

ATTACHMENT A

Calibration Record Sheet

Instrument Make: YSI

Instrument Model:

Viewer Serial #:

Sonde Serial #: *Lindeman's Island*

Calibrated by:

Date: *24 / 4 / 24*

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>3.96</i>
pH		pH units	7.00	<i>7.04</i>
pH		pH units	10.00	<i>/</i>
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	n/a	% sat.	100% sat in air	<i>100%</i>
Turbidity		NTU	0.02	<i>Turbidity</i>
Turbidity		NTU	20	<i>metre - Air</i>
Turbidity		NTU	100	<i>met</i>
Turbidity		NTU	800	
Visible signs of probe damage/wear/poor condition?			Comments:	

Comments:

Signature:

Date: *24/4/24*

[illegible]

[illegible]



CLIENT DETAILS	
Client	Catchment Solutions
Contact	Ben Pearce
	Phone 0488 765 106
Address	4/85 Gordon Street, Mackay Qld 4740
Email	bpearce@catchmentsolutions.com.au
Email Invoice to	accounts@catchmentsolutions.com.au
if different to report	

Project ID J1228	Purchase Order
Site Lindeman Island	Job No (MRC Clients)
Email bpearce@catchmentsolutions.com.au	Results Required By
Report To	Date
	Urgent TAT Requested
Reports will be emailed to Primary Contact by default	
Urgent TAT fee may apply, please contact lab	

Sample No.	Sample Description	Date Sampled	Time Sampled	Matrix (Water/Soil)	Grab/Composite	Sample Bottles
E.g.	Tank 1	13/03/2020	7:10am	Water	Grab	P, ST
1	WQ5	24/04/24	12:00		✓	
2	DW1	24/04/2024		Water	✓	
3	TN1	24/04/24			✓	
4						
5						
6						
7						
8						
9						
10						

Sampler	<u>Fiana Loft</u>	Samples Received By	
Mobile Phone	<u>0487060276</u>	Name	
Samples Relinquished By		Sign	
Name	<u>Fiana Loft</u>	Date	<u>26/11/24</u>
Sign	<u>J Loft</u>	Time	
		Condition Received	
		Room Temp / Chilled / Frozen	
Samples are to be kept chilled once collected and delivered to the laboratory within 24 hours.			

[illegible]

Bottle Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, H = HCl preserved Plastic, SP = Sulfuric Preserved Plastic, ST = Sterile Bottle AG = Amber Glass Unpreserved

Please contact the laboratory on 07 4961 9042 for sample bottles or advice on the appropriate analyses for your samples.

Request for Laboratory Testing & Chain of Custody

CLIENT DETAILS	
Client	Catchment Solutions
Contact	Ben Pearce
Address	4/85 Gordon Street, Mackay Qld 4740
Email	bpearce@catchmentsolutions.com.au
Email Invoice to	accounts@catchmentsolutions.com.au
If different to report	

CHAIN OF CUSTODY		Lab Use Only	LIMS Batch No.
Sampler	Fiona Left	Samples Received By	
Mobile Phone	0437 060 276	Name	
Samples Relinquished By		Sign	
Name	Fiona Left	Date	26/4/24
Sign	[Signature]	Time	
		Condition Received	Room Temp / Chilled / Frozen
		Samples are to be kept chilled once collected and delivered to the laboratory within 24 hours.	

Project ID	J1228	Purchase Order	
Site	Lindeman Island	Job No (MRC Clients)	
Email Report To	bpearce@catchmentsolutions.com.au	Results Required By Date	
		Urgent TAT Requested	
Reports will be emailed to Primary Contact by default			
Urgent TAT fee may apply, please contact lab			

Sample Information							Tests Required including Suites							Notes
Sample No.	Sample Description	Date Sampled	Time Sampled	Matrix (Water/Soil)	Grab/ Composite	Sample Bottles	E.g. pH or Anions	Faecal Coliforms	Heterotrophic Plate Count	Total Coliforms	E. Coli			
E.g. Tank 1		13/03/2020	7.10am	Water	Grab	P, ST	X							e.g. known hazards, special handling, storage or disposal
1	LIND01	24/04/2024	10:45	Water	✓			X	X	X	X			
2	LIND02	24/04/2024		Water				X	X	X	X			
3	LIND03	24/04/2024		Water				X	X	X	X			
4	LIND04	24/04/2024		Water				X	X	X	X			
5	LIND05	24/04/2024		Water				X	X	X	X			
6	LIND06	24/04/2024		Water				X	X	X	X			
7	WQ1	24/04/2024	11:30	Water	✓			X	X	X	X			
8	WQ2	24/04/2024	13:20	Water	✓			X	X	X	X			
9	WQ3	24/04/2024	13:45	Water	✓			X	X	X	X			
10	WQ4	24/04/2024	13:00	Water	✓	5		X	X	X	X			

Bottle Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, H = HCl preserved Plastic, SP = Sulfuric Preserved Plastic, ST = Sterile Bottle, AG = Amber Glass Unpreserved

Please contact the laboratory on 07 4961 9042 for sample bottles or advice on the appropriate analyses for your samples.

[illegible]

**Lindeman Great Barrier Reef Resort
Water Quality Monitoring Program
Field Sheet**

Site Number: WQ 1		Date: 28.5.24	Time: 1:30
Site Location Monthly		Field Team: FL / JP	
In-Situ Water Quality			
Parameter	Unit	Value	Comment
Water Temperature	°C	22.7	
Conductivity	µs/cm @25°C	56580	
DO	Mg/L	5.16 mg/L	76.890
pH	pH unit	8.30	
Turbidity	NTU	1.23	
Laboratory Analysis of Water Quality			
Grab Samples Collected	Yes	No (2)	Types (Colours) of bottles collected:
		1	Nutrient-TN & TP 1 light green plastic
		1	TSS spare – Poly green 500ml
		1	Ultra trace nutrient, reactive P, Nitrate, Nitrite, Ammonia 1 dark green bottle - Filtered
			3.5 Secchi
Weather Conditions Today			
Rain	☐ Yes	☒ No	
Cloud Cover	☐ Yes	☒ No	
Wind	☒ Yes	☐ No	
Oil & Grease Visual	☐ Yes	☒ No	
Bore Condition	☐ Yes	☐ No	
Comments			
<i>straight behind S. at boat ramp near other island.</i>			
Longitude (decimal degree GDA94)			
Latitude (decimal degree GDA94)			

**Linderman Great Barrier Reef Resort
Water Quality Monitoring Program
Field Sheet**

[illegible]

**Lindeman Great Barrier Reef Resort
Water Quality Monitoring Program
Field Sheet**

[illegible]

Lindeman Great Barrier Reef Resort Water Quality Monitoring Program Field Sheet

Site Number: WQ 4			Date: 28/5/24	Time: 1.15
Site Location Monthly <i>(to the R of wes)</i>			Field Team: FL / JP	
In-Situ Water Quality				
Parameter	Unit	Value	Comment	
Water Temperature	°C	22.9°		
Conductivity	µs/cm @25°C	56717		
DO	Mg/L	5.12mg/L	74.2%	
pH	pH unit	8.20		
Turbidity	NTU	1.43		
Laboratory Analysis of Water Quality				
Grab Samples Collected	Yes	No (2)	Types (Colours) of bottles collected:	
		1	Nutrient-TN & TP 1 light green plastic	
		1 ✓	TSS spare – Poly green 500ml	
		1	Ultra trace nutrient, reactive P, Nitrate, Nitrite, Ammonia 1 dark green bottle - Filtered	
			4 litre secchi	
Weather Conditions Today				
Rain	Yes	No		
Cloud Cover	Yes	No		
Wind	Yes	No		
Oil & Grease Visual	Yes	No		
Bore Condition	Yes	No		
Comments				
Longitude (decimal degree GDA94)				
Latitude (decimal degree GDA94)				

Site Number: WA 5						Date:	28/5/2011	Time:	1.00 pm
Site Location: In front of Bungalow / Monthly							Field Team: FL / JP		
In-Situ Water Quality									
Parameter	Unit	Value		Comment					
Water Temperature	°C	23.1°							
Conductivity	µS/cm @25°C	56778		2.5 metres - Secchi.					
DO	Mg/L	4.77 mg/l		(on bottom)					
pH	pH unit	7.92		69-790					
Turbidity	NTU	3.33							
Laboratory Analysis of Water Quality									
Grab Samples Collected	Yes	No (2)	Types (Colours) of bottles collected:						
		1	Nutrient-TN & TP 1 light green plastic						
		1	TSS spare – Poly green 500ml						
		1	Ultra trace nutrient, reactive P, Nitrate, Nitrite, Ammonia 1 dark green bottle - Filtered						
Weather Conditions Today									
Rain	Yes	No							
Cloud Cover	Yes	No							
Wind	Yes	No							
Oil & Grease Visual	Yes	No							
Bore Condition	Yes	No							
Comments									
Longitude (decimal degree GDA94)									
Latitude (decimal degree GDA94)									

Calibration Record Sheet

Instrument Make: YSI and APERA
Instrument Model: Quatro/ Quatro Plus and TN400
Viewer Serial #:
Sonde Serial #:
Calibrated by: *Fiona Loft*
Date: *28/5/24*

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>4.01</i>
pH		pH units	7.00	<i>6.90</i>
pH		pH units	10.00	<i>/</i>
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	n/a	% sat.	100% sat in air	<i>100%</i>
Turbidity		NTU	0	<i>✓</i>
Turbidity		NTU	20	<i>✓</i>
Turbidity		NTU	100	<i>✓</i>
Turbidity		NTU	400	<i>✓</i>
Turbidity		NTU	800	<i>✓</i>

Visible signs of probe damage/wear/poor condition?

