

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ENVOCARE Environmental Facility Mana **level:** low **sdg no.:** Q2515
contract: ENVO01 **lab code:** ACE
matrix: Solid **sample id:** Q2491-01 **client id:** EO-1-070225MS
Percent Solids for Sample: 92.4 **Spiked ID:** Q2491-01MS **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.033		0.28	109		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>ENVOCARE Environmental Facility Mana</u>	level:	<u>low</u>	sdg no.:	<u>Q2515</u>
contract:	<u>ENVO01</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2491-01</u>	client id:	<u>EO-1-070225MSD</u>

Percent Solids for Sample:	92.4	Spiked ID:	Q2491-01MSD	Percent Solids for Spike Sample:	92.4
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Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.033		0.28	103		CV

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MATRIX SPIKE SUMMARY

client: ENVOCARE Environmental Facility Mana **level:** low **sdg no.:** Q2515
contract: ENVO01 **lab code:** ACE
matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MS

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MS **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		100	856		P
Antimony	mg/Kg	75 - 125	11.3		1.79	J	41.2	23	N	P
Arsenic	mg/Kg	75 - 125	39.8		1.42		41.2	93		P
Barium	mg/Kg	75 - 125	62.0		46.6		10.3	150		P
Beryllium	mg/Kg	75 - 125	8.21		0.55		10.3	74	N	P
Cadmium	mg/Kg	75 - 125	10.2		0.30	U	10.3	99		P
Calcium	mg/Kg	75 - 125	1950		2090		51.5	-272		P
Chromium	mg/Kg	75 - 125	42.9		27.0		20.6	77		P
Cobalt	mg/Kg	75 - 125	26.6		20.1		10.3	63	N	P
Copper	mg/Kg	75 - 125	28.0		19.4		15.4	56	N	P
Iron	mg/Kg	75 - 125	15800		18900		150	-1957		P
Lead	mg/Kg	75 - 125	57.2		7.18		51.5	97		P
Magnesium	mg/Kg	75 - 125	3230		3810		100	-560		P
Manganese	mg/Kg	75 - 125	812		693		10.3	1156		P
Nickel	mg/Kg	75 - 125	43.1		21.0		25.7	86		P
Potassium	mg/Kg	75 - 125	657		245		510	80		P
Selenium	mg/Kg	75 - 125	73.3		4.97		100	66	N	P
Silver	mg/Kg	75 - 125	2.39		0.50	U	3.9	62	N	P
Sodium	mg/Kg	75 - 125	266		203		150	41	N	P
Thallium	mg/Kg	75 - 125	94.8		2.01	U	100	92		P
Vanadium	mg/Kg	75 - 125	51.6		57.6		15.4	-39	N	P
Zinc	mg/Kg	75 - 125	40.8		31.9		10.3	87		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: ENVOCARE Environmental Facility Mana **level:** low **sdg no.:** Q2515
contract: ENVO01 **lab code:** ACE
matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MSD

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MSD **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		110	818		P
Antimony	mg/Kg	75 - 125	12.9		1.79	J	42.5	26	N	P
Arsenic	mg/Kg	75 - 125	42.5		1.42		42.5	97		P
Barium	mg/Kg	75 - 125	51.3		46.6		10.6	44		P
Beryllium	mg/Kg	75 - 125	8.67		0.55		10.6	76		P
Cadmium	mg/Kg	75 - 125	10.5		0.30	U	10.6	99		P
Calcium	mg/Kg	75 - 125	1920		2090		53.2	-316		P
Chromium	mg/Kg	75 - 125	44.6		27.0		21.3	83		P
Cobalt	mg/Kg	75 - 125	27.6		20.1		10.6	70	N	P
Copper	mg/Kg	75 - 125	30.3		19.4		15.9	68	N	P
Iron	mg/Kg	75 - 125	18900		18900		160	53		P
Lead	mg/Kg	75 - 125	60.7		7.18		53.2	101		P
Magnesium	mg/Kg	75 - 125	3380		3810		110	-398		P
Manganese	mg/Kg	75 - 125	533		693		10.6	-1507		P
Nickel	mg/Kg	75 - 125	44.5		21.0		26.6	89		P
Potassium	mg/Kg	75 - 125	674		245		530	81		P
Selenium	mg/Kg	75 - 125	76.8		4.97		110	68	N	P
Silver	mg/Kg	75 - 125	1.99		0.50	U	4.0	50	N	P
Sodium	mg/Kg	75 - 125	295		203		160	58	N	P
Thallium	mg/Kg	75 - 125	97.4		2.01	U	110	92		P
Vanadium	mg/Kg	75 - 125	67.0		57.6		15.9	59	N	P
Zinc	mg/Kg	75 - 125	42.1		31.9		10.6	96		P