



metals
- 5a -
MATRIX SPIKE SUMMARY

client: Louis Berger U.S., Inc., A WSP Company level: low sdg no.: O1233
contract: loui01 lab code: CHEM case no.: O1233 sas no.: O1233
matrix: Water sample id: O1255-02 client id: BORING-1MS
Percent Solids for Sample: NA Spiked ID: O1255-02MS Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3850		100	U	4000	96		P
Barium	ug/L	75 - 125	1360		447	J	1000	91		P
Cadmium	ug/L	75 - 125	970		30.0	U	1000	97		P
Chromium	ug/L	75 - 125	1990		16.7	J	2000	98		P
Lead	ug/L	75 - 125	4750		60.0	U	5000	95		P
Mercury	ug/L	75 - 125	42.9		2.00	U	40.0	107		CV
Selenium	ug/L	75 - 125	9460		100	U	10000	95		P
Silver	ug/L	75 - 125	353		50.0	U	380	93		P



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MATRIX SPIKE DUPLICATE SUMMARY

client: Louis Berger U.S., Inc., A WSP Company level: low sdg no.: O1233
contract: loui01 lab code: CHEM case no.: O1233 sas no.: O1233
matrix: Water sample id: O1255-02 client id: BORING-1MSD
Percent Solids for Sample: NA Spiked ID: O1255-02MSD Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3860		100	U	4000	96		P
Barium	ug/L	75 - 125	1310		447	J	1000	86		P
Cadmium	ug/L	75 - 125	965		30.0	U	1000	96		P
Chromium	ug/L	75 - 125	1950		16.7	J	2000	97		P
Lead	ug/L	75 - 125	4720		60.0	U	5000	94		P
Mercury	ug/L	75 - 125	42.9		2.00	U	40.0	107		CV
Selenium	ug/L	75 - 125	9440		100	U	10000	94		P
Silver	ug/L	75 - 125	349		50.0	U	380	92		P