Comments:

Comments:

Signature:

Date:

F Loft
28/5/24

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1998-2004 2005-2006 2007-2008	1998-2004 2005-2006 2007-2008	1998-2004 2005-2006 2007-2008	1998-2004 2005-2006 2007-2008	1998-2004 2005-2006 2007-2008
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INTERNATIONAL SOCIETY OF PLASMA PHYSICISTS	INTERNATIONAL FEDERATION OF PLASMA PHYSICISTS	EUROPEAN FEDERATION OF PLASMA PHYSICISTS	EUROPEAN SOCIETY OF PLASMA PHYSICISTS	APPLIED PLASMA PHYSICS
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Calibration Record Sheet

Instrument Make: YSI and APERA
Instrument Model: Quatro/ Quatro Plus and TN400
Viewer Serial #:
Sonde Serial #: *Lindeman Island J1228*
Calibrated by: *Jenna Loft*
Date: *20/6/24*

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>4.1</i>
pH		pH units	7.00	<i>7.01</i>
pH		pH units	10.00	<i>—</i>
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	n/a	% sat.	100% sat in air	<i>100%</i>
Turbidity		NTU	0	<i>✓</i>
Turbidity		NTU	20	<i>✓</i>
Turbidity		NTU	100	<i>✓</i>
Turbidity		NTU	400	<i>✓</i>
Turbidity		NTU	800	<i>✓</i>

Visible signs of probe damage/wear/poor condition?

Comments:

Comments:

Signature:

Date:

J Loft

20/6/24



LIVEDAY 277-280 Woodson Road Smithfield NSW 2148
 PH: 02 8794 8555 E: samples.ryd@smithfield.com.au
 CROWNVILLE 14-15 Dismas Court Bantle QLD 4815
 PH: 07 4798 0000 E: townsville.environmental@alpacol.com.au
 DOWLING GONGONG 89 Kenny Street Wollangong NSW 2506
 PH: 02 4275 3125 E: portlombia@alpacol.com.au

FOR LABORATORY USE ONLY (Circle)

Custody Seal Intact?	Yes
Free ice / frozen ice bricks present upon receipt?	Yes
Random Sample Temperature on Receipt:	

Other comment:	
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RECEIVED BY:

DATE TIME:

DATE/TIME:

[illegible]

Water Container Codes: P = Unpreserved Plastic; N Nitric Preserved Plastic; ORC = Nitric Preserved ORC; S = Sodium Hydroxide/Cl⁻ Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airtight Unpreserved Plastic
V = VOA via HCl Preserved; VB = VOA via Sodium Bisulfate Preserved; VS = VOA via Sulfuric Preserved; AV = Airtight Unpreserved via SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass; Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Stainless Steel; B = Unpreserved Bag; A = Zinc Acetate Preserved Bottles; ST = Stainless Steel; B = Unpreserved Bag.



CHAIN OF CUSTODY

ALS Laboratory
Please tick →

LABORATORY 21 Burns Road, Pinesville, SA 5096
Ph: 08 0330 0800 E: adelaide@catchment.com
EBZRBANK 32 Strand Street, Sturtford QLD 4053
Ph: 07 3243 7222 E: samples.brisbane@catchment.com
JCLADSTON 40 Callaghan Drive, Chirn DLI 4600
Ph: 07 7471 5000 E: jcladstone@catchment.com

LABORATORY 78 Highbury Road, Mackay QLD 4740
Ph: 07 4644 0177 E: mackay@catchment.com
LABORATORY 2-4 Wessell Road, Springvale VIC 3171
Ph: 03 8546 0600 E: samples.melbourne@catchment.com
LABORATORY 27 Sydney Road, Mudgee NSW 2850
Ph: 02 6372 0730 E: mudgee@catchment.com

LABORATORY 5686 Mainland Rd, Mayfield NSW 2204
Ph: 02 4012 2500 E: samples.maitland@catchment.com
LABORATORY 4/13 Quay Place, Murrumbidgee NSW 2541
Ph: 02 4423 2065 E: murrumbidgee@catchment.com
LABORATORY 10 Hockley Way, Murrumbidgee NSW 2500
Ph: 02 4225 3125 E: murrumbidgee@catchment.com

LABORATORY 277-280 Woodstock Road, Smithfield NSW 2164
Ph: 02 0754 5555 E: samples.south@catchment.com
LABORATORY 14-16 Deane Court, Brisbane QLD 4018
Ph: 07 4190 0800 E: samples.brisbane@catchment.com
LABORATORY 600 Kerry Street, Wollongong NSW 2500
Ph: 02 4225 3125 E: wollongong@catchment.com

CLIENT: Catchment Solutions

OFFICE: Mackay

Lindeman Island Monthly

ORDER NUMBER:

PROJECT MANAGER: Ben Pearce

SAMPLER: Fiona Loft

COC emailed to ALS? (YES)

Email Reports to: bpearce@catchmentsolutions.com.au

Email Invoice to: accounts@catchmentsolutions.com.au

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

TURMAROUND REQUIREMENTS:

(Standard TAT may be longer for some tests e.g.:-

Ultra Trace Organics)

ALS QUOTE NO.:

CONTACT PH: 0488 765 106

SAMPLER MOBILE: 0487 060 276

EDD FORMAT (or default):

x Standard TAT (List due date):

Non Standard or urgent TAT (List due date):

EBZACATSOL001

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

FOR LABORATORY USE ONLY (Circle)

Custody Seal Intact?

Free ice / frozen ice bricks present upon receipt?

Random Sample Temperature on Receipt:

Other comment:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

ALS USE MATRIX: SOLID (S) WATER (W)

CONTAINER INFORMATION

ANALYSIS REQUIRED including SUTRES (NB: Sulfate Codes must be listed to attract sulfate price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).

Additional Information

LAB ID

SAMPLE ID

DATE / TIME

MATRIX

TYPE & PRESERVATIVE codes below)

(refer to TOTAL CONTAINERS

TDS, TSS

Nutrients NT-08

Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.

1W3 TW3

20/6/24

Water

x

x

PLEASE FORWARD TO SYDNEY LABORATORY FOR ANALYSIS

TOTAL

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airtight Unpreserved Plastic; V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulfate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airtight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formallydehyde Preserved Glass; Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottle; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Solids; B = Unpreserved Bag.

中国环境标志 CHINA ENVIRONMENTAL MARKING	中国环境标志 CHINA ENVIRONMENTAL MARKING	中国环境标志 CHINA ENVIRONMENTAL MARKING	中国环境标志 CHINA ENVIRONMENTAL MARKING	中国环境标志 CHINA ENVIRONMENTAL MARKING

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EMERGENCY SUPPORT PLANS	EMERGENCY RESPONSE PLANS	EMERGENCY RECOVERY PLANS	EMERGENCY REPAIR PLANS	EMERGENCY REPAIR PLANS

1. IDENTIFY THE BUSINESS PROBLEM	2. DEVELOP THE PROBLEM STATEMENT	3. IDENTIFY THE CAUSES OF THE PROBLEM	4. IDENTIFY THE CAUSES OF THE PROBLEM	5. IDENTIFY THE CAUSES OF THE PROBLEM

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1. ENVIRONMENTAL SUSTAINABILITY PLANNING	2. ENVIRONMENTAL PROTECTION	3. ENVIRONMENTAL PROTECTION LEGISLATION	4. ENVIRONMENTAL PROTECTION LEGISLATION

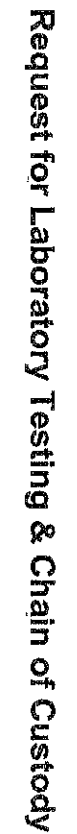
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1998年12月 12月14日 12月14日	1998年12月 12月14日 12月14日	1998年12月 12月14日 12月14日	1998年12月 12月14日 12月14日	1998年12月 12月14日 12月14日
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【中国の経済発展と 社会の安定】	【中国の経済発展と 社会の安定】	【中国の経済発展と 社会の安定】	【中国の経済発展と 社会の安定】	【中国の経済発展と 社会の安定】

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CLIENT DETAILS

Reports will be emailed to Primary Contact by default Urgent TAT fee may apply, please contact lab

Sample No.	Sample Description	Date Sampled	Time Sampled	Matrix (Water/Soil)	Grab/Composite	Sample Bottles
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[illegible]

Time	11:15	Room Temp / Chilled / Frozen
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Please contact the laboratory on 07 4961 9042 for sample bottles or advice on the appropriate analyses for your samples.



