

## SAMPLE RECEIPT NOTIFICATION (SRN)

**Work Order : EM2116912**

<p>Client : <b>Dept for Environment &amp; Water</b></p> <p>Contact : Mr FRANK MANGERUCA</p> <p>Address : GPO BOX 2834 ADELAIDE SA, AUSTRALIA 5001</p> <p>E-mail : frank.mangeruca@sa.gov.au</p> <p>Telephone : ----</p> <p>Facsimile : ----</p> <p>Project : HCHB</p> <p>Order number : ----</p> <p>C-O-C number : ----</p> <p>Site : ----</p> <p>Sampler :</p>	<p>Laboratory : Environmental Division Melbourne</p> <p>Contact : Kieren Burns</p> <p>Address : 4 Westall Rd Springvale VIC Australia 3171</p> <p>E-mail : Kieren.Burns@alsglobal.com</p> <p>Telephone : +61881625130</p> <p>Facsimile : +61-3-8549 9626</p> <p>Page : 1 of 5</p> <p>Quote number : EM2020DEPWAT0003 (AD/052/20 V2)</p> <p>QC Level : NEPM 2013 B3 &amp; ALS QC Standard</p>
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### Dates

Date Samples Received : 26-Aug-2021 14:07	Issue Date : 26-Aug-2021
Client Requested Due : 03-Sep-2021	Scheduled Reporting Date : <b>03-Sep-2021</b>
Date :	

### Delivery Details

Mode of Delivery : Carrier	Security Seal : Not Available
No. of coolers/boxes : ----	Temperature : ----
Receipt Detail :	No. of samples received / analysed : 21 / 21

### General Comments

- This report contains the following information:
  - Sample Container(s)/Preservation Non-Compliances
  - Summary of Sample(s) and Requested Analysis
  - Proactive Holding Time Report
  - Requested Deliverables
- **Please direct any queries related to sample condition / numbering / breakages to Client Services.**
- Sample Disposal - Aqueous (3 weeks), Solid (2 months) from receipt of samples.
- **Analytical work for this work order will be conducted at ALS Springvale, ALS Scoreby and ALS Sydney.**
- **Please refer to the Proactive Holding Time Report table below which summarises breaches of recommended holding times that have occurred prior to samples/instructions being received at the laboratory. The laboratory will process these samples unless instructions are received from you indicating you do not wish to proceed. The absence of this summary table indicates that all samples have been received within the recommended holding times for the analysis requested.**
- Please be aware that APHA/NEPM recommends water and soil samples be chilled to less than or equal to 6°C for chemical analysis, and less than or equal to 10°C but unfrozen for Microbiological analysis. Where samples are received above this temperature, it should be taken into consideration when interpreting results. Refer to ALS EnviroMail 85 for ALS recommendations of the best practice for chilling samples after sampling and for maintaining a cool temperature during transit.

## Sample Container(s)/Preservation Non-Compliances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

Method Sample ID	Sample Container Received	Preferred Sample Container for Analysis
<b>Total Algae Count : MB010-3</b>		
Murray Mouth	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
US Tauwichee	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
DS Tauwichee	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Mark Point	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Long Point	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Noonameena	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Bonneys	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
McGrath Flat North	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Parnka Point	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Villa du Yumpa	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Stony Well	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
North Jacks Point	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Seagull Island	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Snipe Point	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Morella Basin @ Outlet Regulator	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Morella Creek @ Guage	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Salt Creek Outlet	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
1.8km West of Salt Creek	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
3.2km South of Salt Creek (Land)	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Tilley Swamp D/S Nth Outlet	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
Tilley Swamp Watercourse Outlet	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine

Any sample identifications that cannot be displayed entirely in the analysis summary table will be listed below.

