

metals
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MATRIX SPIKE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q3642
contract: F&GE01 **lab code:** ACE
matrix: Water **sample id:** Q3642-01 **client id:** EFFLUENT-DAY-1-METALSMS
Percent Solids for Sample: NA **Spiked ID:** Q3642-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	86.2		3.00	U	100	86		P
Chromium	ug/L	75 - 125	179		26.5		200	76		P
Copper	ug/L	75 - 125	594		557		150	25	N	P
Lead	ug/L	75 - 125	423		9.49		500	83		P
Mercury	ug/L	75 - 125	3.44		0.26		4.0	79		CV
Molybdenum	ug/L	75 - 125	181		100	U	200	90		P
Nickel	ug/L	75 - 125	243		52.9		250	76		P
Silver	ug/L	75 - 125	77.7		51.3		37.5	70	N	P
Zinc	ug/L	75 - 125	379		331		100	48	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q3642
contract: F&GE01 **lab code:** ACE
matrix: Water **sample id:** Q3642-01 **client id:** EFFLUENT-DAY-1-METALSMSD
Percent Solids for Sample: NA **Spiked ID:** Q3642-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	85.8		3.00	U	100	86		P
Chromium	ug/L	75 - 125	179		26.5		200	76		P
Copper	ug/L	75 - 125	589		557		150	21	N	P
Lead	ug/L	75 - 125	421		9.49		500	82		P
Mercury	ug/L	75 - 125	3.42		0.26		4.0	79		CV
Molybdenum	ug/L	75 - 125	179		100	U	200	90		P
Nickel	ug/L	75 - 125	240		52.9		250	75		P
Silver	ug/L	75 - 125	77.8		51.3		37.5	71	N	P
Zinc	ug/L	75 - 125	378		331		100	47	N	P