CHAIN OF CUSTODY
ALS Laboratory
Please tick →

2000-2001
2002-2003
2004-2005
2006-2007
2008-2009
2010-2011
2012-2013
2014-2015
2016-2017
2018-2019
2020-2021
2022-2023
2024-2025

2000-2001
2002-2003
2004-2005
2006-2007
2008-2009
2010-2011
2012-2013
2014-2015
2016-2017
2018-2019
2020-2021
2022-2023
2024-2025

2000-2001
2002-2003
2004-2005
2006-2007
2008-2009
2010-2011
2012-2013
2014-2015
2016-2017
2018-2019
2020-2021
2022-2023
2024-2025

2000-2001
2002-2003
2004-2005
2006-2007
2008-2009
2010-2011
2012-2013
2014-2015
2016-2017
2018-2019
2020-2021
2022-2023
2024-2025

CLIENT: Catchment Solutions

OFFICE: Mackay

Location: Island Quarterly

ORDER NUMBER:

PROJECT MANAGER: Ben Pearce

SAMPLER: Fiona Loft

COC emailed to ALS? (YES)

Email Reports to: bpearce@catchmentsolutions.com.au

Email Invoice to: accounts@catchmentsolutions.com.au

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

TURNAROUND REQUIREMENTS:

(Standard TAT may be longer for some tests e.g. Ultra Trace Organics)

ALS QUOTE NO.:

CONTACT PH: 0488 765 106

SAMPLER MOBILE: 0487 060 276

EDD FORMAT (or default):

x Standard TAT (last due date)

Non Standard or urgent TAT (last due date):

EB24CATSOL0001

RELINQUISHED BY:

DATE/TIME:

30/7/24

9:48

RECEIVED BY:

DATE/TIME:

30/7/24

11:30

FOR LABORATORY USE ONLY (Circle)

Custody Seal Intact?

Free ice / frozen ice bricks present upon receipt?

Random Sample Temperature on Receipt:

Other comment:

Yes

Yes

°C

No

No

°C

N/A

N/A

N/A

ALS USE MATRIX: SOLID (S) WATER (W)

CONTAINER INFORMATION

ANALYSIS REQUIRED including SUTES (NB: Sute Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottles required) or Dissolved (field filtered bottle required)

Additional Information

LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE codes below	(refer to)	TOTAL CONTAINERS	OP Pesticides	TDS, TSS	Nutrients NT-08	Ultratrace Nutrients TN, TP, NH3, NO2, NO3, Reactive P	Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc
LIND01		30.7.24 14:05	Water				x	x	x		
WQ1		30.7.24 11:15	Water				x	x		x	
WQ2		30.7.24 11:45	Water				x	x		x	
WQ3		30.7.24 9:45	Water				x	x		x	
WQ4		30.7.24 11:05	Water				x	x		x	
WQ5		30.7.24 10:15	Water				x	x		x	
DW4		30.7.24	Water				x	x		x	

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airfreight Unpreserved Plastic; V = VOA Via HCl Preserved; VB = VOA Via Sodium Bisulphate Preserved; VS = VOA Via Sulphuric Preserved; AV = Airfreight Unpreserved Vial SQ = Sulfuric Preserved Amber Glass; H = HCl Preserved Plastic; HS = HCl Preserved Specimen bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass; Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag.



CHAIN OF
CUSTODY

ALS Laboratory
Please tick →

DEBRISANE 32 Slaine Street Slaine QLD 4053
Ph: 07 5553 7222 E: samples@catchmentsolutions.com.au

CLIENT: Catchment Solutions

OFFICE: Mackay

TURNAROUND REQUIREMENTS:

(Standard TAT may be longer for some tests e.g. Ultra Trace Quantities)

ALS QUOTE NO.:

EB24CATSOL0001

x Standard TAT (last due date):

Non Standard or urgent TAT (last due date):

FOR LABORATORY USE ONLY (Circle)

Custody Seal intact?

Free ice / frozen ice blocks present upon receipt?

Random Sample Temperature on Receipt:

Other comment:

Yes

Yes

°C

No

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

PROJECT MANAGER: Ben Pearce

SAMPLER: Ben Pearce

COC emailed to ALS? (YES)

Email Reports to: bpearce@catchmentsolutions.com.au

Email Invoice to: accounts@catchmentsolutions.com.au

Comments/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALIS USE

SAMPLE DETAILS

MATRIX: SOLID (S) WATER (W)

LAB ID

SAMPLE ID

DATE / TIME

MATRIX

TYPE & PRESERVATIVE

codes below

(refer to

TOTAL

CONTAINERS

OP Pesticides

TDS, TSS

Nutrients NT-08

ANALYSIS REQUIRED including SITES (NB: Suite Codes must be listed to attract suite price)

Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (filtered bottle required)

Additional Information

Comments on likely contaminant levels, dilutions or samples requiring specific OC analysis etc

PLEASE FORWARD TO SYDNEY LABORATORY FOR ANALYSIS

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airfreight Unpreserved Plastic

V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisphosphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;

Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Substrate Solids; B = Unpreserved Bag

Multi Parameter Water Meter

Instrument YSI Quatro Pro Plus
Serial No. 11K100576



Item	Test	Pass	Comments
Battery	Charge Condition	✓	
	Fuses	✓	
	Capacity	✓	
Switch/keypad	Operation	✓	
Display	Intensity	✓	
	Operation (segments)	✓	
Grill Filter	Condition	✓	
	Seal	✓	
PCB	Condition	✓	
Connectors	Condition	✓	
Sensor	1. pH	✓	
	2. mV	✓	
	3. COND	✓	
	4. D.O	✓	
	5. Temp	✓	
Alarms	Beeper		
	Settings		
Software	Version		
Data logger	Operation		
Download	Operation		
Other tests:			

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Diffusion mode Aspirated mode

Sensor	Serial no	Standard Solutions	Certified	Solution Bottle Number	Instrument Reading
1. pH 7.00		pH 7.00		413995	pH 7.01
2. pH 4.00		pH 4.00		414104	pH 4.01
3. ORP		230.3mV		418135/418134	230.3mV
4. EC		2760uS		414103	2761uS
5. D.O		100%		water	99.0% - 753.0mmHg
6. Temp		24.4oC		MultiTherm	24.4oC

Calibrated by: Morten Peters

Calibration date: 09-Aug-24

Next calibration due: 9-Feb-25

ENVIRONMENTAL ECONOMIC PLANNING	ENVIRONMENTAL PROTECTING	ENVIRONMENTAL ECONOMIC DEVELOPMENT	ENVIRONMENTAL SYSTEM MANAGING	ENVIRONMENTAL DEVELOPMENT LEARNING

Page | 1

 ENVIRONMENTAL PLANNING	 ENVIRONMENTAL DESIGNING	 ENVIRONMENTAL DESIGN & STARTUP DEVELOPMENT	 ENVIRONMENTAL SYSTEM MANAGEMENT DEVELOPMENT	 ENVIRONMENTAL SYSTEM DEVELOPMENT & MAINTENANCE
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Page | 1

INSTRUMENTAL & NON-INSTRUMENTAL EVALUATION	INSTRUMENTAL EVALUATION	INSTRUMENTAL EVALUATION (EXPERIMENT)	EXPERIMENT EVALUATION (EXPERIMENT)	EXPERIMENT EVALUATION (EXPERIMENT)	EXPERIMENT EVALUATION (EXPERIMENT)

Page | 1

STRATEGIC PLANNING	DEVELOPMENTAL OPERATIONS	CONSTRUCTION PROJECT MANAGEMENT	CONSTRUCTION SYSTEM MANAGEMENTS	CONSTRUCTION SYSTEM DEVELOPMENT

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ENVIRONMENTAL & LAND-USE PLANNING	ENVIRONMENTAL PROTECTION	ENVIRONMENTAL QUALITY & CLIMATE DEVELOPMENT	ENVIRONMENTAL SYSTEM MONITORING & DEVELOPMENT	ENVIRONMENTAL SCIENCE & CLIMATE
				

Page 11

Five circular icons representing different types of development: Economic, Environmental, Social, Cultural, and Human.