EM2116912-015	: 24-Aug-2021 13:10	: Morella Basin @ Outlet Regulator
EM2116912-016	: 24-Aug-2021 12:50	: Morella Creek @ Guage
EM2116912-018	: 24-Aug-2021 12:30	: 1.8km West of Salt Creek
EM2116912-019	: 24-Aug-2021 12:25	: 3.2km South of Salt Creek (Land)
EM2116912-020	: 24-Aug-2021 15:20	: Tilley Swamp D/S Nth Outlet
EM2116912-021	: 24-Aug-2021 15:00	: Tilley Swamp Watercourse Outlet

## Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package.

If no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component

Matrix: **WATER**

Laboratory sample ID	Sampling date / time	Sample ID	WATER - ED037-P Alkalinity as CaCO <sub>3</sub> (PCT)	WATER - EK071G Reactive Phosphorus by Discrete analyser	WATER - EP002 Dissolved Organic Carbon (DOC)	WATER - EP005 Total Organic Carbon (TOC)	WATER - EP008C Chlorophyll a, b, c and phaeophytin	WATER - MW024.T (BM010) Total Algae Count	WATER - NT-08-SW-MELB Total Nitrogen + NO <sub>2</sub> + NO <sub>3</sub> + NH <sub>3</sub> + Total P -
EM2116912-001	25-Aug-2021 13:30	Murray Mouth	✓	✓	✓	✓	✓	✓	✓
EM2116912-002	25-Aug-2021 10:15	US Tauwichee	✓	✓	✓	✓	✓	✓	✓
EM2116912-003	25-Aug-2021 10:15	DS Tauwichee	✓	✓	✓	✓	✓	✓	✓
EM2116912-004	25-Aug-2021 09:40	Mark Point	✓	✓	✓	✓	✓	✓	✓
EM2116912-005	25-Aug-2021 08:50	Long Point	✓	✓	✓	✓	✓	✓	✓
EM2116912-006	25-Aug-2021 08:15	Noonameena	✓	✓	✓	✓	✓	✓	✓
EM2116912-007	25-Aug-2021 07:55	Bonneys	✓	✓	✓	✓	✓	✓	✓
EM2116912-008	25-Aug-2021 07:20	McGrath Flat North	✓	✓	✓	✓	✓	✓	✓
EM2116912-009	24-Aug-2021 15:40	Parnka Point	✓	✓	✓	✓	✓	✓	✓
EM2116912-010	24-Aug-2021 14:50	Villa du Yumpa	✓	✓	✓	✓	✓	✓	✓
EM2116912-011	24-Aug-2021 14:15	Stony Well	✓	✓	✓	✓	✓	✓	✓



			WATER - ED037-P Alkalinity as CaCO3 (PCT)	WATER - EK071G Reactive Phosphorus by Discrete analyser	WATER - EP002 Dissolved Organic Carbon (DOC)	WATER - EP005 Total Organic Carbon (TOC)	WATER - EP008C Chlorophyll a, b, c and phaeophytin	WATER - MW024-T (BM010) Total Algae Count	WATER - NT-08-SW-MELB Total Nitrogen + NO2 + NO3 + NH3 + Total P -
EM2116912-012	24-Aug-2021 13:30	North Jacks Point	✓	✓	✓	✓	✓	✓	✓
EM2116912-013	24-Aug-2021 13:10	Seagull Island	✓	✓	✓	✓	✓	✓	✓
EM2116912-014	24-Aug-2021 12:45	Snipe Point	✓	✓	✓	✓	✓	✓	✓
EM2116912-015	24-Aug-2021 13:10	Morella Basin @ Outl...	✓	✓	✓	✓	✓	✓	✓
EM2116912-016	24-Aug-2021 12:50	Morella Creek @ Guage	✓	✓	✓	✓	✓	✓	✓
EM2116912-017	24-Aug-2021 12:15	Salt Creek Outlet	✓	✓	✓	✓	✓	✓	✓
EM2116912-018	24-Aug-2021 12:30	1.8km West of Salt C...	✓	✓	✓	✓	✓	✓	✓
EM2116912-019	24-Aug-2021 12:25	3.2km South of Salt ...	✓	✓	✓	✓	✓	✓	✓
EM2116912-020	24-Aug-2021 15:20	Tilley Swamp D/S Nth...	✓	✓	✓	✓	✓	✓	✓
EM2116912-021	24-Aug-2021 15:00	Tilley Swamp Waterco...	✓	✓	✓	✓	✓	✓	✓

