

metals
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MATRIX SPIKE SUMMARY

client: Spectra East Inc. **level:** low **sdg no.:** Q1322
contract: SPEC01 **lab code:** CHEM **case no.:** Q1322 **sas no.:** Q1322
matrix: Water **sample id:** Q1322-01 **client id:** MANHOLEMS
Percent Solids for Sample: NA **Spiked ID:** Q1322-01MS **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	390		10.0	U	400	98		P
Beryllium	ug/L	75 - 125	88.1		3.00	U	100	88		P
Cadmium	ug/L	75 - 125	92.8		3.00	U	100	93		P
Chromium	ug/L	75 - 125	187		5.00	U	200	94		P
Copper	ug/L	75 - 125	192		56.3		150	91		P
Lead	ug/L	75 - 125	462		6.00	U	500	92		P
Mercury	ug/L	75 - 125	3.55		0.20	U	4.0	89		CV
Nickel	ug/L	75 - 125	236		20.0	U	250	94		P
Selenium	ug/L	75 - 125	917		10.0	U	1000	92		P
Silver	ug/L	75 - 125	35.0		5.00	U	37.5	93		P
Zinc	ug/L	75 - 125	223		140		100	83		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Spectra East Inc. **level:** low **sdg no.:** Q1322
contract: SPEC01 **lab code:** CHEM **case no.:** Q1322 **sas no.:** Q1322
matrix: Water **sample id:** Q1322-01 **client id:** MANHOLEMSD
Percent Solids for Sample: NA **Spiked ID:** Q1322-01MSD **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	395		10.0	U	400	99		P
Beryllium	ug/L	75 - 125	88.5		3.00	U	100	88		P
Cadmium	ug/L	75 - 125	93.1		3.00	U	100	93		P
Chromium	ug/L	75 - 125	190		5.00	U	200	95		P
Copper	ug/L	75 - 125	194		56.3		150	92		P
Lead	ug/L	75 - 125	463		6.00	U	500	93		P
Mercury	ug/L	75 - 125	3.79		0.20	U	4.0	95		CV
Nickel	ug/L	75 - 125	236		20.0	U	250	94		P
Selenium	ug/L	75 - 125	936		10.0	U	1000	94		P
Silver	ug/L	75 - 125	35.9		5.00	U	37.5	96		P
Zinc	ug/L	75 - 125	230		140		100	90		P