ENVIRONMENTAL
 & SOCIAL
 PLEDGING

ENVIRONMENTAL
 & SOCIAL
 CREDITS

ENVIRONMENTAL
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 RISK MANAGEMENT

Page 11

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Page 11

FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE	UNITED STATES DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION	DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE	DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE	DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE

[illegible]

ENVIRONMENTAL SCIENCE PLANNING	ENVIRONMENTAL SCIENCE PLANNING	ENVIRONMENTAL SCIENCE PLANNING	ENVIRONMENTAL SCIENCE PLANNING	ENVIRONMENTAL SCIENCE PLANNING

INTERNATIONAL
 BUSINESS
 FINANCING

INTERNATIONAL
 TRADE
 FINANCING

BANKING
 ON
 EXPORTS
 AND
 IMPORTS

FOREIGN
 INVESTMENT
 PROMOTION
 AND
 DEVELOPMENT

TRADE
 DEVELOPMENT
 BANK

Document: CS-F-QA-003 | Version: 1 | Date: 06.06.2024

[illegible]



CHAIN OF CUSTODY

ALS Laboratory
please tick →

GADELAIDE 21 Burns Road, Port Adelaide SA 5005
Ph: 08 8550 0500 E: adelaide@alsglobal.com
BERKSHIRE 32 Strand Street, Stirling QLD 4053
Ph: 07 3243 7222 E: samples.brisbane@alsglobal.com
GLADSTONE 46 Cliffman Drive, Clifton QLD 4680
Ph: 07 7471 5800 E: gladstone@alsglobal.com

MACKEY 78 Harbour Road, Mackay QLD 4740
Ph: 07 4944 0177 E: mackay@alsglobal.com
MELBOURNE 2-4 Vesitall Road, Springvale VIC 3171
Ph: 03 8549 9800 E: samples.melbourne@alsglobal.com
MURDOCH 27 Sydney Road, Murdoch NSW 2850
Ph: 02 8572 6755 E: murdoch@alsglobal.com

NEWCASTLE 5698 Maitland Rd, Mayfield West NSW 2304
Ph: 02 4314 2500 E: samples.newcastle@alsglobal.com
NEWCASTLE 413 Geary Place, North Sydney NSW 2051
Ph: 02 9442 2003 E: nsw@alsglobal.com
PERTH 10 Hod Way, Malaga WA 6090
Ph: 08 9209 7555 E: samples.perth@alsglobal.com

SYDNEY 277-285 Woodpark Road, Smithfield NSW 2164
Ph: 02 8764 8555 E: samples.sydney@alsglobal.com
TOWNSVILLE 14-15 Deans Court, Bribie QLD 4813
Ph: 07 4796 0600 E: townsville@alsglobal.com
WOLLONGONG 88 Kenny Street, Wollongong NSW 2500
Ph: 02 4225 3125 E: wollongong@alsglobal.com

CLIENT: Catchment Solutions

OFFICE: Mackay

Lindeman Island Monthly

ORDER NUMBER:

PROJECT MANAGER: Ben Pearce

SAMPLER: Fiona Loft

COC emailed to ALS? (YES)

Email Reports to: 5pearce@catchmentsolutions.com.au

Email Invoice to: accounts@catchmentsolutions.com.au

TURNAROUND REQUIREMENTS :
(Standard TAT may be longer for some tests e.g. Ultra Trace Organics)

ALS QUOTE NO.: EB24CATSOL0001

CONTACT PH: 0488 765 106

SAMPLER MOBILE: 0487 060 276

EDD FORMAT (or default):

Standard TAT (List due date):
Non Standard or urgent TAT (List due date):

COC SEQUENCE NUMBER (Circle)

OF: 1 2 3 4 5 6 7

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

FOR LABORATORY USE ONLY (Circle)

Outbox Seal Intact?

Free (co) / frozen ice bricks present upon receipt?

Random Sample Temperature on Receipt

Other comment:

RECEIVED BY:

DATE/TIME:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALS USE	SAMPLE DETAILS		CONTAINER INFORMATION		ANALYSIS REQUIRED INCLUDING SUITES (NB. Suite Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).	Additional Information	
	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE codes below	TOTAL CONTAINERS (refer to codes below)		
LIND01			Water		2	TDS, TSS	Nutrients NT-08
WQ01			Water		3		NO ₃ , Reactive P, TN, TP, NH ₃ , NO ₂
WQ02			Water		3		
WQ03			Water		3		
WQ04			Water		3		
WQ05			Water		3		
DW01			Water		2		
					18		

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cl₂ Preserved; S = Sodium Hydroxide/Cl₂ Preserved; AG = Amber Glass Unpreserved; AP = Airtight Unpreserved Plastic
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisphosphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airtight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl Preserved Plastic; HS = HCl Preserved Speciation Bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;
Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottle; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag.

1. IDENTIFICATION OF THE PROBLEM	2. ANALYSIS OF THE PROBLEM AND IDENTIFICATION OF CAUSES	3. IDENTIFICATION OF THE PROBLEM AND CAUSE OF THE PROBLEM	4. IDENTIFICATION OF THE PROBLEM AND CAUSE OF THE PROBLEM	5. IDENTIFICATION OF THE PROBLEM AND CAUSE OF THE PROBLEM
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1. INSTRUMENTAL 2. ETHICAL 3. PROBING	4. EMOTIONAL 5. CONCRETE 6. CONCRETE	7. EMOTIONAL 8. CONCRETE 9. CONCRETE	10. EMOTIONAL 11. CONCRETE 12. CONCRETE

ENVIRONMENTAL LAW & POLICY PRACTICE	ENVIRONMENTAL POLICY & LAW	ENVIRONMENTAL POLICY & LAW	ENVIRONMENTAL POLICY & LAW	APPLIED ENVIRONMENTAL LAW

ENVIRONMENTAL SUSTAINABILITY FORUM	ENVIRONMENTAL SUSTAINABILITY FORUM	ENVIRONMENTAL SUSTAINABILITY FORUM	ENVIRONMENTAL SUSTAINABILITY FORUM	ENVIRONMENTAL SUSTAINABILITY FORUM

1. 1990-1994 2. 1994-1997 3. 1997-1999	4. 1999-2001 5. 2001-2003 6. 2003-2005	7. 2005-2007 8. 2007-2009 9. 2009-2011	10. 2011-2013 11. 2013-2015 12. 2015-2017

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Calibration Record Sheet

Instrument Make: YSI and APERA
Instrument Model: Quatro/ Quatro Plus and TN400
Viewer Serial #: *Lindeman Island.*
Sonde Serial #: *J1228*
Calibrated by: *Fiona Loft*
Date: *22/10/24*

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>4.02</i>
pH		pH units	7.00	<i>7.01</i>
pH		pH units	10.00	<i>/</i>
Temp.	<i>n/a</i>	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	<i>n/a</i>	% sat.	100% sat in air	<i>100% ✓</i>
Turbidity		NTU	0	<i>✓</i>
Turbidity		NTU	20	<i>✓</i>
Turbidity		NTU	100	<i>✓</i>
Turbidity		NTU	400	<i>✓</i>
Turbidity		NTU	800	<i>✓</i>
Visible signs of probe damage/wear/poor condition?			Comments:	
Comments: Signature: <i>Fiona Loft</i> Date: <i>22/10/24</i>				

Environmental
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EXPANDED LARGE FLUORESCENT	EXPANDED SMALL FLUORESCENT	EXPANDED FLUORESCENT FLUORESCENT	EXPANDED FLUORESCENT FLUORESCENT	EXPANDED FLUORESCENT FLUORESCENT

ENVIRONMENTAL SUSTAINABILITY PLANNING	ENVIRONMENTAL SUSTAINABILITY DEVELOPMENT	ENVIRONMENTAL SUSTAINABILITY DEVELOPMENT	ENVIRONMENTAL SUSTAINABILITY DEVELOPMENT

ANALYTICAL EVALUATION PLATFORMS	ENVIRONMENTAL SUPPORTING FUNCTIONS	ENVIRONMENTAL EFFECTS EVALUATION	ECOLOGICAL MONITORING DEVELOPMENT	SPATIAL SCIENCE DEVELOPMENT

ENVIRONMENT & LAND USE
ENERGY
HEALTH
EDUCATION
GENDER EQUALITY

ENVIRONMENTAL
PLANNING
FUNDATION

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ENVIRONMENTAL EVALUATION PLANNING	ENVIRONMENTAL SCANNING	ENVIRONMENTAL IMPACT EVALUATION	ENVIRONMENTAL MANAGEMENT DEVELOPMENT	ENVIRONMENTAL RECONSTRUCTION DEVELOPMENT



Calibration Record Sheet

Instrument Make: YSI and APERA
 Instrument Model: Quatro/ Quatro Plus and TN400
 Viewer Serial #:
 Sonde Serial #:
 Calibrated by: L. Harvey
 Date: 29/11/24

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	4.03
pH		pH units	7.00	7.09
pH		pH units	10.00	9.94
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	2898 @ 26.0°C
DO	n/a	% sat.	100% sat in air	✓
Turbidity		NTU	0	0.02
Turbidity		NTU	20	✓
Turbidity		NTU	100	✓
Turbidity		NTU	400	✓
Turbidity		NTU	800	✓
Visible signs of probe damage/wear/poor condition?			Comments: Nil,	
Comments: N/A Signature: <i>L. Harvey</i> Date: 29/11/24				

ENVIRONMENTAL SUSTAINABILITY PRACTICES	ENVIRONMENTAL SUSTAINABILITY PRACTICES	ENVIRONMENTAL SUSTAINABILITY PRACTICES	ENVIRONMENTAL SUSTAINABILITY PRACTICES	ENVIRONMENTAL SUSTAINABILITY PRACTICES

Page | 1

ENGLISH COURSE LEVEL 1 PLANNING	ENGLISH COURSE LEVEL 2 PLANNING	ENGLISH COURSE LEVEL 3 PLANNING	ENGLISH COURSE LEVEL 4 PLANNING	ENGLISH COURSE LEVEL 5 PLANNING
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ENVIRONMENTAL PLANNING	ENVIRONMENTAL CONSERVATION	ENVIRONMENTAL POLICY & PLANNING	ENVIRONMENTAL CONSERVATION PLANNING	APPLIED ENVIRONMENTAL PLANNING

