

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick **level:** low **sdg no.:** Q3743
contract: REMI01 **lab code:** ACE
matrix: Water **sample id:** Q3743-01 **client id:** TW-1125-1MS
Percent Solids for Sample: NA **Spiked ID:** Q3743-01MS **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	17.9	D	11.9	D	4.0	149	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick **level:** low **sdg no.:** Q3743
contract: REMI01 **lab code:** ACE
matrix: Water **sample id:** Q3743-01 **client id:** TW-1125-1MSD
Percent Solids for Sample: NA **Spiked ID:** Q3743-01MSD **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	17.6	D	11.9	D	4.0	142	N	CV

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MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick</u>	level: <u>low</u>	sdg no.: <u>Q3743</u>
contract: <u>REMI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3743-02</u>	client id: <u>TW-1125-2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3743-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	55900	D	48700	D	10000	73		P
Antimony	ug/L	75 - 125	463	D	3.15	JD	500	92		P
Arsenic	ug/L	75 - 125	746	D	310	D	500	87		P
Barium	ug/L	75 - 125	2940	D	893	D	2500	82		P
Beryllium	ug/L	75 - 125	466	D	5.05	D	500	92		P
Cadmium	ug/L	75 - 125	485	D	7.75	D	500	96		P
Calcium	ug/L	75 - 125	168000	D	131000	D	50000	74	N	P
Chromium	ug/L	75 - 125	1800	D	1400	D	500	79		P
Cobalt	ug/L	75 - 125	600	D	145	D	500	91		P
Copper	ug/L	75 - 125	4720	D	462	D	5000	85		P
Iron	ug/L	75 - 125	214000	D	199000	D	25000	61		P
Lead	ug/L	75 - 125	3420	D	1100	D	2500	93		P
Magnesium	ug/L	75 - 125	105000	D	64300	D	50000	82		P
Manganese	ug/L	75 - 125	8780	D	4750	D	5000	81		P
Nickel	ug/L	75 - 125	633	D	180	D	500	91		P
Potassium	ug/L	75 - 125	36400	D	16900	D	25000	78		P
Selenium	ug/L	75 - 125	464	D	25.0	UD	500	91		P
Silver	ug/L	75 - 125	79.2	D	3.05	JD	500	15	N	P
Sodium	ug/L	75 - 125	75300	D	32700	D	50000	85		P
Thallium	ug/L	75 - 125	433	D	2.15	JD	500	86		P
Vanadium	ug/L	75 - 125	556	D	94.5	D	500	92		P
Zinc	ug/L	75 - 125	7690	D	3510	D	5000	83		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick</u>	level: <u>low</u>	sdg no.: <u>Q3743</u>
contract: <u>REMI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3743-02</u>	client id: <u>TW-1125-2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3743-02MSD</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
Aluminum	ug/L	75 - 125	57300	D	48700	D	10000	87		P
Antimony	ug/L	75 - 125	462	D	3.15	JD	500	92		P
Arsenic	ug/L	75 - 125	763	D	310	D	500	91		P
Barium	ug/L	75 - 125	2910	D	893	D	2500	81		P
Beryllium	ug/L	75 - 125	473	D	5.05	D	500	94		P
Cadmium	ug/L	75 - 125	480	D	7.75	D	500	94		P
Calcium	ug/L	75 - 125	172000	D	131000	D	50000	83		P
Chromium	ug/L	75 - 125	1820	D	1400	D	500	84		P
Cobalt	ug/L	75 - 125	606	D	145	D	500	92		P
Copper	ug/L	75 - 125	4790	D	462	D	5000	86		P
Iron	ug/L	75 - 125	218000	D	199000	D	25000	75		P
Lead	ug/L	75 - 125	3430	D	1100	D	2500	93		P
Magnesium	ug/L	75 - 125	106000	D	64300	D	50000	83		P
Manganese	ug/L	75 - 125	8990	D	4750	D	5000	85		P
Nickel	ug/L	75 - 125	644	D	180	D	500	93		P
Potassium	ug/L	75 - 125	37400	D	16900	D	25000	82		P
Selenium	ug/L	75 - 125	482	D	25.0	UD	500	95		P
Silver	ug/L	75 - 125	78.6	D	3.05	JD	500	15	N	P
Sodium	ug/L	75 - 125	76600	D	32700	D	50000	88		P
Thallium	ug/L	75 - 125	436	D	2.15	JD	500	87		P
Vanadium	ug/L	75 - 125	559	D	94.5	D	500	93		P
Zinc	ug/L	75 - 125	7820	D	3510	D	5000	86		P