

CLIENT: DEPWAT

PROJECT: XX CXC

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

Non Standard or urgent TAT (List due date)

Standard TAT (List due date):

AD/052/20 V2

TURNAROUND REQUIREMENTS:

ROJECT MANAGER:

Email Invoice to:

ALS USE

Email Reports to

COC emailed to ALS? ( YES / NO)

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CONTACT PH:

ORDER NO.: ALS QUOTE: CUSTODY **CHAIN OF** 

ALS Laboratory please tick → □BRISBANE 32 Shand Street Stafford OLD 4053 Ph. 07 3243 722E: samples birtshane@alsglobal.com □GLADSTONE 46 Callemordsh. Drive Ortaon OLD 4680 Ph. 07 7471 5500 E: gladstone@alsglobal.com CADELAIDE U3/1 Burma Road Poorata SA 5095 Ph: 08 6162 5130 E: adelaide@alsglobal.com

IMELBOURNE 2-4 Westall Road Springrale VIO 317/IDNOWPA 4/13 Geary Flace North Now1a NSW 254 Fth 03 8549 9600E; samples melbourne@alsglobal coRF: 024423 2063 E; now1a@alsglobal com

DMUDGEE 27 Sydney Road Mudgee NSW 2850 Ph. 02 6372 6735E mudgee mak@alsglobal.com IDPERTH 10 Hod Way Malaga WA 6090
Ph. 08 9209 7655 E: samples perth@alsglobal.com

CIMACKAY 78 Heibour Road Maekey OLD 4740 디어토VICAS ILE 5 Rose Gum Road Warabrook NSW 2014 Ph. 07 4944 0117 E: martay@askqlobal.com Ph. 02 4968 9433 E. samples newcaste@askglobal.com

SWOLLONGONG 99 Kenny Street Wollongong NSW 2500 Ph: 02 4225 3125 @: portkembla@afeglohal.com

BY BY AND 22 259 Woodpark Road Smithfeld NSW 2164 i<mark>∰.</mark> £ 14-15 Desma Court Boble QLD 4818 5 0600 E. tovmesville.environmental@atsglobal.com

DATE/TIME RELINQUISHED BY: Other comment Random Sample Temperature on Receipt receip(? Free ice / frozen ice bricks present upon. FOR LABORATORY USE ONLY (Circle) Custody Seal Intact? DATE/TIME RECEIVED BY: NO. No

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: Murray Mouth SAMPLE ID SAMPLE DETAILS MATRIX SOLID (S) WATER (W) 1200 DATE / TIME 000 ٤ MATRIX TYPE & PRESERVATIVE (refer to codes below) CONTAINER INFORMATION P, SP, SV TOTAL ø CONTAINERS Chloride, Total Alkalinity, Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite price) Turbidity Total Dissolved Solids DOC, TOC Nutrients (NT-8A) × Chlorophyll Total Algae × **Environmental Division** analysis etc. Comments on likely contaminant levels, dilutions, or samples requiring specific QC Additional Information

LAB ID

DS Tauwitchere

12 SS 12 10/2010

39/15

P, SP, SV

P, SP, SV

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US Tauwitchere

Mark Point

Melbourne Work Order Reference EM2115784

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Telephone: +61-3-6549 9500

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× <u></u> Cmote: 983516696 Received: 118, 10-46 Carrier TWT

lcebricks / NA

V = VOA Vial HCI Preserved; VB = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Arriber Glass; H = HCI preserved Plastic: HS = HCI preserved Speciation bottle; SP = Sulfuric Preserved Bag. HS = HCI preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass

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Villa de Yumpa Parnka Point

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CHAIN OF

CUSTODY ALS Laboratory

> BRISBANE 32 Shand Street Stafford QLD 4053
>  Phy 07 3243 7222 E. samples: brisbane@alsglobal.com
>  UGLADSTONE 46 Callemonriab Price Online Co. S. Co. ELADELAIDE U3/1 Burna Road Pooralka SA \$095 Phr 08 8162 5130 E: adelaide@alsglobal.com

