

metals
- 5a -
MATRIX SPIKE SUMMARY

client: PSEG **level:** low **sdg no.:** Q1154
contract: PSEG03 **lab code:** CHEM **case no.:** Q1154 **sas no.:** Q1154
matrix: Solid **sample id:** Q1142-01 **client id:** PL-1-012125MS
Percent Solids for Sample: 85.3 **Spiked ID:** Q1142-01MS **Percent Solids for Spike Sample:** 85.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.0090	J	0.28	98		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: PSEG **level:** low **sdg no.:** Q1154
contract: PSEG03 **lab code:** CHEM **case no.:** Q1154 **sas no.:** Q1154
matrix: Solid **sample id:** Q1142-01 **client id:** PL-1-012125MSD
Percent Solids for Sample: 85.3 **Spiked ID:** Q1142-01MSD **Percent Solids for Spike Sample:** 85.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.29		0.0090	J	0.28	100		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: PSEG **level:** low **sdg no.:** Q1154
contract: PSEG03 **lab code:** CHEM **case no.:** Q1154 **sas no.:** Q1154
matrix: Solid **sample id:** Q1156-01 **client id:** 281MS
Percent Solids for Sample: 89.9 **Spiked ID:** Q1156-01MS **Percent Solids for Spike Sample:** 89.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9200		7220		100	1982		P
Antimony	mg/Kg	75 - 125	15.0		2.25	U	40.8	37	N	P
Arsenic	mg/Kg	75 - 125	33.0		2.05		40.8	76		P
Barium	mg/Kg	75 - 125	37.0		31.2		10.2	58	N	P
Beryllium	mg/Kg	75 - 125	7.63		0.53		10.2	70	N	P
Cadmium	mg/Kg	75 - 125	10.5		0.43		10.2	99		P
Calcium	mg/Kg	75 - 125	1820		1230		51.0	1154		P
Chromium	mg/Kg	75 - 125	53.7		22.0		20.4	155	N	P
Cobalt	mg/Kg	75 - 125	25.1		12.1		10.2	128	N	P
Copper	mg/Kg	75 - 125	60.5		24.5		15.3	235	N	P
Iron	mg/Kg	75 - 125	21000		18600		150	1553		P
Lead	mg/Kg	75 - 125	59.4		9.91		51.0	97		P
Magnesium	mg/Kg	75 - 125	5130		2650		100	2477		P
Manganese	mg/Kg	75 - 125	453		406		10.2	459		P
Nickel	mg/Kg	75 - 125	46.7		15.1		25.5	124		P
Potassium	mg/Kg	75 - 125	712		466		510	48	N	P
Selenium	mg/Kg	75 - 125	68.6		0.90	U	100	69	N	P
Silver	mg/Kg	75 - 125	3.20		0.20	J	3.8	79		P
Sodium	mg/Kg	75 - 125	974		426		150	366	N	P
Thallium	mg/Kg	75 - 125	94.3		1.80	U	100	94		P
Vanadium	mg/Kg	75 - 125	61.0		39.3		15.3	142	N	P
Zinc	mg/Kg	75 - 125	53.3		33.4		10.2	195	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: PSEG **level:** low **sdg no.:** Q1154
contract: PSEG03 **lab code:** CHEM **case no.:** Q1154 **sas no.:** Q1154
matrix: Solid **sample id:** Q1156-01 **client id:** 281MSD
Percent Solids for Sample: 89.9 **Spiked ID:** Q1156-01MSD **Percent Solids for Spike Sample:** 89.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8420		7220		93.9	1279		P
Antimony	mg/Kg	75 - 125	13.7		2.25	U	37.5	36	N	P
Arsenic	mg/Kg	75 - 125	30.4		2.05		37.5	76		P
Barium	mg/Kg	75 - 125	33.5		31.2		9.4	25	N	P
Beryllium	mg/Kg	75 - 125	7.00		0.53		9.4	69	N	P
Cadmium	mg/Kg	75 - 125	9.79		0.43		9.4	100		P
Calcium	mg/Kg	75 - 125	1690		1230		46.9	979		P
Chromium	mg/Kg	75 - 125	49.3		22.0		18.8	145	N	P
Cobalt	mg/Kg	75 - 125	23.2		12.1		9.4	118		P
Copper	mg/Kg	75 - 125	56.1		24.5		14.1	225	N	P
Iron	mg/Kg	75 - 125	18900		18600		140	180		P
Lead	mg/Kg	75 - 125	54.7		9.91		46.9	96		P
Magnesium	mg/Kg	75 - 125	4610		2650		93.9	2091		P
Manganese	mg/Kg	75 - 125	409		406		9.4	30		P
Nickel	mg/Kg	75 - 125	43.1		15.1		23.5	119		P
Potassium	mg/Kg	75 - 125	639		466		470	37	N	P
Selenium	mg/Kg	75 - 125	63.9		0.90	U	93.9	68	N	P
Silver	mg/Kg	75 - 125	2.87		0.20	J	3.5	76		P
Sodium	mg/Kg	75 - 125	854		426		140	306	N	P
Thallium	mg/Kg	75 - 125	88.1		1.80	U	93.9	94		P
Vanadium	mg/Kg	75 - 125	55.5		39.3		14.1	115		P
Zinc	mg/Kg	75 - 125	49.0		33.4		9.4	166	N	P