

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** P5192
contract: ARDM01 **lab code:** CHEM **case no.:** P5192 **sas no.:** P5192
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	-	3.62		0.20	U	4.0	90		CV

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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Ardmore Chemical</u>	level:	<u>low</u>	sdg no.:	<u>P5192</u>		
contract:	<u>ARDM01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P5192</u>	sas no.:	<u>P5192</u>
matrix:	<u>Water</u>	sample id:	<u>P5192-02</u>	client id:	<u>EFF-WASTE WATERMSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>P5192-02MSD</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
Mercury	ug/L	-	3.93		0.20	U	4.0	98		CV

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- 5a -
MATRIX SPIKE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** P5192
contract: ARDM01 **lab code:** CHEM **case no.:** P5192 **sas no.:** P5192
matrix: Water **sample id:** P5327-01 **client id:** 12175-12176-12177-12178MS
Percent Solids for Sample: NA **Spiked ID:** P5327-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	99.3		3.00	U	100	99		P
Copper	ug/L	75 - 125	544		370		150	116		P
Lead	ug/L	75 - 125	520		19.9		500	100		P
Nickel	ug/L	75 - 125	265		11.2	J	250	101		P
Zinc	ug/L	75 - 125	259		147		100	112		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** P5192
contract: ARDM01 **lab code:** CHEM **case no.:** P5192 **sas no.:** P5192
matrix: Water **sample id:** P5327-01 **client id:** 12175-12176-12177-12178MSD
Percent Solids for Sample: NA **Spiked ID:** P5327-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	99.1		3.00	U	100	99		P
Copper	ug/L	75 - 125	542		370		150	115		P
Lead	ug/L	75 - 125	519		19.9		500	100		P
Nickel	ug/L	75 - 125	264		11.2	J	250	101		P
Zinc	ug/L	75 - 125	259		147		100	112		P