



# CHAIN OF CUSTODY

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CLIENT: DEPWAT

OFFICE:

24-26 Tivoli St, Legana, SA 5010

PROJECT: HCHG

PROJECT MANAGER: Frank Morgan

SAMPLER: Josh Carter

COC emailed to ALS? (YES / NO)

Email Reports to:

Email Invoice to:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

TURNAROUND REQUIREMENTS:

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

ALS QUOTE: AD/052/20 V2

ORDER NO.:

CONTACT PH: 08228356481

SAMPLER MOBILE: 0845731700

EDD FORMAT (or default):

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

DATE/TIME:

Standard TAT (List due date):

Non Standard or urgent TAT (List due date):

COC SEQUENCE NUMBER (Circle)

1 2 3 4 5 6 7

OFF: 1 2 3 4 5 6 7

RECEIVED BY:

DATE/TIME:

RELINQUISHED BY:

DATE/TIME:

FOR LABORATORY USE ONLY (Circle)

Custom Seal Intact?

Free Ice / frozen ice packs present upon receipt?

Random Sample Temperature on Receipt?

Other comment:

RECEIVED BY:

DATE/TIME:

Additional Information

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

LAB ID

SAMPLE ID

DATE / TIME

MATRIX

TYPE & PRESERVATIVE (refer to codes below)

TOTAL CONTAINERS

Chloride, Total Alkalinity, Turbidity

Total Dissolved Solids

Reactive Silica

DOC, TOC

Nutrients (NT-8A)

Chlorophyll

Total Algae

Murray Mouth

16/08/24 10:15

W

P, SP, SV

6

X

X

X

X

X

X

X

US Tauwiche

16/08/24 09:15

W

P, SP, SV

6

X

X

X

X

X

X

X

DS Tauwiche

10/08/24 09:15

W

P, SP, SV

6

X

X

X

X

X

X

X

Mark Point

16/08/24 08:40

W

P, SP, SV

6

X

X

X

X

X

X

X

Long Point

16/08/24 07:50

W

P, SP, SV

6

X

X

X

X

X

X

X

Noonameena

16/08/24 18:20

W

P, SP, SV

6

X

X

X

X

X

X

X

Bonneys

16/08/24 17:45

W

P, SP, SV

6

X

X

X

X

X

X

X

McGrath Flat North

16/08/24 17:10

W

P, SP, SV

6

X

X

X

X

X

X

X

Pamla Point

16/08/24 16:00

W

P, SP, SV

6

X

X

X

X

X

X

X

Villa de Yumpa

16/08/24 15:00

W

P, SP, SV

6

X

X

X

X

X

X

X

Telephone: +61-8-8649 9600



Environmental Division  
Melbourne  
Work Order Reference  
EM2115784

Received: 11/8/2024 Carrier: TMT  
Cnote: 485516646654  
Temp: 6.1 °C Seal: Y N

ICG/ Icebricks / N/A

TWA

Water Container Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, ORC = Nitric Preserved ORC, SH = Sodium Hydroxide Preserved Plastic, AG = Amber Glass Unpreserved Plastic, AP = Airtight Unpreserved Plastic, V = VOA Vial HCl Preserved, VB = VOA Vial Sodium Disphosphate Preserved, VS = VOA Vial Sulfuric Preserved, AV = Airtight 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 Acetate Preserved Bottle, E = EDTA Preserved Bottles, ST = Sterile Bottle, ASS = Plastic Bag for Acid Substrate Solids, B = Unpreserved Bag.



# CHAIN OF CUSTODY

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Ph: 02 4225 3123 E: [portmoresby@alsglobal.com](mailto:portmoresby@alsglobal.com)

CLIENT: DEFWAT  
OFFICE:

TURNAROUND REQUIREMENTS:  
☒ Standard TAT (list due date):  
☐ Non Standard or urgent TAT (list due date):

FOR LABORATORY USE ONLY (Circle)  
Custody Seal intact? ☒ Yes ☐ No ☐ NA  
Free ice / frozen ice packs present upon receipt? ☒ Yes ☐ No ☐ NA  
Random Sample Temperature on Receipt: ☒ C ☐ F

PROJECT:

ORDER NO.:

COC SEQUENCE NUMBER (Circle)  
COC: 1 2 3 4 5 6 7  
OF: 1 2 3 4 5 6 7

Other comment:

PROJECT MANAGER:

CONTACT PH:

SAMPLER:

SAMPLER MOBILE:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

COC emailed to ALS? (YES / NO)

EDD FORMAT (or default):

Email Reports to:

DATE/TIME:

DATE/TIME:

