

**Report No.:** M241020

**Issue Date:** 5/06/24

**Accreditation No.:** 12902

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

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

Sample No	Sampling Point	Sampled	Received	Testing commenced	Authorised
M241020-1	Tuncurry MB:02	15/05/2024	15/05/2024	15/05/2024	5/06/2024
M241020-3	Tuncurry MB:04	15/05/2024	15/05/2024	15/05/2024	5/06/2024
M241020-4	Tuncurry MB:05	15/05/2024	15/05/2024	15/05/2024	5/06/2024

Sampling Point Test / Method	NATA	*Unit	M241020-1 Tuncurry MB:02	M241020-3 Tuncurry MB:04	M241020-4 Tuncurry MB:05
<b>Metals Totals Digestion</b> Metals by ICPMS	Y	Done	Done	Done	Done
<b>Iron Total mg/L</b> Metals by ICPMS	Y	mg/L	2.16	0.265	1.73
<b>Potassium Total mg/L</b> Metals by ICPMS	Y	mg/L	143	5.16	11.7
<b>Manganese Total mg/L</b> Metals by ICPMS	Y	mg/L	0.155	0.010	0.043
<b>Magnesium Total mg/L</b> Metals by ICPMS	Y	mg/L	41.8	1.27	39.4
<b>Calcium Total mg/L</b> Metals by ICPMS	Y	mg/L	130	1.24	118
<b>Sodium Total mg/L</b> Metals by ICPMS	Y	mg/L	129	7.09	162
<b>Non Purgeable TOC</b> LABC_NPOC_T (APHA 5310 B and in-house)	Y	mg/L	111.0	4.6	55.0
<b>pH @ 25 degrees C by MT</b> LABC_MT_PH- (APHA 4500H+B and in-house)	Y	pH units	6.3	5.1	6.6
<b>Conductivity by ManTech</b> LABC_MT_COND- (APHA 2510B and in-house)	Y	uS/cm	1,800	85	1,370
<b>Total Alkalinity to pH 4.5 MT</b> LABC_MT_TOT_ALK- (APHA 2320B and in-house)	Y	mg CaCO <sub>3</sub> / L	310	2.00	260
<b>Fluoride</b> LABC_IC_F- (APHA 4110 B and in-house)	Y	mg/L	<0.10	<0.10	<0.10
<b>Chloride</b> LABC_IC_CI- (APHA 4110 B and in-house)	Y	mg/L	254	15.9	147


Sampling Point Test / Method	NATA	*Unit	M241020-1 Tuncurry MB:02	M241020-3 Tuncurry MB:04	M241020-4 Tuncurry MB:05
<b>Sulphate</b> LABC_IC_SO4 - (APHA 4110B and in-house)	Y	mg SO <sub>4</sub> <sup>2-</sup> -L	160	4.7	185
<b>Ammonia Nitrogen</b> LABC31 - (APHA 4500-NH <sub>3</sub> H and in-house)	Y	mgN/L	2.78	0.050	0.69
<b>Oxidised Nitrogen</b> LABC32 - (APHA 4500-NO <sub>x</sub> I and in-house)	Y	mgN/L	14.22	0.55	0.75
<b>Nitrite Nitrogen</b> LABC33 - (APHA 4500-NO <sub>2</sub> I and in-house)	Y	mgN/L	0.055	0.003	0.017
<b>Nitrate by calculation</b> LABC34 - (APHA 4500-NO <sub>3</sub> I and in-house)	Y	mgN/L	14.16	0.55	0.73

This Report is linked to Sydney Water Report No:305955

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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