

metals
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MATRIX SPIKE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** Q1456
contract: ARDM01 **lab code:** CHEM **case no.:** Q1456 **sas no.:** Q1456
matrix: Water **sample id:** Q1429-01 **client id:** OUTFALL-DSN-001MS
Percent Solids for Sample: NA **Spiked ID:** Q1429-01MS **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	107		3.00	U	100	107		P
Copper	ug/L	75 - 125	234		61.6		150	115		P
Lead	ug/L	75 - 125	526		6.00	U	500	105		P
Nickel	ug/L	75 - 125	277		4.37	J	250	109		P
Zinc	ug/L	75 - 125	130		12.9	J	100	117		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** Q1456
contract: ARDM01 **lab code:** CHEM **case no.:** Q1456 **sas no.:** Q1456
matrix: Water **sample id:** Q1429-01 **client id:** OUTFALL-DSN-001MSD
Percent Solids for Sample: NA **Spiked ID:** Q1429-01MSD **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	107		3.00	U	100	107		P
Copper	ug/L	75 - 125	231		61.6		150	113		P
Lead	ug/L	75 - 125	527		6.00	U	500	105		P
Nickel	ug/L	75 - 125	278		4.37	J	250	109		P
Zinc	ug/L	75 - 125	127		12.9	J	100	114		P

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MATRIX SPIKE SUMMARY

client: Ardmore Chemical **level:** low **sdg no.:** Q1456
contract: ARDM01 **lab code:** CHEM **case no.:** Q1456 **sas no.:** Q1456
matrix: Water **sample id:** Q1456-02 **client id:** EFF-WASTE WATERMS
Percent Solids for Sample: NA **Spiked ID:** Q1456-02MS **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	3.80		0.20	U	4.0	95		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Ardmore Chemical</u>	level:	<u>low</u>	sdg no.:	<u>Q1456</u>		
contract:	<u>ARDM01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1456</u>	sas no.:	<u>Q1456</u>
matrix:	<u>Water</u>	sample id:	<u>Q1456-02</u>	client id:	<u>EFF-WASTE WATERMSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1456-02MSD</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	75 - 125	3.78		0.20	U	4.0	94		CV