DATE/TIME:

Email Invoice to:

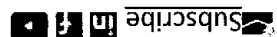
DATE/TIME:

DATE/TIME:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALS USE	SAMPLE DETAILS		CONTAINER INFORMATION		ANALYSIS REQUIRED including SUTES (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
	MATRIX: SOLID (S) WATER (W)												
LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE (refer to codes below)	TOTAL CONTAINERS	Chloride, Total Alkalinity, Turbidity	Total Dissolved Solids	Reactive Silica	DOC, TOC	Nutrients (NT-8A)	Chlorophyll	Total Algae	
11	Stony Well	06/08/12 1455	W	P, SP, SV	6	X	X	X	X	X	X	X	
12	North Jacks Point	06/08/12 1420	W	P, SP, SV	6	X	X	X	X	X	X	X	
13	South Policeman Point	06/08/12 1400	W	P, SP, SV	6	X	X	X	X	X	X	X	
14	Snipe Point	06/08/12 1340	W	P, SP, SV	6	X	X	X	X	X	X	X	
15	Morella Basin @ outlet regulator	06/08/12 1405	W	P, SP, SV	6	X	X	X	X	X	X	X	
16	Morella Creek @ gauge	06/08/12 1350	W	P, SP, SV	6	X	X	X	X	X	X	X	
17	Salt Creek Outlet	06/08/12 1305	W	P, SP, SV	6	X	X	X	X	X	X	X	
18	1.8km west of Salt Creek	06/08/12 1325	W	P, SP, SV	6	X	X	X	X	X	X	X	
19	3.2km south of Salt Creek (land)	06/08/12 1320	W	P, SP, SV	6	X	X	X	X	X	X	X	
20	Tilley Swamp Drain US Morella	06/08/12 1435	W	P, SP, SV	6	X	X	X	X	X	X	X	
21	Tilley Swamp Outlet drain	06/08/12 1505			2					X			100% 300ml bottle x 2
22	Tilley Swamp DIS N <sup>th</sup> outlet	06/08/12 1520			2					X			100% 300ml bottle x 2
					TOTAL	60	10	10	10	10	10	10	

Water Container Codes: P = Unpreserved Plastic, N = Nitric Preserved Plastic, ORC = Nitric Preserved ORC, SH = Sodium Hydroxide Preserved Plastic, AG = Amber Glass Unpreserved, AP = Airfreight Unpreserved Plastic, V = VOA Via HCl Preserved, VS = VOA Via Sodium Bisulfate Preserved, VS = VOA Via Sulfuric Preserved, AV = Airfreight Unpreserved Vial/GS = 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 Sulphate Solids, B = Unpreserved Bag



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EnviroMail™ 131 – Important Changes to the Australian Standard Leaching Procedures AS4439.2 & AS4439.3



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From: Morris, Darcy (DEWNR) <Darcy.Morris@sa.gov.au>

Sent: Wednesday, 11 August 2021 10:06 AM

To: Kieren Burns <kieren.burns@alsglobal.com>

Cc: Mangeruca, Frank (DEW) <Frank.Mangeruca@sa.gov.au>; Madigan, Stephen (DEW)

<Stephen.Madigan@sa.gov.au>

Subject: Re: [EXTERNAL] - Extra two sites for laboratory analysis [DLM=For-Official-Use-Only]

Hi Kieren,

Thanks for your time this morning. As per our phone conversation, just confirming that we will be able

to generate a separate invoice for the testing of the additional two sites **Tilley Swamp Watercourse outlet**, **Tilley Swamp D/S Northern outlet** and forward to [Stephen.Madigan@sa.gov.au](mailto:Stephen.Madigan@sa.gov.au).

With regard to the restricted parameters you mentioned given the sample types/sizes,

If you could please send me through an email detailing what could not be performed due to these conditions when possible I can then forward onto the appropriate channels.

With thanks,

D'Arcy

From: Kieren Burns <kieren.burns@alsglobal.com>  
Sent: Tuesday, 10 August 2021 6:07 AM

To: Morris, Darcy (DEWNR) <Darcy.Morris@sa.gov.au>

Cc: Mangeruca, Frank (DEW) <Frank.Mangeruca@sa.gov.au>

Subject: RE: [EXTERNAL] - Extra two sites for laboratory analysis [DLM=For-Official-Use-Only]

Hi Darcy,

Does the testing of these two samples have to be done separately to the rest and thus invoiced separately as well?


If not we can just include it on the main report with the other samples and include those costs in the final invoice.







