

metals
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MATRIX SPIKE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** Q1381
contract: RSBE01 **lab code:** CHEM **case no.:** Q1381 **sas no.:** Q1381
matrix: Water **sample id:** Q1381-02 **client id:** OUTFALL-002MS
Percent Solids for Sample: NA **Spiked ID:** Q1381-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	10300		8150		1000	216		P
Arsenic	ug/L	75 - 125	420		3.52	J	400	104		P
Barium	ug/L	75 - 125	278		170		100	107		P
Cadmium	ug/L	75 - 125	96.4		0.25	J	100	96		P
Chromium	ug/L	75 - 125	237		36.5		200	100		P
Copper	ug/L	75 - 125	215		59.7		150	103		P
Iron	ug/L	75 - 125	7520		5650		1500	124		P
Lead	ug/L	75 - 125	506		32.2		500	95		P
Manganese	ug/L	75 - 125	252		152		100	100		P
Nickel	ug/L	75 - 125	261		16.4	J	250	98		P
Selenium	ug/L	75 - 125	974		10.0	U	1000	97		P
Silver	ug/L	75 - 125	38.2		5.00	U	37.5	102		P
Zinc	ug/L	75 - 125	444		324		100	120		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** Q1381
contract: RSBE01 **lab code:** CHEM **case no.:** Q1381 **sas no.:** Q1381
matrix: Water **sample id:** Q1381-02 **client id:** OUTFALL-002MSD
Percent Solids for Sample: NA **Spiked ID:** Q1381-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	10400		8150		1000	221		P
Arsenic	ug/L	75 - 125	419		3.52	J	400	104		P
Barium	ug/L	75 - 125	274		170		100	104		P
Cadmium	ug/L	75 - 125	96.0		0.25	J	100	96		P
Chromium	ug/L	75 - 125	234		36.5		200	99		P
Copper	ug/L	75 - 125	216		59.7		150	104		P
Iron	ug/L	75 - 125	5810		5650		1500	11	N	P
Lead	ug/L	75 - 125	503		32.2		500	94		P
Manganese	ug/L	75 - 125	252		152		100	99		P
Nickel	ug/L	75 - 125	260		16.4	J	250	97		P
Selenium	ug/L	75 - 125	973		10.0	U	1000	97		P
Silver	ug/L	75 - 125	37.7		5.00	U	37.5	100		P
Zinc	ug/L	75 - 125	442		324		100	118		P

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MATRIX SPIKE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** Q1381
contract: RSBE01 **lab code:** CHEM **case no.:** Q1381 **sas no.:** Q1381
matrix: Water **sample id:** Q1393-05 **client id:** PURGE-WATER-COMPMS
Percent Solids for Sample: NA **Spiked ID:** Q1393-05MS **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	3.72		0.20	U	4.0	93		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** Q1381
contract: RSBE01 **lab code:** CHEM **case no.:** Q1381 **sas no.:** Q1381
matrix: Water **sample id:** Q1393-05 **client id:** PURGE-WATER-COMPMSD
Percent Solids for Sample: NA **Spiked ID:** Q1393-05MSD **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	3.77		0.20	U	4.0	94		CV