

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** P4722
contract: WALS01 **lab code:** CHEM **case no.:** P4722 **sas no.:** P4722
matrix: Solid **sample id:** P4706-01 **client id:** TR-04-110424MS
Percent Solids for Sample: 93.5 **Spiked ID:** P4706-01MS **Percent Solids for Spike Sample:** 93.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.060		0.27	99		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Walsh Construction Company II, LLC</u>	level:	<u>low</u>	sdg no.:	<u>P4722</u>		
contract:	<u>WALS01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4722</u>	sas no.:	<u>P4722</u>
matrix:	<u>Solid</u>	sample id:	<u>P4706-01</u>	client id:	<u>TR-04-110424MSD</u>		
Percent Solids for Sample:	93.5	Spiked ID:	<u>P4706-01MSD</u>	Percent Solids for Spike Sample:	93.5		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.060		0.28	95		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** P4722
contract: WALS01 **lab code:** CHEM **case no.:** P4722 **sas no.:** P4722
matrix: Solid **sample id:** P4720-01 **client id:** JC-701-COMP-01MS
Percent Solids for Sample: 90.6 **Spiked ID:** P4720-01MS **Percent Solids for Spike Sample:** 90.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8270		8600		97.2	-335		P
Antimony	mg/Kg	75 - 125	30.4		0.32	J	38.9	77		P
Arsenic	mg/Kg	75 - 125	34.5		4.31		38.9	78		P
Barium	mg/Kg	75 - 125	162		158		9.7	45		P
Beryllium	mg/Kg	75 - 125	7.23		0.67		9.7	68	N	P
Cadmium	mg/Kg	75 - 125	11.5		2.44		9.7	93		P
Calcium	mg/Kg	75 - 125	2660		2790		48.6	-257		P
Chromium	mg/Kg	75 - 125	25.5		12.2		19.4	68	N	P
Cobalt	mg/Kg	75 - 125	16.7		7.68		9.7	93		P
Copper	mg/Kg	75 - 125	32.5		22.0		14.6	72	N	P
Iron	mg/Kg	75 - 125	12900		13000		150	-50		P
Lead	mg/Kg	75 - 125	233		193		48.6	84		P
Magnesium	mg/Kg	75 - 125	2230		2370		97.2	-139		P
Manganese	mg/Kg	75 - 125	423		420		9.7	33		P
Nickel	mg/Kg	75 - 125	35.8		13.3		24.3	92		P
Potassium	mg/Kg	75 - 125	1400		1180		490	46	N	P
Selenium	mg/Kg	75 - 125	71.4		1.04	U	97.2	74	N	P
Silver	mg/Kg	75 - 125	3.21		0.46	J	3.6	76		P
Sodium	mg/Kg	75 - 125	121		104	U	150	81		P
Thallium	mg/Kg	75 - 125	92.6		2.07	U	97.2	95		P
Vanadium	mg/Kg	75 - 125	26.7		17.3		14.6	64	N	P
Zinc	mg/Kg	75 - 125	233		188		9.7	463		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Walsh Construction Company II, LLC **level:** low **sdg no.:** P4722
contract: WALS01 **lab code:** CHEM **case no.:** P4722 **sas no.:** P4722
matrix: Solid **sample id:** P4720-01 **client id:** JC-701-COMP-01MSD
Percent Solids for Sample: 90.6 **Spiked ID:** P4720-01MSD **Percent Solids for Spike Sample:** 90.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8640		8600		100	38		P
Antimony	mg/Kg	75 - 125	31.0		0.32	J	40.3	76		P
Arsenic	mg/Kg	75 - 125	35.3		4.31		40.3	77		P
Barium	mg/Kg	75 - 125	168		158		10.1	105		P
Beryllium	mg/Kg	75 - 125	7.34		0.67		10.1	66	N	P
Cadmium	mg/Kg	75 - 125	11.8		2.44		10.1	92		P
Calcium	mg/Kg	75 - 125	2740		2790		50.4	-98		P
Chromium	mg/Kg	75 - 125	26.1		12.2		20.2	69	N	P
Cobalt	mg/Kg	75 - 125	17.1		7.68		10.1	93		P
Copper	mg/Kg	75 - 125	33.9		22.0		15.1	79		P
Iron	mg/Kg	75 - 125	13100		13000		150	42		P
Lead	mg/Kg	75 - 125	241		193		50.4	95		P
Magnesium	mg/Kg	75 - 125	2310		2370		100	-57		P
Manganese	mg/Kg	75 - 125	434		420		10.1	139		P
Nickel	mg/Kg	75 - 125	36.7		13.3		25.2	93		P
Potassium	mg/Kg	75 - 125	1430		1180		500	51	N	P
Selenium	mg/Kg	75 - 125	73.0		1.04	U	100	73	N	P
Silver	mg/Kg	75 - 125	3.17		0.46	J	3.8	71	N	P
Sodium	mg/Kg	75 - 125	121		104	U	150	81		P
Thallium	mg/Kg	75 - 125	95.4		2.07	U	100	95		P
Vanadium	mg/Kg	75 - 125	27.6		17.3		15.1	68	N	P
Zinc	mg/Kg	75 - 125	239		188		10.1	510		P