

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Dal Tile - Sunnyvale Plant **level:** low **sdg no.:** Q3811
contract: DALT03 **lab code:** ACE
matrix: Water **sample id:** Q3811-01 **client id:** Outfall 001MS
Percent Solids for Sample: NA **Spiked ID:** Q3811-01MS **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	5.08		0.20	U	4.0	127	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Dal Tile - Sunnyvale Plant **level:** low **sdg no.:** Q3811
contract: DALT03 **lab code:** ACE
matrix: Water **sample id:** Q3811-01 **client id:** Outfall 001MSD
Percent Solids for Sample: NA **Spiked ID:** Q3811-01MSD **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	4.25		0.20	U	4.0	106		CV

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MATRIX SPIKE SUMMARY

client: <u>Dal Tile - Sunnyvale Plant</u>	level: <u>low</u>	sdg no.: <u>Q3811</u>
contract: <u>DALT03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3811-03</u>	client id: <u>Outfall 003MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3811-03MS</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	1700		878		1000	82		P
Antimony	ug/L	75 - 125	357		25.0	U	400	89		P
Arsenic	ug/L	75 - 125	362		10.0	U	400	90		P
Barium	ug/L	75 - 125	274		188		100	86		P
Beryllium	ug/L	75 - 125	88.3		3.00	U	100	88		P
Boron	ug/L	75 - 125	659		522		150	92		P
Cadmium	ug/L	75 - 125	84.1		3.00	U	100	84		P
Calcium	ug/L	75 - 125	57800		56900		500	178		P
Chromium	ug/L	75 - 125	180		3.81	J	200	88		P
Cobalt	ug/L	75 - 125	85.7		15.0	U	100	86		P
Copper	ug/L	75 - 125	132		3.45	J	150	86		P
Iron	ug/L	75 - 125	1770		411		1500	90		P
Lead	ug/L	75 - 125	442		1.64	J	500	88		P
Magnesium	ug/L	75 - 125	16200		15200		1000	106		P
Manganese	ug/L	75 - 125	106		19.7		100	86		P
Molybdenum	ug/L	75 - 125	207		16.0	J	200	96		P
Nickel	ug/L	75 - 125	238		3.24	J	250	94		P
Potassium	ug/L	75 - 125	8570		4100		5000	89		P
Selenium	ug/L	75 - 125	857		10.0	U	1000	86		P
Silver	ug/L	75 - 125	30.6		5.00	U	37.5	82		P
Sodium	ug/L	75 - 125	26900		24800		1500	141		P
Thallium	ug/L	75 - 125	792		20.0	U	1000	79		P
Tin	ug/L	75 - 125	297		20.0	U	350	85		P
Titanium	ug/L	75 - 125	114		32.0		100	82		P
Vanadium	ug/L	75 - 125	143		10.2	J	150	89		P
Zinc	ug/L	75 - 125	109		18.0	J	100	91		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Dal Tile - Sunnyvale Plant</u>	level: <u>low</u>	sdg no.: <u>Q3811</u>
contract: <u>DALT03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3811-03</u>	client id: <u>Outfall 003MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3811-03MSD</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	1720		878		1000	84		P
Antimony	ug/L	75 - 125	360		25.0	U	400	90		P
Arsenic	ug/L	75 - 125	361		10.0	U	400	90		P
Barium	ug/L	75 - 125	289		188		100	102		P
Beryllium	ug/L	75 - 125	88.0		3.00	U	100	88		P
Boron	ug/L	75 - 125	668		522		150	98		P
Cadmium	ug/L	75 - 125	83.7		3.00	U	100	84		P
Calcium	ug/L	75 - 125	58800		56900		500	389		P
Chromium	ug/L	75 - 125	185		3.81	J	200	90		P
Cobalt	ug/L	75 - 125	85.9		15.0	U	100	86		P
Copper	ug/L	75 - 125	133		3.45	J	150	86		P
Iron	ug/L	75 - 125	1790		411		1500	92		P
Lead	ug/L	75 - 125	443		1.64	J	500	88		P
Magnesium	ug/L	75 - 125	16400		15200		1000	120		P
Manganese	ug/L	75 - 125	111		19.7		100	91		P
Molybdenum	ug/L	75 - 125	212		16.0	J	200	98		P
Nickel	ug/L	75 - 125	237		3.24	J	250	94		P
Potassium	ug/L	75 - 125	8580		4100		5000	90		P
Selenium	ug/L	75 - 125	855		10.0	U	1000	86		P
Silver	ug/L	75 - 125	29.7		5.00	U	37.5	79		P
Sodium	ug/L	75 - 125	27800		24800		1500	198		P
Thallium	ug/L	75 - 125	828		20.0	U	1000	83		P
Tin	ug/L	75 - 125	299		20.0	U	350	85		P
Titanium	ug/L	75 - 125	117		32.0		100	85		P
Vanadium	ug/L	75 - 125	144		10.2	J	150	89		P
Zinc	ug/L	75 - 125	109		18.0	J	100	91		P