

Report No.: M242086

Issue Date: 5/12/24

Accreditation No.: 12902

The results on this report relate only to the items tested and/or sampled.

Attention: Duncan Russ	Ph: 02 65917352
Customer: MidCoast Council (Forster) Landfills	Fax No.:
Address: PO Box 450	Customer ID: G_GLC_LFIL
FORSTER NSW 2428	

Sample No	Sampling Point	Sampled	Received	Testing commenced	Authorised
M242086-1	Tuncurry MB:02	13/11/2024	13/11/2024	13/11/2024	5/12/2024
M242086-3	Tuncurry MB:04	13/11/2024	13/11/2024	13/11/2024	5/12/2024
M242086-4	Tuncurry MB:05	13/11/2024	13/11/2024	13/11/2024	5/12/2024

Sampling Point Test / Method	NATA	*Unit	M242086-1 Tuncurry MB:02	M242086-3 Tuncurry MB:04	M242086-4 Tuncurry MB:05
Metals Totals Digestion Metals by ICPMS	Y	Done	Done	Done	Done
Iron Total mg/L Metals by ICPMS	Y	mg/L	20.4	0.070	1.10
Potassium Total mg/L Metals by ICPMS	Y	mg/L	75.2	1.77	46.0
Manganese Total mg/L Metals by ICPMS	Y	mg/L	1.15	0.0015	0.011
Magnesium Total mg/L Metals by ICPMS	Y	mg/L	35.5	1.27	23.2
Calcium Total mg/L Metals by ICPMS	Y	mg/L	143	1.07	30.6
Sodium Total mg/L Metals by ICPMS	Y	mg/L	94.9	4.37	87.1
Non Purgeable TOC LABC_NPOC_T (APHA 5310 B and in-house)	Y	mg/L	71.0	3.8	83.0
pH @ 25 degrees C by MT LABC_MT_PH- (APHA 4500H+B and in-house)	Y	pH units	6.7	5.1	6.6
Conductivity by ManTech LABC_MT_COND- (APHA 2510B and in-house)	Y	uS/cm	1,870	59	1,350
Total Alkalinity to pH 4.5 MT LABC_MT_TOT_ALK- (APHA 2320B and in-house)	Y	mg CaCO ₃ / L	650	1.00	420
Fluoride LABC_IC_F- (APHA 4110 B and in-house)	Y	mg/L	0.10	<0.10	<0.10
Chloride LABC_IC_CI- (APHA 4110 B and in-house)	Y	mg/L	169	10.1	124

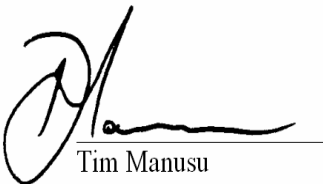
Sampling Point Test / Method	NATA	*Unit	M242086-1 Tuncurry MB:02	M242086-3 Tuncurry MB:04	M242086-4 Tuncurry MB:05
Sulphate LABC_IC_SO4 - (APHA 4110B and in-house)	Y	mg SO ₄ ²⁻ -L	39	2.4	53
Ammonia Nitrogen LABC31 - (APHA 4500-NH ₃ H and in-house)	Y	mgN/L	38.1	<0.010	56.2
Oxidised Nitrogen LABC32 - (APHA 4500-NO _x I and in-house)	Y	mgN/L	0.27	0.60	0.40
Nitrite Nitrogen LABC33 - (APHA 4500-NO ₂ I and in-house)	Y	mgN/L	0.043	0.004	0.032
Nitrate by calculation LABC34 - (APHA 4500-NO ₃ I and in-house)	Y	mgN/L	0.23	0.60	0.37

This Report is linked to Sydney Water Report No:315804

Sampled using sampling method LABS03

LABC_MT_PH or LABC07 pH analysis performed outside APHA (2023) recommended holding time (15 minutes).

Where a result is required to meet a compliance limit or specification, the associated uncertainty must be considered. Measurement Uncertainty estimates are available for all accredited test results on request.



Tim Manusu
Senior Microbiologist

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