

metals
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MATRIX SPIKE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2646
contract: ENVI60 **lab code:** ACE
matrix: Water **sample id:** Q2640-01 **client id:** ELMORA-WATERMS
Percent Solids for Sample: NA **Spiked ID:** Q2640-01MS **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	2.62		0.20	U	4.0	66	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Environmental Restoration, LLC</u>	level: <u>low</u>	sdg no.: <u>Q2646</u>
contract: <u>ENVI60</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2640-01</u>	client id: <u>ELMORA-WATERMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2640-01MSD</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
Mercury	ug/L	75 - 125	2.41		0.20	U	4.0	60	N	CV

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MATRIX SPIKE SUMMARY

client: <u>Environmental Restoration, LLC</u>	level: <u>low</u>	sdg no.: <u>Q2646</u>
contract: <u>ENVI60</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2644-02</u>	client id: <u>RW8-SP303-20250717MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2644-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1010		25.3	J	1000	99		P
Antimony	ug/L	88 - 113	394		25.0	U	400	98		P
Arsenic	ug/L	87 - 113	371		10.0	U	400	93		P
Barium	ug/L	88 - 113	103		50.0	U	100	103		P
Beryllium	ug/L	89 - 112	95.5		3.00	U	100	96		P
Cadmium	ug/L	88 - 113	89.7		3.00	U	100	90		P
Calcium	ug/L	87 - 113	2760		2250		500	102		P
Chromium	ug/L	90 - 113	194		5.00	U	200	97		P
Cobalt	ug/L	89 - 114	98.9		3.54	J	100	95		P
Copper	ug/L	86 - 114	151		2.60	J	150	99		P
Iron	ug/L	87 - 115	1530		54.6		1500	98		P
Lead	ug/L	86 - 113	447		6.00	U	500	89		P
Magnesium	ug/L	85 - 113	1840		874	J	1000	97		P
Manganese	ug/L	90 - 114	113		9.95	J	100	103		P
Nickel	ug/L	88 - 113	245		4.63	J	250	96		P
Potassium	ug/L	86 - 114	5130		1000	U	5000	103		P
Selenium	ug/L	83 - 114	909		10.0	U	1000	91		P
Silver	ug/L	84 - 115	36.0		5.00	U	37.5	96		P
Sodium	ug/L	87 - 115	8460		6990		1500	98		P
Thallium	ug/L	85 - 114	851		20.0	U	1000	85		P
Vanadium	ug/L	90 - 111	149		20.0	U	150	99		P
Zinc	ug/L	87 - 115	121		19.4	J	100	102		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2646
contract: ENVI60 **lab code:** ACE
matrix: Water **sample id:** Q2644-02 **client id:** RW8-SP303-20250717MSD
Percent Solids for Sample: NA **Spiked ID:** Q2644-02MSD **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	86 - 115	1060		25.3	J	1000	103		P
Antimony	ug/L	88 - 113	413		25.0	U	400	103		P
Arsenic	ug/L	87 - 113	390		10.0	U	400	98		P
Barium	ug/L	88 - 113	107		50.0	U	100	107		P
Beryllium	ug/L	89 - 112	99.6		3.00	U	100	100		P
Cadmium	ug/L	88 - 113	94.1		3.00	U	100	94		P
Calcium	ug/L	87 - 113	2890		2250		500	128		P
Chromium	ug/L	90 - 113	204		5.00	U	200	102		P
Cobalt	ug/L	89 - 114	104		3.54	J	100	100		P
Copper	ug/L	86 - 114	158		2.60	J	150	104		P
Iron	ug/L	87 - 115	1600		54.6		1500	103		P
Lead	ug/L	86 - 113	469		6.00	U	500	94		P
Magnesium	ug/L	85 - 113	1920		874	J	1000	105		P
Manganese	ug/L	90 - 114	118		9.95	J	100	108		P
Nickel	ug/L	88 - 113	256		4.63	J	250	101		P
Potassium	ug/L	86 - 114	5380		1000	U	5000	108		P
Selenium	ug/L	83 - 114	964		10.0	U	1000	96		P
Silver	ug/L	84 - 115	37.3		5.00	U	37.5	100		P
Sodium	ug/L	87 - 115	9020		6990		1500	136		P
Thallium	ug/L	85 - 114	974		20.0	U	1000	97		P
Vanadium	ug/L	90 - 111	156		20.0	U	150	104		P
Zinc	ug/L	87 - 115	128		19.4	J	100	108		P