

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Spectra East Inc. **level:** low **sdg no.:** Q3551
contract: SPEC01 **lab code:** ACE
matrix: Water **sample id:** Q3547-02 **client id:** CompMS

Percent Solids for Sample: NA **Spiked ID:** Q3547-02MS **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	385		10.0	U	400	96		P
Beryllium	ug/L	75 - 125	95.6		3.00	U	100	96		P
Cadmium	ug/L	75 - 125	99.1		1.62	J	100	97		P
Chromium	ug/L	75 - 125	219		18.3		200	100		P
Copper	ug/L	75 - 125	264		121		150	95		P
Lead	ug/L	75 - 125	487		20.0		500	93		P
Nickel	ug/L	75 - 125	269		20.5		250	99		P
Selenium	ug/L	75 - 125	932		10.0	U	1000	93		P
Silver	ug/L	75 - 125	26.8		2.33	J	37.5	65	N	P
Zinc	ug/L	75 - 125	628		524		100	104		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Spectra East Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3551</u>
contract: <u>SPEC01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3547-02</u>	client id: <u>CompMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3547-02MSD</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
Arsenic	ug/L	75 - 125	403		10.0	U	400	101		P
Beryllium	ug/L	75 - 125	98.9		3.00	U	100	99		P
Cadmium	ug/L	75 - 125	104		1.62	J	100	102		P
Chromium	ug/L	75 - 125	227		18.3		200	104		P
Copper	ug/L	75 - 125	272		121		150	101		P
Lead	ug/L	75 - 125	513		20.0		500	99		P
Nickel	ug/L	75 - 125	281		20.5		250	104		P
Selenium	ug/L	75 - 125	977		10.0	U	1000	98		P
Silver	ug/L	75 - 125	26.8		2.33	J	37.5	65	N	P
Zinc	ug/L	75 - 125	632		524		100	108		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Spectra East Inc. **level:** low **sdg no.:** Q3551
contract: SPEC01 **lab code:** ACE
matrix: Water **sample id:** Q3551-01 **client id:** MANHOLEMS
Percent Solids for Sample: NA **Spiked ID:** Q3551-01MS **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	3.56		0.20	U	4.0	89		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Spectra East Inc. **level:** low **sdg no.:** Q3551
contract: SPEC01 **lab code:** ACE
matrix: Water **sample id:** Q3551-01 **client id:** MANHOLEMSD
Percent Solids for Sample: NA **Spiked ID:** Q3551-01MSD **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	4.15		0.20	U	4.0	104		CV