

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q2487
contract: WALS01 **lab code:** ACE
matrix: Solid **sample id:** Q2487-16 **client id:** G1(6-12)MS
Percent Solids for Sample: 93.3 **Spiked ID:** Q2487-16MS **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.49		0.23		0.26	98		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Walsh Construction Company II, LLC</u>	level:	<u>low</u>	sdg no.:	<u>Q2487</u>
contract:	<u>WALS01</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2487-16</u>	client id:	<u>G1(6-12)MSD</u>
Percent Solids for Sample:	93.3	Spiked ID:	Q2487-16MSD	Percent Solids for Spike Sample:	93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.48		0.23		0.26	96		CV

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MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** Q2487
contract: WALS01 **lab code:** ACE
matrix: Solid **sample id:** Q2493-01 **client id:** WC-11MS

Percent Solids for Sample: 88.7 **Spiked ID:** Q2493-01MS **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10100		9960		100	92		P
Antimony	mg/Kg	75 - 125	14.9		0.67	J	40.8	35	N	P
Arsenic	mg/Kg	75 - 125	38.5		3.58		40.8	86		P
Barium	mg/Kg	75 - 125	74.2		64.5		10.2	95		P
Beryllium	mg/Kg	75 - 125	9.04		0.74		10.2	81		P
Cadmium	mg/Kg	75 - 125	10.7		0.46		10.2	101		P
Calcium	mg/Kg	75 - 125	2190		2150		51.0	80		P
Chromium	mg/Kg	75 - 125	31.4		14.8		20.4	81		P
Cobalt	mg/Kg	75 - 125	21.7		11.9		10.2	96		P
Copper	mg/Kg	75 - 125	25.2		12.0		15.3	86		P
Iron	mg/Kg	75 - 125	23000		26700		150	-2483		P
Lead	mg/Kg	75 - 125	70.1		22.2		51.0	94		P
Magnesium	mg/Kg	75 - 125	4560		4550		100	16		P
Manganese	mg/Kg	75 - 125	378		404		10.2	-249		P
Nickel	mg/Kg	75 - 125	50.4		25.4		25.5	98		P
Potassium	mg/Kg	75 - 125	1900		1510		510	76		P
Selenium	mg/Kg	75 - 125	75.4		1.75		100	74	N	P
Silver	mg/Kg	75 - 125	2.43		0.50	U	3.8	64	N	P
Sodium	mg/Kg	75 - 125	780		642		150	92		P
Thallium	mg/Kg	75 - 125	94.3		2.01	U	100	94		P
Vanadium	mg/Kg	75 - 125	37.9		26.7		15.3	73	N	P
Zinc	mg/Kg	75 - 125	66.4		60.0		10.2	62		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Walsh Construction Company II, LLC</u>	level: <u>low</u>	sdg no.: <u>Q2487</u>
contract: <u>WALS01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q2493-01</u>	client id: <u>WC-11MSD</u>
Percent Solids for Sample: 88.7	Spiked ID: Q2493-01MSD	Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9890		9960		100	-76		P
Antimony	mg/Kg	75 - 125	14.9		0.67	J	41.6	34	N	P
Arsenic	mg/Kg	75 - 125	37.2		3.58		41.6	81		P
Barium	mg/Kg	75 - 125	70.7		64.5		10.4	59		P
Beryllium	mg/Kg	75 - 125	8.71		0.74		10.4	77		P
Cadmium	mg/Kg	75 - 125	10.2		0.46		10.4	94		P
Calcium	mg/Kg	75 - 125	2140		2150		52.0	-15		P
Chromium	mg/Kg	75 - 125	30.8		14.8		20.8	77		P
Cobalt	mg/Kg	75 - 125	21.0		11.9		10.4	88		P
Copper	mg/Kg	75 - 125	24.0		12.0		15.6	77		P
Iron	mg/Kg	75 - 125	22900		26700		160	-2400		P
Lead	mg/Kg	75 - 125	66.7		22.2		52.0	85		P
Magnesium	mg/Kg	75 - 125	4510		4550		100	-33		P
Manganese	mg/Kg	75 - 125	370		404		10.4	-330		P
Nickel	mg/Kg	75 - 125	48.9		25.4		26.0	90		P
Potassium	mg/Kg	75 - 125	1880		1510		520	70	N	P
Selenium	mg/Kg	75 - 125	74.2		1.75		100	72	N	P
Silver	mg/Kg	75 - 125	2.26		0.50	U	3.9	58	N	P
Sodium	mg/Kg	75 - 125	759		642		160	73		P
Thallium	mg/Kg	75 - 125	93.6		2.01	U	100	94		P
Vanadium	mg/Kg	75 - 125	36.7		26.7		15.6	64	N	P
Zinc	mg/Kg	75 - 125	65.3		60.0		10.4	51		P