125	9560		100	U	10000	96		P
Silver	ug/L	75 - 125	353		50.0	U	380	93		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** P4921
contract: AECO02 **lab code:** CHEM **case no.:** P4921 **sas no.:** P4921
matrix: Water **sample id:** P4929-02 **client id:** ARS520MSD
Percent Solids for Sample: NA **Spiked ID:** P4929-02MSD **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	4080		100	U	4000	102		P
Barium	ug/L	75 - 125	1850		827		1000	103		P
Cadmium	ug/L	75 - 125	972		5.50	J	1000	97		P
Chromium	ug/L	75 - 125	2050		10.8	J	2000	102		P
Lead	ug/L	75 - 125	4710		52.7	J	5000	93		P
Selenium	ug/L	75 - 125	10000		100	U	10000	100		P
Silver	ug/L	75 - 125	375		50.0	U	380	99		P