

metals
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MATRIX SPIKE SUMMARY

client: New York City DEP of Environmental Prot **level:** low **sdg no.:** P5051
contract: NEWY17 **lab code:** CHEM **case no.:** P5051 **sas no.:** P5051
matrix: Water **sample id:** P5068-07 **client id:** 14B-(1-4)-COMPMS
Percent Solids for Sample: NA **Spiked ID:** P5068-07MS **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	75 - 125	908000		849000		1000	5916		P
Antimony	ug/L	75 - 125	287		25.0	U	400	72	N	P
Arsenic	ug/L	75 - 125	492		81.0		400	103		P
Barium	ug/L	75 - 125	816		658		100	157		P
Beryllium	ug/L	75 - 125	108		3.00	U	100	108		P
Cadmium	ug/L	75 - 125	103		3.07		100	100		P
Calcium	ug/L	75 - 125	41000		37900		500	625		P
Chromium	ug/L	75 - 125	219		21.8		200	99		P
Cobalt	ug/L	75 - 125	109		8.61	J	100	101		P
Copper	ug/L	75 - 125	720		562		150	106		P
Iron	ug/L	75 - 125	39500		36100		1500	228		P
Lead	ug/L	75 - 125	470		22.6		500	90		P
Magnesium	ug/L	75 - 125	10000		8490		1000	155		P
Manganese	ug/L	75 - 125	26600	D	25900	D	100	660		P
Nickel	ug/L	75 - 125	272		25.3		250	99		P
Potassium	ug/L	75 - 125	9450		3350		5000	122		P
Selenium	ug/L	75 - 125	1040		10.1		1000	103		P
Silver	ug/L	75 - 125	47.3		3.01	J	37.5	118		P
Sodium	ug/L	75 - 125	38100		34400		1500	246		P
Thallium	ug/L	75 - 125	822		20.0	U	1000	82		P
Vanadium	ug/L	75 - 125	191		36.5		150	103		P
Zinc	ug/L	75 - 125	260		142		100	119		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: New York City DEP of Environmental Prot **level:** low **sdg no.:** P5051
contract: NEWY17 **lab code:** CHEM **case no.:** P5051 **sas no.:** P5051
matrix: Water **sample id:** P5068-07 **client id:** 14B-(1-4)-COMPMSD
Percent Solids for Sample: NA **Spiked ID:** P5068-07MSD **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	75 - 125	911000		849000		1000	6245		P
Antimony	ug/L	75 - 125	283		25.0	U	400	71	N	P
Arsenic	ug/L	75 - 125	492		81.0		400	103		P
Barium	ug/L	75 - 125	802		658		100	143		P
Beryllium	ug/L	75 - 125	107		3.00	U	100	107		P
Cadmium	ug/L	75 - 125	102		3.07		100	99		P
Calcium	ug/L	75 - 125	40600		37900		500	558		P
Chromium	ug/L	75 - 125	216		21.8		200	97		P
Cobalt	ug/L	75 - 125	107		8.61	J	100	99		P
Copper	ug/L	75 - 125	713		562		150	101		P
Iron	ug/L	75 - 125	39000		36100		1500	194		P
Lead	ug/L	75 - 125	467		22.6		500	89		P
Magnesium	ug/L	75 - 125	9950		8490		1000	147		P
Manganese	ug/L	75 - 125	26800	D	25900	D	100	866		P
Nickel	ug/L	75 - 125	267		25.3		250	97		P
Potassium	ug/L	75 - 125	9280		3350		5000	119		P
Selenium	ug/L	75 - 125	1030		10.1		1000	102		P
Silver	ug/L	75 - 125	46.9		3.01	J	37.5	117		P
Sodium	ug/L	75 - 125	37400		34400		1500	198		P
Thallium	ug/L	75 - 125	817		20.0	U	1000	82		P
Vanadium	ug/L	75 - 125	189		36.5		150	102		P
Zinc	ug/L	75 - 125	257		142		100	115		P

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MATRIX SPIKE SUMMARY

client: New York City DEP of Environmental Prot **level:** low **sdg no.:** P5051
contract: NEWY17 **lab code:** CHEM **case no.:** P5051 **sas no.:** P5051
matrix: Water **sample id:** P5192-02 **client id:** EFF-WASTE WATERMS
Percent Solids for Sample: NA **Spiked ID:** P5192-02MS **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	75 - 125	3.62		0.20	U	4.0	90		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: New York City DEP of Environmental Prot **level:** low **sdg no.:** P5051
contract: NEWY17 **lab code:** CHEM **case no.:** P5051 **sas no.:** P5051
matrix: Water **sample id:** P5192-02 **client id:** EFF-WASTE WATERMSD
Percent Solids for Sample: NA **Spiked ID:** P5192-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.93		0.20	U	4.0	98		CV