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□SYDNEY 277-289 Woodpark Road Smithfield NSW 2164 Phr 92 8784 8555 E\_samples.sydney@alsglobal.com

	Preserved Amber Glass: H = HCl preserved Plastic: HS = HCl preserved Speciation bottle: SP = Suttrice Preserved Plastic	npreserved I	- Airfreight U	reserved; AP	er Glass Unp stic; HS = H0	stic; AG = Amb	Heserveα⊬ia. Hass; H=HC	ed Amber G	G = Sulfuric Presenta	E = EDTA Preserved Bottles; ST = Sterile Bottle: ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Vial SG = Sulfunc Preserved Amber Glass;	tic Bag for Ac	30ttle: ASS = Plas	ottles; ST = Sterile E	Acetate Preserved Bottle: E = EDTA Preserved Bu	2 21112
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Additional 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	must be listered) or Diss	Suite Codes id bottle required).	SUITES (NB. Suil otal (unfillered borequired).	D including	SIS REQUIRE	ANALY Where M	9.1	VEORMATION	CONTAINER INFORMATION			NATRIX: SOLID (S) WATER (M)	USE MATRIX SOME	Ca
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Ph: 02 8784 8555 E. samples sydney@alsglobal.com	Ph 92 8784 8	W.COM	tott erwold daw.	3 Geary Place N	DNOWRA 4/1	ingwate VIC 317	Westall Road Sp.	BOURNE 2-41	Ph C	Et samples.brisbarie@alsglobal.com	% 07 3243 722;		Al o lake	第2、第7 のからで 教育者 南西教育 東京 新丁 を記す込む	

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To: Kieren Burns <Kieren.Burns@alsglobal.com> Sent: Wednesday, 11 August 2021 10:06 AM

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

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

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

conditions when possible I can then forward onto the appropriate channels.

If you could please send me through an email detailing what could not be performed due to these

to generate a separate invoice for the testing of the additional two sites Tilley Swamp Watercourse outlet, Thanks for your time this morning. As per our phone conversation, just confirming that we will be able

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

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

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

SSAMPLING Partellingence

Tilley Swamp D/S Northern outlet and forward to Stephen.Madigan@sa.gov.au.

Cc: Mangeruca, Frank (DEW) < Frank. Mangeruca@sa.gov.au> To: Morris, Darcy (DEWNR) < Darcy. Morris@sa.gov.au>

Sent: Tuesday, 10 August 2021 6:07 AM

D'Arcy

With thanks,

Hi Kieren,

From: Kieren Burns < Kieren. Burns@alsglobal.com>

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

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

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

Regards

Kieren Burns

A2 - 19geneM tnemqoleved ssenisua

Environmental

Unit 3/1 Burma Road kieren.burns@alsglobal.com 491 448 227 608 I+61881625130

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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]

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## For Official Use Only

Hi Kieren,

I am just contacting you regarding the Healthy Coorong Healthy Basin WQ samples that your team usually sample

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

They are

## Tilley swamp watercourse outlet

## Tilley swamp D/S northern outlet

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

```
Total Nitrogen (mg/L)
                                                   14.
Oxidised Nitrogen – Nitrite and Nitrate (mg/L)
                                                   13.
            Dissolved Organic Carbon (mg/L)
                                                   15.
                           Chlorophyli (µg/L)
                                                   'II'
                        (J\gm) N 26 SinommA
```

Filterable Reactive Phosphorus (mg/L) '9T Total Phosphorus (mg/L) 'ST

.81 Reactive Silica (mg/L) TY.

TKN as Nitrogen (mg/L)

Total Organic Carbon (mg/L) .02 (J\gm) sbilo2 bavlossiG lsfoT .61

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

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

798 667 ZE70 W P (08) 8303 2347 Department for Environment and Water Resource Monitoring Unit | Water and River Murray Division Hydrographer

24-26 Tikalara street Regency Park SA 5010