1. 1990年1月1日 2. 1990年1月1日 3. 1990年1月1日	4. 1990年1月1日 5. 1990年1月1日 6. 1990年1月1日	7. 1990年1月1日 8. 1990年1月1日 9. 1990年1月1日	10. 1990年1月1日 11. 1990年1月1日 12. 1990年1月1日	13. 1990年1月1日 14. 1990年1月1日 15. 1990年1月1日

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EMERGENCY SUPPORT PLANS	EMERGENCY SUPPORT PLANS	EMERGENCY SUPPORT PLANS	EMERGENCY SUPPORT PLANS	EMERGENCY SUPPORT PLANS
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中国环境标志 CHINA ENVIRONMENTAL MARKET 中国环境标志 CHINA ENVIRONMENTAL MARKET	中国环境标志 CHINA ENVIRONMENTAL MARKET 中国环境标志 CHINA ENVIRONMENTAL MARKET	中国环境标志 CHINA ENVIRONMENTAL MARKET 中国环境标志 CHINA ENVIRONMENTAL MARKET	中国环境标志 CHINA ENVIRONMENTAL MARKET 中国环境标志 CHINA ENVIRONMENTAL MARKET	中国环境标志 CHINA ENVIRONMENTAL MARKET 中国环境标志 CHINA ENVIRONMENTAL MARKET
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UNIVERSITY OF SOUTH AFRICA P.O. BOX 16 MIDVALE 2010	ENVIRONMENTAL PROTECTION	ENVIRONMENTAL PROTECTION UNIT P.O. BOX 16 MIDVALE 2010	ENVIRONMENTAL PROTECTION UNIT P.O. BOX 16 MIDVALE 2010	ENVIRONMENTAL PROTECTION UNIT P.O. BOX 16 MIDVALE 2010

AMERICAN SOCIETY OF PLANNING	ENVIRONMENTAL IMPACT STATEMENTS	ENVIRONMENTAL PLANNING COUNCIL OF MICHIGAN	INTERNATIONAL PLANNING INSTITUTE CENTRE FOR PLANNING	APPLIED PLANNING SCIENCE ASSOCIATION

INSTRUMENTAL 6.1 (1992-95) 5.1 (1996-97)	NON-INSTRUMENTAL 6.1 (1992-95) 5.1 (1996-97)	INSTRUMENTAL 6.1 (1992-95) 5.1 (1996-97)	INSTRUMENTAL 6.1 (1992-95) 5.1 (1996-97)	INSTRUMENTAL 6.1 (1992-95) 5.1 (1996-97)

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Calibration Record Sheet

Instrument Make: YSI and APERA
 Instrument Model: Quatro/ Quatro Plus and TN400
 Viewer Serial #: *Lindeman Island*
 Sonde Serial #:
 Calibrated by: *Jana Loft*
 Date: *11.12.24*

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>4.01</i>
pH		pH units	7.00	<i>7.02</i>
pH		pH units	10.00	<i>/</i>
Temp.	<i>n/a</i>	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	<i>n/a</i>	% sat.	100% sat in air	<i>✓</i>
Turbidity		NTU	0	<i>✓</i>
Turbidity		NTU	20	<i>✓</i>
Turbidity		NTU	100	<i>✓</i>
Turbidity		NTU	400	<i>✓</i>
Turbidity		NTU	800	<i>✓</i>

Visible signs of probe damage/wear/poor condition?

Comments:

Comments:

Signature: *J. Loft*

Date: *11/12/24*



CHAIN OF CUSTODY
ALS Laboratory
please tick →

QADELAIDE 21 Birnie Road Poromela SA 5096
Ph: 08 8350 0800 E: qadeelaide@alsglobal.com
328 RIBSANE 32 Shand Street Sturtford QLD 4063
Ph: 07 3243 7222 E: samples.ribbane@alsglobal.com
LIJLI ADSTONE 46 Callenmorda Drive Clinton QLD 4860
Ph: 07 7471 5600 E: gladstone@alsglobal.com

LIWACKAY 78 Hancock Road Mackay QLD 4740
Ph: 07 4514 0177 E: mackay@alsglobal.com
CHMELEBOURNE 54 Westall Road Springvale VIC 3171
Ph: 03 8540 9000 E: samples.melbourne@alsglobal.com
CHMUDGEE 27 Sydney Road Mudgee NSW 2850
Ph: 02 6372 6735 E: mudgee@mail@alsglobal.com

CHNEWCASTLE 6/586 Mulland Rd Mayfield NSW 2304
Ph: 02 4914 2500 E: samples.newcastle@alsglobal.com
CHTOWNSVILLE 14-15 Drama Court Borne QLD 4818
Ph: 07 4780 0600 E: townsville.environmental@alsglobal.com
CHWOLLONGONG 66 Kerry Street Wollongong NSW 2500
Ph: 02 4225 3125 E: portkembla@alsglobal.com

CLIENT: Catchment Solutions
OFFICE: Mackay
Lindeman Island Monthly
ORDER NUMBER:
PROJECT MANAGER: Ben Pearce
SAMPLER: Fiona Loft
COC emailed to ALS? (YES)
Email Reports to: bpearce@catchmentsolutions.com.au
Email Invoice to: accounts@catchmentsolutions.com.au

TURNAROUND REQUIREMENTS :
(Standard TAT may be longer for some tests e.g., Ultra Trace Organics)
ALS QUOTE NO.: EB24CATSOL0001
CONTACT PH: 0485 765 106
SAMPLER MOBILE: 0487 060 276
EDD FORMAT (or default):

Standard TAT (List due date):
Non Standard or urgent TAT (List due date):
COC SEQUENCE NUMBER (Circle)
COC: 1 2 3 4 5 6 7
OR: 1 2 3 4 5 6 7
FOR LABORATORY USE ONLY (Circle)
Custody Seal Intact? Yes No N/A
Free ice / frozen ice bricks present upon receipt? Yes No N/A
Random Sample Temperature on Receipt: °C
Other comment:

RECEIVED BY:
RELINQUISHED BY:
RECEIVED BY:
RELINQUISHED BY:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

LAB ID	SAMPLE ID	DATE / TIME	MATRIX	CONTAINER INFORMATION		ANALYSIS REQUIRED INCLUDING SUITES (NB. Suite Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).					Additional Information	
				TYPE & PRESERVATIVE codes below	TOTAL CONTAINERS (refer to)	TD5, TSS	Nutrients NT-08	NO ₃ , TN, TP, NH ₃ , NO ₂ , UltraTrace Nutrients	NO ₃ , TN, TP, NH ₃ , NO ₂ , UltraTrace Nutrients	Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.		
LIND01		12.12.24 10:30	Water		2		x					
WQ01		12.12.24 8:50	Water		3			x				
WQ02		12.12.24 9:15	Water		3			x				
WQ03		12.12.24 9:30	Water		3			x				
WQ04		12.12.24 9:45	Water		3			x				
WQ05		12.12.24 6:40	Water		3			x				
dwq		12.12.24	Water		2			x				
Lind03		12.12.24 13:15	W		2			x				
Lind05		12.12.24 11:30	W		2			x				
					48							

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airfreight Unpreserved Plastic
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Plastic; H = HCl preserved Plastic; HS = HCl preserved Plastic; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;
Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag.

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INSTRUMENTAL SUPPORT AND POLICY	ENVIRONMENTAL COOPERATION	ENVIRONMENT POLICY AND CAPACITY BUILDING	TECHNICAL SUPPORT AND CAPACITY BUILDING	APPLIED RESEARCH AND ADVANCE
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中国环境标志 CHINA ENVIRONMENTAL MARKING	中国节能标志 CHINA ENERGY SAVING MARK	中国节水标志 CHINA WATER SAVING MARK	中国环境标志 CHINA ENVIRONMENTAL MARKING	中国环境标志 CHINA ENVIRONMENTAL MARKING

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STRONGER SUSTAINABLE PEAKING	ENVIRONMENTAL TECHNOLOGY	ENVIRONMENTAL POLICY (ENVIRONMENTAL)	ENVIRONMENTAL POLICY (ENVIRONMENTAL)	ENVIRONMENTAL POLICY (ENVIRONMENTAL)
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ADMINISTRATIVE STRUCTURE	ENVIRONMENTAL CONSIDERATIONS	IMPLEMENTATION POLICY OR CAPABILITY	TECHNICAL SUPPORT FOR MANAGEMENT CONSIDERATIONS	APPROPRIATE EVALUATION OF PERFORMANCE

Page | 1

14000-000000 SUSTAINABLE PLANNING	14000-000000 ENVIRONMENTAL PROTECTION	14000-000000 POLICY ANALYSIS AND EVALUATION	14000-000000 TECHNICAL DESIGN AND CONSTRUCTION	14000-000000 APPLIED RESEARCH AND DEVELOPMENT

Page | 1

EMERGENCY SITUATION PLANNING	ENVIRONMENTAL CONSERVATION	DISASTER PREVENTION CONTROL	DISASTER RECOVERY CONSTRUCTION	APPLIED RESEARCH TECHNOLOGY DEVELOPMENT

