

metals
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MATRIX SPIKE SUMMARY

client: PARSONS Main of New York, Inc. **level:** low **sdg no.:** P5362

contract: PARS02 **lab code:** CHEM **case no.:** P5362 **sas no.:** P5362

matrix: Solid **sample id:** P5362-01 **client id:** WC-SOIL-20241219MS

Percent Solids for Sample: 92 **Spiked ID:** P5362-01MS **Percent Solids for Spike Sample:** 92

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3740		3630		99.3	111		P
Antimony	mg/Kg	75 - 125	13.7		2.47	U	39.7	34	N	P
Arsenic	mg/Kg	75 - 125	32.8		2.08		39.7	77		P
Barium	mg/Kg	75 - 125	30.7		24.4		9.9	63	N	P
Beryllium	mg/Kg	75 - 125	7.99		0.35		9.9	77		P
Cadmium	mg/Kg	75 - 125	8.74		0.30	U	9.9	88		P
Calcium	mg/Kg	75 - 125	808		847		49.6	-77		P
Chromium	mg/Kg	75 - 125	25.0		9.17		19.9	80		P
Cobalt	mg/Kg	75 - 125	14.2		6.02		9.9	82		P
Copper	mg/Kg	75 - 125	178		226		14.9	-324		P
Iron	mg/Kg	75 - 125	8220		9420		150	-798		P
Lead	mg/Kg	75 - 125	237		231		49.6	11		P
Magnesium	mg/Kg	75 - 125	1900		1870		99.3	31		P
Manganese	mg/Kg	75 - 125	80.2		80.9		9.9	-7		P
Nickel	mg/Kg	75 - 125	39.3		18.9		24.8	82		P
Potassium	mg/Kg	75 - 125	1210		787		500	85		P
Selenium	mg/Kg	75 - 125	68.9		0.99	U	99.3	69	N	P
Silver	mg/Kg	75 - 125	2.36		0.49	U	3.7	64	N	P
Sodium	mg/Kg	75 - 125	230		120		150	73	N	P
Thallium	mg/Kg	75 - 125	83.6		1.98	U	99.3	84		P
Vanadium	mg/Kg	75 - 125	27.7		17.7		14.9	67	N	P
Zinc	mg/Kg	75 - 125	223		236		9.9	-133		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Main of New York, Inc. **level:** low **sdg no.:** P5362
contract: PARS02 **lab code:** CHEM **case no.:** P5362 **sas no.:** P5362
matrix: Solid **sample id:** P5362-01 **client id:** WC-SOIL-20241219MSD
Percent Solids for Sample: 92 **Spiked ID:** P5362-01MSD **Percent Solids for Spike Sample:** 92

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3850		3630		100	224		P
Antimony	mg/Kg	75 - 125	13.7		2.47	U	41.0	33	N	P
Arsenic	mg/Kg	75 - 125	33.1		2.08		41.0	76		P
Barium	mg/Kg	75 - 125	32.2		24.4		10.3	76		P
Beryllium	mg/Kg	75 - 125	8.17		0.35		10.3	76		P
Cadmium	mg/Kg	75 - 125	8.78		0.30	U	10.3	85		P
Calcium	mg/Kg	75 - 125	832		847		51.3	-28		P
Chromium	mg/Kg	75 - 125	25.7		9.17		20.5	81		P
Cobalt	mg/Kg	75 - 125	14.4		6.02		10.3	82		P
Copper	mg/Kg	75 - 125	180		226		15.4	-299		P
Iron	mg/Kg	75 - 125	8620		9420		150	-531		P
Lead	mg/Kg	75 - 125	241		231		51.3	19		P
Magnesium	mg/Kg	75 - 125	1940		1870		100	70		P
Manganese	mg/Kg	75 - 125	83.6		80.9		10.3	27		P
Nickel	mg/Kg	75 - 125	39.9		18.9		25.6	82		P
Potassium	mg/Kg	75 - 125	1270		787		510	95		P
Selenium	mg/Kg	75 - 125	68.6		0.99	U	100	69	N	P
Silver	mg/Kg	75 - 125	2.46		0.49	U	3.8	65	N	P
Sodium	mg/Kg	75 - 125	240		120		150	80		P
Thallium	mg/Kg	75 - 125	85.0		1.98	U	100	85		P
Vanadium	mg/Kg	75 - 125	28.8		17.7		15.4	72	N	P
Zinc	mg/Kg	75 - 125	230		236		10.3	-56		P

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MATRIX SPIKE SUMMARY

client: PARSONS Main of New York, Inc. **level:** low **sdg no.:** P5362
contract: PARS02 **lab code:** CHEM **case no.:** P5362 **sas no.:** P5362
matrix: Solid **sample id:** P5365-01 **client id:** TAPFTA-SB01I-4.5-121924-00-T1MS
Percent Solids for Sample: 90.1 **Spiked ID:** P5365-01MS **Percent Solids for Spike Sample:** 90.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.29		0.0080	J	0.29	99		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Main of New York, Inc. **level:** low **sdg no.:** P5362
contract: PARS02 **lab code:** CHEM **case no.:** P5362 **sas no.:** P5362
matrix: Solid **sample id:** P5365-01 **client id:** TAPFTA-SB01I-4.5-121924-00-T1MSD
Percent Solids for Sample: 90.1 **Spiked ID:** P5365-01MSD **Percent Solids for Spike Sample:** 90.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.30		0.0080	J	0.28	106		CV