Matrix: **WATER**

Laboratory sample ID	Sampling date / time	Sample ID	WATER - EA015H Total Dissolved Solids - Standard Level	WATER - EA045 Turbidity	WATER - ED045G Chloride by Discrete Analyser	WATER - EG052G Silica - Reactive
EM2116912-001	25-Aug-2021 13:30	Murray Mouth	✓	✓	✓	✓
EM2116912-002	25-Aug-2021 10:15	US Tauwitchere	✓	✓	✓	✓
EM2116912-003	25-Aug-2021 10:15	DS Tauwitchere	✓	✓	✓	✓
EM2116912-004	25-Aug-2021 09:40	Mark Point	✓	✓	✓	✓
EM2116912-005	25-Aug-2021 08:50	Long Point	✓	✓	✓	✓
EM2116912-006	25-Aug-2021 08:15	Noonameena	✓	✓	✓	✓
EM2116912-007	25-Aug-2021 07:55	Bonneys	✓	✓	✓	✓
EM2116912-008	25-Aug-2021 07:20	McGrath Flat North	✓	✓	✓	✓
EM2116912-009	24-Aug-2021 15:40	Parnka Point	✓	✓	✓	✓
EM2116912-010	24-Aug-2021 14:50	Villa du Yumpa	✓	✓	✓	✓
EM2116912-011	24-Aug-2021 14:15	Stony Well	✓	✓	✓	✓
EM2116912-012	24-Aug-2021 13:30	North Jacks Point	✓	✓	✓	✓
EM2116912-013	24-Aug-2021 13:10	Seagull Island	✓	✓	✓	✓
EM2116912-014	24-Aug-2021 12:45	Snipe Point	✓	✓	✓	✓
EM2116912-015	24-Aug-2021 13:10	Morella Basin @ Outl...	✓	✓	✓	✓
EM2116912-016	24-Aug-2021 12:50	Morella Creek @ Guage	✓	✓	✓	✓
EM2116912-017	24-Aug-2021 12:15	Salt Creek Outlet	✓	✓	✓	✓
EM2116912-018	24-Aug-2021 12:30	1.8km West of Salt C...	✓	✓	✓	✓
EM2116912-019	24-Aug-2021 12:25	3.2km South of Salt ...	✓	✓	✓	✓
EM2116912-020	24-Aug-2021 15:20	Tilley Swamp D/S Nth...	✓	✓	✓	✓



			WATER - EA015H Total Dissolved Solids - Standard Level	WATER - EA045 Turbidity	WATER - ED045G Chloride by Discrete Analyser	WATER - EG052G Silica - Reactive
EM2116912-021	24-Aug-2021 15:00	Tilley Swamp Waterco...	✓	✓	✓	✓

## Proactive Holding Time Report

The following table summarises breaches of recommended holding times that have occurred prior to samples/instructions being received at the laboratory.

Matrix: **WATER**

Evaluation: ✗ = Holding time breach ; ✓ = Within holding time.

Method Client Sample ID(s)	Container	Due for extraction	Due for analysis	Samples Received		Instructions Received	
				Date	Evaluation	Date	Evaluation
MB010-3: Total Algae Count							
1.8km West of Salt Creek	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
3.2km South of Salt Creek	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Bonneys	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
DS Tauwicheere	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Long Point	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Mark Point	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
McGrath Flat North	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Morella Basin @ Outlet	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Morella Creek @ Gully	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Noonameena	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
North Jacks Point	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Parnka Point	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Salt Creek Outlet	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Seagull Island	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Snipe Point	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Stony Well	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Tilley Swamp D/S North	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Tilley Swamp Watercourse	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
US Tauwicheere	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----
Villa du Yumpa	Plastic Bottle - Lugols Iodine	----	25-Aug-2021	26-Aug-2021	✗	----	----

**FRANK MANGERUCA**

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