Page | 1

ENVIRONMENTAL & ECONOMIC PLANNING	ENVIRONMENTAL POLICY & TRADE (12) 1000	ETHICAL & SOCIAL RESPONSIBILITY (12) 1000	APPLIED MANAGEMENT & ACCOUNTING

Page | 1

Group 1: Strategic Planning	Group 2: Strategic Planning	Group 3: Strategic Planning	Group 4: Strategic Planning	Group 5: Strategic Planning
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中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label

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Water and Energy Efficiency	Community Climate	Waste and Recycling	Green Buildings	Energy Efficiency

Page | 1

中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label	中国环境标志 China Environmental Label 中国环境标志 China Environmental Label
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1990年12月 1991年1月 1991年2月	1991年3月 1991年4月 1991年5月	1991年6月 1991年7月 1991年8月	1991年9月 1991年10月 1991年11月	1991年12月 1992年1月 1992年2月

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Calibration Record Sheet

Instrument Make: YSI and APERA
 Instrument Model: Quatro/ Quatro Plus and TN400
 Viewer Serial #:
 Sonde Serial #:
 Calibrated by: Emily Gray
 Date: 10/02/2025

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	3.92
pH		pH units	7.00	6.85
pH		pH units	10.00	ver
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	~2880
DO	n/a	% sat.	100% sat in air	84.4%
Turbidity		NTU	0	✓
Turbidity		NTU	20	
Turbidity		NTU	100	
Turbidity		NTU	400	
Turbidity		NTU	800	
Visible signs of probe damage/wear/poor condition?			Comments:	
Comments: Signature: Date:				

Calibration Record Sheet

Instrument Make: YSI and APERA
 Instrument Model: Quatro/ Quatro Plus and TN400
 Viewer Serial #:
 Sonde Serial #:
 Calibrated by: Emily Gray
 Date: 10/3/2025

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	4.00 4.00
pH		pH units	7.00	7.01
pH		pH units	10.00	10.00
Temp.	n/a	°C		na
EC		µS/cm	58000 @ 25°C	58009
DO	n/a	% sat.	100% sat in air	100
Turbidity		NTU	0	0
Turbidity		NTU	20	20
Turbidity		NTU	100	100
Turbidity		NTU	400	400
Turbidity		NTU	800	800
Visible signs of probe damage/wear/poor condition?			Comments:	
Comments: Signature: <i>Emily Gray</i> Date: 10/3/25				

1. ENVIRONMENTAL & SOCIAL (E&S) STANDARDS 	2. ENVIRONMENTAL & SOCIAL (E&S) STANDARDS 	3. ENVIRONMENTAL & SOCIAL (E&S) STANDARDS 	4. ENVIRONMENTAL & SOCIAL (E&S) STANDARDS 	5. ENVIRONMENTAL & SOCIAL (E&S) STANDARDS
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1. 1991年12月1日 2. 1992年12月1日 3. 1993年12月1日	4. 1994年12月1日 5. 1995年12月1日 6. 1996年12月1日	7. 1997年12月1日 8. 1998年12月1日 9. 1999年12月1日	10. 2000年12月1日 11. 2001年12月1日 12. 2002年12月1日	13. 2003年12月1日 14. 2004年12月1日 15. 2005年12月1日

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UNEP UNITED NATIONS ENVIRONMENTAL PROGRAMME	WHO WORLD HEALTH ORGANIZATION	UNESCO UNITED NATIONS EDUCATIONAL SCIENTIFIC CULTURAL ORGANIZATION	WFP WORLD FOOD PROGRAMME	WFP WORLD FOOD PROGRAMME
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Page no 1

ENVIRONMENTAL S.A.S. - 02-2 PLANNING	ENVIRONMENTAL S.A.S. - 02-2 SCHEDULING	ENVIRONMENTAL S.A.S. - 02-2 SCHEDULING	ENVIRONMENTAL S.A.S. - 02-2 SCHEDULING	ENVIRONMENTAL S.A.S. - 02-2 SCHEDULING

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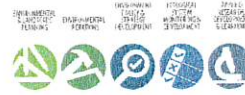
Five circular icons representing different types of development: Economic, Environmental, Social, Cultural, and Human.

ENVIRONMENTAL PLANNING	ENVIRONMENTAL OPERATIONS	ENVIRONMENTAL DEVELOPMENT	ENVIRONMENTAL MONITORING DEVELOPMENT	ENVIRONMENTAL SECURITY

NATIONAL SCIENCE FOUNDATION OFFICE OF THE DIRECTOR 4201 WILSON AVENUE ARLINGTON, VA 22204-3044	DEPARTMENT OF ENERGY OFFICE OF SCIENCE 1305 WILSON AVENUE ARLINGTON, VA 22204-3044	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION OFFICE OF THE DIRECTOR 1200 AERONAUTICS BUILDING WASHINGTON, DC 20546-0001	NATIONAL INSTITUTES OF HEALTH OFFICE OF THE DIRECTOR 101 DEWEY DRIVE BETHESDA, MD 20892-1155
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Lindeman Great Barrier Reef Resort – Water Quality Field Sheet



Site Number: WQ5 - Monthly		Date: 11/3/25	Time: 10:10 am	Job No. J128
Site Location: Marine In front of ramp / Bungalow		Field Team: EG + MS		
In-Situ Water Quality				
Parameter	Unit	Value	Comment	
GPS points			-20.459717 Lat 149.041450 Long	
Water Temperature	°C	28.2		
Dissolved Oxygen	% saturation	59.0		
Dissolved Oxygen	mg/L	3.75		
Conductivity	µs/cm @25°C	60359		
pH	pH unit	7.83		
Turbidity	NTU	20.1		
Secchi ORP	Metres	140.2		
Laboratory Analysis of Water Quality				
Grab Samples Collected	Yes	No	Types (Colours) of bottles collected:	
	☒	1	TSS – 250ml Poly green	
	☒	1	Nutrient TN & TP 1 light green plastic	
	☒	1	Nutrient, (Ultra trace) 1 dark green bottle - FILTERED	
Weather Conditions Today				
Rain	Yes ☐	No ☒	Comments:	
Cloud Cover	Yes ☒	No ☐	Comments:	
Wind	Yes ☒	No ☐	Comments: 10-12 knots	
Comments				
not choppy				

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1990-2000 1990-2000 1990-2000	2000-2010 2000-2010 2000-2010	2010-2020 2010-2020 2010-2020	2020-2030 2020-2030 2020-2030	2030-2040 2030-2040 2030-2040

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【中国】中国 【中国】中国	【中国】中国 【中国】中国	【中国】中国 【中国】中国	【中国】中国 【中国】中国	【中国】中国 【中国】中国

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1996-1997 1998-1999 2000-2001 2002-2003 2004-2005 2006-2007 2008-2009 2010-2011 2012-2013 2014-2015 2016-2017 2018-2019 2020-2021 2022-2023 2024-2025 2026-2027 2028-2029 2030-2031 2032-2033 2034-2035 2036-2037 2038-2039 2040-2041 2042-2043 2044-2045 2046-2047 2048-2049 2050-2051 2052-2053 2054-2055 2056-2057 2058-2059 2060-2061 2062-2063 2064-2065 2066-2067 2068-2069 2070-2071 2072-2073 2074-2075 2076-2077 2078-2079 2080-2081 2082-2083 2084-2085 2086-2087 2088-2089 2090-2091 2092-2093 2094-2095 2096-2097 2098-2099 2100-2101 2102-2103 2104-2105 2106-2107 2108-2109 2110-2111 2112-2113 2114-2115 2116-2117 2118-2119 2120-2121 2122-2123 2124-2125 2126-2127 2128-2129 2130-2131 2132-2133 2134-2135 2136-2137 2138-2139 2140-2141 2142-2143 2144-2145 2146-2147 2148-2149 2150-2151 2152-2153 2154-2155 2156-2157 2158-2159 2160-2161 2162-2163 2164-2165 2166-2167 2168-2169 2170-2171 2172-2173 2174-2175 2176-2177 2178-2179 2180-2181 2182-2183 2184-2185 2186-2187 2188-2189 2190-2191 2192-2193 2194-2195 2196-2197 2198-2199 2200-2201 2202-2203 2204-2205 2206-2207 2208-2209 2210-2211 2212-2213 2214-2215 2216-2217 2218-2219 2220-2221 2222-2223 2224-2225 2226-2227 2228-2229 2230-2231 2232-2233 2234-2235 2236-2237 2238-2239 2240-2241 2242-2243 2244-2245 2246-2247 2248-2249 2250-2251 2252-2253 2254-2255 2256-2257 2258-2259 2260-2261 2262-2263 2264-2265 2266-2267 2268-2269 2270-2271 2272-2273 2274-2275 2276-2277 2278-2279 2280-2281 2282-2283 2284-2285 2286-2287 2288-2289 2290-2291 2292-2293 2294-2295 2296-2297 2298-2299 2300-2301 2302-2303 2304-2305 2306-2307 2308-2309 2310-2311 2312-2313 2314-2315 2316-2317 2318-2319 2320-2321 2322-2323 2324-2325 2326-2327 2328-2329 2330-2331 2332-2333 2334-2335 2336-2337 2338-2339 2340-2341 2342-2343 2344-2345 2346-2347 2348-2349 2350-2351 2352-2353 2354-2355 2356-2357 2358-2359 2360-2361 2362-2363 2364-2365 2366-2367 2368-2369 2370-2371 2372-2373 2374-2375 2376-2377 2378-2379 2380-2381 2382-2383 2384-2385 2386-2387 2388-2389 2390-2391 2392-2393 2394-2395 2396-2397 2398-2399 2400-2401 2402-2403 2404-2405 2406-2407 2408-2409 2410-2411 2412-2413 2414-2415 2416-2417 2418-2419 2420-2421 2422-2423 2424-2425 2426-2427 2428-2429 2430-2431 2432-2433 2434-2435 2436-2437 2438-2439 2440-2441 2442-2443 2444-2445 2446-2447 2448-2449 2450-2451 2452-2453 2454-2455 2456-2457 2458-2459 2460-2461 2462-2463 2464-2465 2466-2467 2468-2469 2470-2471 2472-2473 2474-2475 2476-2477 2478-2479 2480-2481 2482-2483 2484-2485 2486-2487 2488-2489 2490-2491 2492-2493 2494-2495 2496-2497 2498-2499 2500-2501 2502-2503 2504-2505 2506-2507 2508-2509 2510-2511 2512-2513 2514-2515 2516-2517 2518-2519 2520-2521 2522-2523 2524-2525 2526-2527 2528-2529 2530-2531 2532-2533 2534-2535 2536-2537 2538-2539 2540-2541 2542-2543 2544-2545 2546-2547 2548-2549 2550-2551 2552-2553 2554-2555 2556-2557 2558-2559 2560-2561 2562-2563 2564-2565 2566-2567 2568-2569 2570-2571 2572-2573 2574-2575 2576-2577 2578-257

