

metals
- 5a -
MATRIX SPIKE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** P4674
contract: RSBE01 **lab code:** CHEM **case no.:** P4674 **sas no.:** P4674
matrix: Water **sample id:** P4661-03 **client id:** 102324-AMS
Percent Solids for Sample: NA **Spiked ID:** P4661-03MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.36		0.17	J	4.0	80	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>RSB Environmental</u>	level:	<u>low</u>	sdg no.:	<u>P4674</u>	
contract:	<u>RSBE01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4674</u>	sas no.: <u>P4674</u>
matrix:	<u>Water</u>	sample id:	<u>P4661-03</u>	client id:	<u>102324-AMSD</u>	
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>P4661-03MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>	

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.26		0.17	J	4.0	77	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** P4674
contract: RSBE01 **lab code:** CHEM **case no.:** P4674 **sas no.:** P4674
matrix: Water **sample id:** P4673-07 **client id:** OUTFALL-007MS
Percent Solids for Sample: NA **Spiked ID:** P4673-07MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1650		519		1000	113		P
Arsenic	ug/L	87 - 113	413		10.0	U	400	103		P
Barium	ug/L	88 - 113	378		248		100	130	N	P
Cadmium	ug/L	88 - 113	95.9		3.00	U	100	96		P
Chromium	ug/L	90 - 113	236		21.1		200	108		P
Copper	ug/L	86 - 114	168		14.2		150	103		P
Iron	ug/L	87 - 115	2600		892		1500	114		P
Lead	ug/L	86 - 113	475		6.00	U	500	95		P
Manganese	ug/L	90 - 114	137		26.8		100	110		P
Nickel	ug/L	88 - 113	250		2.30	J	250	99		P
Selenium	ug/L	83 - 114	954		10.0	U	1000	95		P
Silver	ug/L	84 - 115	38.9		5.00	U	37.5	104		P
Zinc	ug/L	87 - 115	411		286		100	126	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: RSB Environmental **level:** low **sdg no.:** P4674
contract: RSBE01 **lab code:** CHEM **case no.:** P4674 **sas no.:** P4674
matrix: Water **sample id:** P4673-07 **client id:** OUTFALL-007MSD
Percent Solids for Sample: NA **Spiked ID:** P4673-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1640		519		1000	112		P
Arsenic	ug/L	87 - 113	414		10.0	U	400	104		P
Barium	ug/L	88 - 113	376		248		100	128	N	P
Cadmium	ug/L	88 - 113	96.3		3.00	U	100	96		P
Chromium	ug/L	90 - 113	234		21.1		200	107		P
Copper	ug/L	86 - 114	169		14.2		150	103		P
Iron	ug/L	87 - 115	2590		892		1500	113		P
Lead	ug/L	86 - 113	476		6.00	U	500	95		P
Manganese	ug/L	90 - 114	136		26.8		100	109		P
Nickel	ug/L	88 - 113	251		2.30	J	250	100		P
Selenium	ug/L	83 - 114	964		10.0	U	1000	96		P
Silver	ug/L	84 - 115	38.7		5.00	U	37.5	103		P
Zinc	ug/L	87 - 115	412		286		100	126	N	P