Also there will be issues with the testing required and the bottles that have been submitted. TOC and DOC as well as the nutrients require separate sulphuric preserved containers. If not provided in these then they will have short hold times or be non-compliant.

If these parameters are compromised then do you still want us to test them?

Regards

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**EnviroMail™ 131** – Important Changes to the Australian Standard Leaching Procedures AS4439.2 & AS4439.3



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**From:** Morris, Darcy (DEWNR) <Darcy.Morris@sa.gov.au>  
**Sent:** Tuesday, 10 August 2021 3:28 PM

**To:** Kieren Burns <kieren.burns@alsglobal.com>

**Cc:** Mangeruca, Frank (DEW) <Frank.Mangeruca@sa.gov.au>

**Subject:** [EXTERNAL] - Extra two sites for laboratory analysis [DLM=For-Official-Use-Only]

**CAUTION:** This email originated from outside of ALS. Do not click links or open attachments unless you recognize the sender and are sure content is relevant to you.

**For Official Use Only**

Hi Kieren,

I am just contacting you regarding the Healthy Coorong Healthy Basin WQ samples that your team usually sample and return the results to us here at WRMU monthly.

This run just finished (9/10/ August) has enclosed in the Esky and on the COC two extra sample sites with **2X 350ml** water bottles for each site. **1 filtered 1 unfiltered**, labelled accordingly.

They are

**Tilley swamp watercourse outlet**  
**8**

**Tilley swamp D/5 northern outlet**

These are sites that we used to collect from some time ago and have been re added to this run due to a localised flow event. Our group is aware that there will be an extra cost for testing these and our prepared to pay on a separate invoice if you could please organise generation of that. They are after testing for the following parameters and **ONLY** the parameters highlighted in red below which I understand you normally test for,

9. Ammonia as N (mg/L)
11. Chlorophyll (µg/L)
12. Dissolved Organic Carbon (mg/L)
13. Oxidised Nitrogen – Nitrite and Nitrate (mg/L)
14. Total Nitrogen (mg/L)
15. Total Phosphorus (mg/L)
16. Filterable Reactive Phosphorus (mg/L)
17. Reactive Silica (mg/L)
18. TKN as Nitrogen (mg/L)
19. Total Dissolved Solids (mg/L)
20. Total Organic Carbon (mg/L)

With regard to the new invoice for the two additional sites, if you can please forward to myself and Stephen.Madigan@sa.gov.au and he will arrange payment asap.

Please give me a call on 0437 299 362 if you have any queries and I can chase them up for you.

D'Arcy Morris

Hydrographer  
Resource Monitoring Unit | Water and River Murray Division  
Department for Environment and Water  
P (08) 8303 2347  
M 0437 299 362  
24-26 Tikalara street Regency Park SA 5010

WORKORDER NO: EM

SAMPLE RECEIPT INFORMATION & BOTTLE MAP

To Be completed by Sample Log In Clerk									
WFO Log in Details		DATE/TIME		INITIAL		Receipt Conditions			
Sorting Commenced:						Cooler Temp		Cooler Seal	
Pre-logged:						Ice In Bag / Frozen / Melted		Ice Bricks: Frozen / Thawed	
Logged:						Not Chilled		None	
Time placed in fridge:						Foam Esly		By Hand	
Total Time:						Con-note Number:		Box / Bag	
TURNAROUND APPROVED FOR: 24Hrs 48Hrs 3Days 4Days Std									
Approved By:									
Miscellaneous Bottle(s): Plastic Tin Glass									
Specify Preservative:									
Specify Volume:									
ALS Colour:									
Non-ALS Container? (to be highlighted on bottle map)									
F on lid for Red/Green bottle(s):									
Sampling date not on sample(s):									
Soil bags frozen on receipt:									
Samples located in contamination box (please list samples)									
PO Number Requested:									
Temperature Sent:									

6.4/6.8

28 red

Hold batch created in LIMS / Angel by: date:

Sample Receipt Advice Comments - To be Completed by Sorting Staff			
Carrier Details		Packaging	
Cooler Temp		Cooler Seal	
Chilling Process		By Hand	
Ice In Bag / Frozen / Melted		Ice Bricks: Frozen / Thawed	
Not Chilled		None	
Foam Esly		By Hand	
Con-note Number:		Box / Bag	
All client communication to be written on the COC			
Sample Receipt			
Metals bottle received unspecified - appears (circle)			
Filtered Unfiltered Indiscernible			
Spilt batch of EM			
Due to			
Work Order Creation BP ONLY Completed			
Commital BP ONLY Completed			
DATE TIME		DATE TIME	
INITIALS		INITIALS	

Samples Received Without Paperwork on / / @ :