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1990年10月1日 1990年10月1日 1990年10月1日	1990年10月1日 1990年10月1日 1990年10月1日	1990年10月1日 1990年10月1日 1990年10月1日	1990年10月1日 1990年10月1日 1990年10月1日	1990年10月1日 1990年10月1日 1990年10月1日

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Environmental Literacy Program	Organization	Duration of Program (Years)	Geographical Scope (Countries)	Number of People Reached

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Lindeman Great Barrier Reef Resort – Water Quality Field Sheet



Site Number: Lind01 - Monthly		Date: 25/03/25	Time: 7.20	Job No. J1228
Site Location: Sample at Dam		Field Team: EG + FL		
In-Situ Water Quality				
Parameter	Unit	Value	Comment	
GPS Points				
Water Temperature	°C	25.4		
Dissolved Oxygen	% saturation	20.2		
Dissolved Oxygen	mg/L	1.66		
Conductivity	µs/cm @25°C	88.6		
pH	pH unit	5.89		
Turbidity	NTU	27.8		
Laboratory Analysis of Water Quality				
Grab Samples Collected	Yes	No	Types (Colours) of bottles collected:	
		1	TSS – 250ml Bottle	
		1	Nutrient 1 purple plastic	
Weather Conditions Today				
Rain	☐ Yes	☒ No	Comments:	
Cloud Cover	☒ Yes	☐ No	Comments:	
Wind	☐ Yes	☒ No	Comments:	
Comments				
Dup / Triplicate				

Calibration Record Sheet

Instrument Make: YSI and APERA
 Instrument Model: Quatro/ Quatro Plus and TN400
 Viewer Serial #: *Lindeman*
 Sonde Serial #: *Fiona Loft*
 Calibrated by: *25/3/25*
 Date:

Parameter	Calibration Standard Expiry Date:	Units	Calibration Results	
			Standard Value	Measured Value after calibrations
pH		pH units	4.00	<i>4.02</i>
pH		pH units	7.00	<i>7.01</i>
pH		pH units	10.00	<i>10.00</i>
Temp.	n/a	°C		
EC		µS/cm	2760 @ 25°C	<i>2760</i>
DO	n/a	% sat.	100% sat in air	<i>100%</i>
Turbidity		NTU	0	<i>✓</i>
Turbidity		NTU	20	<i>✓</i>
Turbidity		NTU	100	<i>✓</i>
Turbidity		NTU	400	<i>✓</i>
Turbidity		NTU	800	<i>✓</i>
Visible signs of probe damage/wear/poor condition?			Comments:	
Comments: Signature: <i>A Loft</i> Date: <i>25/3/25</i>				



CS/DUNE 277-280 Woodport Road Smithfield NSW 2142
 Ph: 02 978-8555 E: samples@rhes@austliad.com
 11 CHANNVILLE 14-15 Dunes Court Bohle QLD 4416
 Ph: 07 476 0650 E: rhes@environmental@bigpond.com
 DMOJONGONG 98 Karmy Street Wollongong NSW 2502
 Ph: 02 4225 3123 E: portham@rhes@austliad.com

FOR LABORATORY USE ONLY (Circle)

Cuready Seal Intact?

Practice, not only on clinic, please, up to receipt?

Random Sample Temperature on Receipt

Other comment: _____

RECEIVED BY:

Age Group	Percentage of Respondents
18-29	85%
30-49	80%
50-69	75%
70+	70%

DA;E;INLE;

100

Additional Information

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Logo	Organization	Website	Phone	Address
	AMERICAN SOCIETY OF HUMAN GENETICS	www.ashg.org	202-462-4800	11 Dupont Circle NW, Washington, DC 20036
	AMERICAN SOCIETY OF HUMAN GENETICS	www.ashg.org	202-462-4800	11 Dupont Circle NW, Washington, DC 20036
	AMERICAN SOCIETY OF HUMAN GENETICS	www.ashg.org	202-462-4800	11 Dupont Circle NW, Washington, DC 20036
	AMERICAN SOCIETY OF HUMAN GENETICS	www.ashg.org	202-462-4800	11 Dupont Circle NW, Washington, DC 20036
	AMERICAN SOCIETY OF HUMAN GENETICS	www.ashg.org	202-462-4800	11 Dupont Circle NW, Washington, DC 20036

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Logo	Organization	Website	Phone	Address
	厚生労働省 Ministry of Health, Labour and Welfare of Japan	http://www.mhlw.go.jp	03-3526-3531	1-1-1 Higashi 1-chome, Chiyoda-ku, Tokyo 100-8916, Japan
	労働安全衛生学会 Japanese Society for Occupational Health and Safety	http://www.jsohs.jp	03-3526-3531	1-1-1 Higashi 1-chome, Chiyoda-ku, Tokyo 100-8916, Japan
	労働安全衛生学会 Japanese Society for Occupational Health and Safety	http://www.jsohs.jp	03-3526-3531	1-1-1 Higashi 1-chome, Chiyoda-ku, Tokyo 100-8916, Japan
	労働安全衛生学会 Japanese Society for Occupational Health and Safety	http://www.jsohs.jp	03-3526-3531	1-1-1 Higashi 1-chome, Chiyoda-ku, Tokyo 100-8916, Japan
	労働安全衛生学会 Japanese Society for Occupational Health and Safety	http://www.jsohs.jp	03-3526-3531	1-1-1 Higashi 1-chome, Chiyoda-ku, Tokyo 100-8916, Japan

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12月20日(土) 14:00 12月21日(日) 10:00 12月22日(月) 10:00	12月23日(火) 14:00 12月24日(水) 10:00 12月25日(木) 10:00	12月26日(金) 14:00 12月27日(土) 10:00 12月28日(日) 10:00	12月29日(月) 14:00 12月30日(火) 10:00 12月31日(水) 10:00	12月31日(水) 14:00 12月31日(水) 10:00 12月31日(水) 10:00

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The logos are arranged in a horizontal row. From left to right, they are: a green circle with a white book icon (Education), a green circle with a white leaf icon (Environment), a blue circle with a white heart icon (Health), a blue circle with a white running figure icon (Sports), and a blue circle with a white gear icon (Labour).

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ENVIRONMENTAL FOODS FARMING	ENVIRONMENTAL FOODS FARMING	ENVIRONMENTAL FOODS FARMING	ENVIRONMENTAL FOODS FARMING	ENVIRONMENTAL FOODS FARMING

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EXPLORE THE WORLD OF GEOGRAPHY	DISCOVER THE WORLD OF SCIENCE	EXPLORE THE WORLD OF HISTORY	EXPLORE THE WORLD OF ARTS	EXPLORE THE WORLD OF SPORTS
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LINDERMAN SAMPLING CHEAT SHEET

- Duplicates and Triplicates:
 - Taken at LIND01 as the nutrients are not high enough in the marine samples
- Sample storage:
 - Only MARINE ULTRATRACE samples are to be frozen; other marine samples in the fridge
 - These ultratrace samples are to be frozen EVERY TRIP before they are to be delivered to ALS
 - Do not freeze land/pitfall samples

Locations of land-based samples:

- Lind01 – Dam
- Lind02 – Next to airport strip on the right-hand side. Need to walk over a small 'bump'. Location is marked by flagging tape along the path and located on the right-hand side of the creek bed.
- Lind03 – Use the tender to pull into an inlet. Walk over the rocks to find the sampling location. It is a small scramble, but the location is obvious. There is only one path, which leads to the pitfall sampler.
- Lind04 – To the right-hand side of the jetty.
- Lind05 – Walk along the beach. The location is marked by a very distinct, square boulder. Turn towards the vegetation and the location should be marked by two spikey looking trees.
- Lind06 – Walk to the very right-hand side of the beach. Scramble up some rocks and the sampler is located behind a fallen tree which looks like a bridge.



