

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Dal Tile - Sunnyvale Plant **level:** low **sdg no.:** Q3796
contract: DALT03 **lab code:** ACE
matrix: Water **sample id:** Q3776-01 **client id:** IDW-RAD-20251203MS
Percent Solids for Sample: NA **Spiked ID:** Q3776-01MS **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	82 - 119	3.70		0.20	U	4.0	92		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Dal Tile - Sunnyvale Plant **level:** low **sdg no.:** Q3796
contract: DALT03 **lab code:** ACE
matrix: Water **sample id:** Q3776-01 **client id:** IDW-RAD-20251203MSD
Percent Solids for Sample: NA **Spiked ID:** Q3776-01MSD **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	82 - 119	3.53		0.20	U	4.0	88		CV

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MATRIX SPIKE SUMMARY

client: <u>Dal Tile - Sunnyvale Plant</u>	level: <u>low</u>	sdg no.: <u>Q3796</u>
contract: <u>DALT03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3796-03</u>	client id: <u>Outfall 003MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3796-03MS</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	1760		1410		1000	35	N	P
Antimony	ug/L	75 - 125	388		25.0	U	400	97		P
Arsenic	ug/L	75 - 125	396		10.0	U	400	99		P
Barium	ug/L	75 - 125	289		188		100	100		P
Beryllium	ug/L	75 - 125	92.8		3.00	U	100	93		P
Boron	ug/L	75 - 125	636		482		150	102		P
Cadmium	ug/L	75 - 125	92.5		3.00	U	100	92		P
Calcium	ug/L	75 - 125	60900		59300		500	308		P
Chromium	ug/L	75 - 125	200		29.4		200	85		P
Cobalt	ug/L	75 - 125	94.8		15.0	U	100	95		P
Copper	ug/L	75 - 125	147		4.84	J	150	95		P
Iron	ug/L	75 - 125	1890		666		1500	82		P
Lead	ug/L	75 - 125	456		6.00	U	500	91		P
Magnesium	ug/L	75 - 125	15800		14700		1000	113		P
Manganese	ug/L	75 - 125	121		26.0		100	95		P
Molybdenum	ug/L	75 - 125	227		15.2	J	200	106		P
Nickel	ug/L	75 - 125	236		9.38	J	250	91		P
Potassium	ug/L	75 - 125	9540		4520		5000	100		P
Selenium	ug/L	75 - 125	959		10.0	U	1000	96		P
Silver	ug/L	75 - 125	26.2		5.00	U	37.5	70	N	P
Sodium	ug/L	75 - 125	24500		21600		1500	192		P
Thallium	ug/L	75 - 125	929		20.0	U	1000	93		P
Tin	ug/L	75 - 125	316		20.0	U	350	90		P
Titanium	ug/L	75 - 125	99.1		53.1		100	46	N	P
Vanadium	ug/L	75 - 125	154		11.0	J	150	96		P
Zinc	ug/L	75 - 125	125		23.8		100	101		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Dal Tile - Sunnyvale Plant</u>	level: <u>low</u>	sdg no.: <u>Q3796</u>
contract: <u>DALT03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3796-03</u>	client id: <u>Outfall 003MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3796-03MSD</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	1690		1410		1000	28	N	P
Antimony	ug/L	75 - 125	379		25.0	U	400	95		P
Arsenic	ug/L	75 - 125	384		10.0	U	400	96		P
Barium	ug/L	75 - 125	266		188		100	78		P
Beryllium	ug/L	75 - 125	89.9		3.00	U	100	90		P
Boron	ug/L	75 - 125	592		482		150	73	N	P
Cadmium	ug/L	75 - 125	89.4		3.00	U	100	89		P
Calcium	ug/L	75 - 125	56100		59300		500	-647		P
Chromium	ug/L	75 - 125	238		29.4		200	104		P
Cobalt	ug/L	75 - 125	91.1		15.0	U	100	91		P
Copper	ug/L	75 - 125	142		4.84	J	150	91		P
Iron	ug/L	75 - 125	2040		666		1500	92		P
Lead	ug/L	75 - 125	439		6.00	U	500	88		P
Magnesium	ug/L	75 - 125	14700		14700		1000	0		P
Manganese	ug/L	75 - 125	115		26.0		100	89		P
Molybdenum	ug/L	75 - 125	219		15.2	J	200	102		P
Nickel	ug/L	75 - 125	232		9.38	J	250	89		P
Potassium	ug/L	75 - 125	8900		4520		5000	88		P
Selenium	ug/L	75 - 125	935		10.0	U	1000	94		P
Silver	ug/L	75 - 125	26.7		5.00	U	37.5	71	N	P
Sodium	ug/L	75 - 125	22200		21600		1500	38		P
Thallium	ug/L	75 - 125	932		20.0	U	1000	93		P
Tin	ug/L	75 - 125	308		20.0	U	350	88		P
Titanium	ug/L	75 - 125	96.8		53.1		100	44	N	P
Vanadium	ug/L	75 - 125	149		11.0	J	150	92		P
Zinc	ug/L	75 - 125	119		23.8		100	95		P