CHAIN OF CUSTODY

CHARTERED 21 Burns Road, Perth, SA 5036
Ph: 08 9350 0000 E: info@als.com.au
REGISTRATION 22 Standard Street, Stafford QLD 4053
Ph: 07 3243 7222 E: samples@als.com.au
ULTRA TRACE ONE 40 Callaghan Drive, Stafford QLD 4053
Ph: 07 3243 7222 E: ultra@als.com.au

CHARTERED 78 Havelock Road, Mackay QLD 4740
Ph: 07 4044 0177 E: mackay@als.com.au
CHARTERED 2-4 Woodall Road, Springvale VIC 3171
Ph: 03 8580 1200 E: samples@als.com.au
LIMDOGE 27 Sydney Road, Limoges NSW 2850
Ph: 02 6972 0728 E: limoges@als.com.au

CHARTERED 1000 Mainland Rd, Wyndham VIC 3204
Ph: 03 4611 2500 E: samples@als.com.au
CHARTERED 413 Oakley Place, North Melbourne VIC 3041
Ph: 03 9242 1200 E: melbourne@als.com.au
CHARTERED 1100 West Way, Wollongong NSW 2500
Ph: 02 8209 7655 E: samples@als.com.au

CHARTERED 277-280 Wyndham Road, Southport NSW 2764
Ph: 02 8784 8555 E: samples@als.com.au
CHARTERED 14-15 Deane Court, Baulk Hills NSW 2816
Ph: 02 4760 0000 E: baulk@als.com.au
CHARTERED 60 Kerry Street, Wollongong NSW 2500
Ph: 02 4225 3125 E: potham@als.com.au

TURNAROUND REQUIREMENTS:

(Standard TAT may be longer for some tests e.g. Ultra Trace Organics)

ALS QUOTE NO.: EB24CATSOL0001

CONTACT PH: 0487 765 106

SAMPLER MOBILE: 0487 060 276

EDD FORMAT (or default):

RELINQUISHED BY: DATE/TIME: 7.4.25

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

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RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

FOR LABORATORY USE ONLY (Circle)

Custody Seal Intact? Yes No N/A

Free ice / frozen ice bricks present upon receipt? Yes No N/A

Random Sample Temperature on Receipt: °C

Other comment:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

RELINQUISHED BY: DATE/TIME:

RECEIVED BY: DATE/TIME:

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ALS USE	SAMPLE DETAILS MATRIX: SOLID (S) WATER (W)	CONTAINER INFORMATION	ANALYSIS REQUIRED including SITES AND Suite Codes must be listed to attach suite price) Where Matrix is required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).	Additional Information
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LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE (codes below)	(refer to)	TOTAL CONTAINERS	OP Pesticides	TDS, TSS	Nutrients NT-08	Ultratrace Nutrients TN, TP, NH3, NO2, NO3, Reactive P	Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.
LIND01		03-04-25 13.50	Water				x	x	x		
LIND02		03-04-25 13.30	Water				x	x	x		
LIND03		03-04-25 15.20	Water				x	x	x		
LIND04		03-04-25 15.00	Water				x	x	x		
LIND05		03-04-25 16.15	Water				x	x	x		
LIND06		03-04-25 15.45	Water				x	x	x		
DW14		03-04-25	Water				x	x	x		
WQ1		03-04-25 15.20	Water				x	x	x		
WQ2		03-04-25 16.00	Water				x	x	x		
WQ3		03-04-25 16.45	Water				x	x	x		
WQ4		03-04-25 16.30	Water				x	x	x		
WQ5		03-04-25 15.10	Water				x	x	x		

Water Containing Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORG = Nitric Preserved ORG; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airfreight Unpreserved Plastic
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulfate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl Preserved Plastic; HS = HCl Preserved Specimen bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass.
Z = Zinc Aspartate Preserved Bottle; E = EDTA Preserved Bottle; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulfuric Solids; B = Unpreserved Bag.



Request for Laboratory Testing & Chain of Custody

102.

MRC Laboratory
89 Connors Road, Paget
ABN: 56 240 712 069
Phone 07 4961 9042
labenquiries@mackay.qld.gov.au

CLIENT DETAILS

Client	
<u>Catchment Solutions</u>	
Contact	<u>Ben Pearce</u>
Address	<u>4/85 Gordon Street, Mackay QLD 4740</u>
Email	<u>bpearce@catchmentsolutions.com.au</u>
Email Invoice to <u>accounts@catchmentsolutions.com.au</u>	
<i>if different to report</i>	
Project ID	<u>J1228</u>
Site	<u>Lindeman Island</u>
Email	<u>bpearce@catchmentsolutions.com.au</u>
Report	<u>To</u>
Purchase Order	
Job No (MRC Clients)	<u></u>
Results Required By	<u></u>
Date	<u></u>
Urgent TAT Requested	<u></u>

Urgent TAT fee may apply, please contact lab

Sample Information

Sample No.	Sample Description	Date Sampled	Time Sampled	Matrix (Water/Soil)	Grab Composite	Sample Bottles
E.g.	Tank 1	13-03-20	7:10am	Water	Grab	R, ST
1	WQ1	3/4/25	15:20	Water		
2	WQ2	3/4/25	16:00	Water		
3	WQ3	3/4/25	16:45	Water		
4	WQ4	3/4/25	16:30	Water		
5	WQ5	3/4/25	15:10	Water		
6	DW14	3/4/25	13:50	Water		
7	Linde01	3/4/25	13:50	Water		
8	Linde02	3/4/25	13:30	Water		
9	Linde03	3/4/25	15:20	Water		
10	Linde04	3/4/25	16:15	Water		

CHAIN OF CUSTODY

Sampler <u>Franz Loch</u>		Samples Received By <u>Kunzle Bay 25</u>	
Mobile Phone <u>0487 060 276</u>		Name <u> </u>	
Samples Relinquished By <u> </u>		Sign <u> </u>	
Name <u>Franz Loch</u>		Date <u>4/14/25</u>	
Sign <u>fr. Loch</u>		Time <u>10:55</u>	
Room Temp / Chilled / Frozen <u> </u>		Condition Received <u> </u>	
Samples are to be kept chilled once collected and delivered to the laboratory within 24 hours.			

Tests Required including Suites

[illegible]

Bottle Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, H = HCl preserved Plastic, SP = Sulfuric Preserved Plastic, ST = Sterile Bottle, AG = Amber Glass Unpreserved

Please contact the laboratory on 07 4961 9042 for sample bottles or advice on the appropriate analyses for your samples.

Request for Laboratory Testing & Chain of Custody

MRC Laboratory
89 Connors Road, Pager
ABN: 56 240 712 069
Phone 07 4961 9042
labenquiries@mackay.qld.gov.au

CLIENT DETAILS

Client Catchment Solutions
Contact Ben Pearce Phone 0488 765 106
Address 4/85 Gordon Street, Mackay Qld 4740
Email bpearce@catchmentsolutions.com.au
Email Invoice to accounts@catchmentsolutions.com.au
If different to report

Project ID J1228 Purchase Order
Site Lindeman Island Job No (MRC Clients)
Email bpearce@catchmentsolutions.com.au Results Required By
Report Urgent TAT Requested
To
Reports will be emailed to Primary Contact by default Urgent TAT fee may apply, please contact lab

Sample Information

Sample No.	Sample Description	Date Sampled	Time Sampled	Matrix (Water/Soil)	Grab/ Composite	Sample P, ST	E.g. pH or Anions	Faecal Coliforms	Heterotrophic Plate Count	Total Coliforms	E. Coli	Notes
E.g. Tank 1		19-03-20	7:10am	Water	Grab							
1	Linde05	3/4/25	16:15	Water				X	X	X	X	
2	Linde06	3/4/25	16:15	Water				X	X	X	X	
3												
4												
5												
6												
7												
8												
9												
10												

Bottle Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, H = HCl preserved Plastic, SP = Sulfuric Preserved Plastic, ST = Sterile Bottle, AG = Amber Glass Unpreserved
Please contact the laboratory on 07 4961 9042 for sample bottles or advice on the appropriate analyses for your samples.

CHAIN OF CUSTODY

Sampler Mobile Phone Samples Relinquished By Name Sign Date Time		Lab Use Only Samples Received By Name Sign Date Time Condition Received Room Temp / Chilled / Frozen Samples are to be kept chilled once collected and delivered to the laboratory within 24 hours.		LIMS Batch No.
From Log 1 07 4961 9042 10:55		Kystel Bryant 4/4/25 10:55		