

## SAMPLE RECEIPT NOTIFICATION (SRN)

**Work Order : EM2113768**

<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 4</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 : 16-Jul-2021 11:25	Issue Date : 16-Jul-2021
Client Requested Due : 23-Jul-2021	Scheduled Reporting Date : <b>23-Jul-2021</b>
Date	

### Delivery Details

Mode of Delivery : Carrier	Security Seal : Intact.
No. of coolers/boxes : 4	Temperature : 7.5°C - Ice present
Receipt Detail :	No. of samples received / analysed : 20 / 10

### 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 Scoresby 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>		
<b>Stony Well</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>North Jacks Point</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>South Policeman Point/ Seagull Island</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>Snipe Point</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>Morella Basin @ Outlet Regulator</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>Morella Creek @ Gauge</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>Salt Creek Outlet</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>1.8km West of Salt Creek</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>3.2km South of Salt Creek (Land)</b>	- Plastic Bottle - Lugols Iodine	- White Plastic Bottle-Lugols Iodine
<b>Tilley Swamp Drain U/S Morella</b>	- 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.

EM2113768-003 : 13-Jul-2021 13:15 : South Policeman Point/ Seagull Island  
EM2113768-005 : 13-Jul-2021 13:10 : Morella Basin @ Outlet Regulator  
EM2113768-006 : 13-Jul-2021 12:55 : Morella Creek @ Gauge  
EM2113768-008 : 13-Jul-2021 12:40 : 1.8km West of Salt Creek  
EM2113768-009 : 13-Jul-2021 12:30 : 3.2km South of Salt Creek (Land)  
EM2113768-010 : 13-Jul-2021 13:45 : Tilley Swamp Drain U/S Morella

## 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 - EA015H Total Dissolved Solids - Standard Level	WATER - EA045 Turbidity	WATER - ED037-P Alkalinity as CaCO <sub>3</sub> (PCT)	WATER - EG052G Silica - Reactive	WATER - EP002 Dissolved Organic Carbon (DOC)	WATER - EP005 Total Organic Carbon (TOC)	WATER - NT-08-SW-MELB Total Nitrogen + NO <sub>2</sub> + NO <sub>3</sub> + NH <sub>3</sub> + Total P -
EM2113768-001	13-Jul-2021 14:10	Stony Well	✓	✓	✓	✓	✓	✓	✓
EM2113768-002	13-Jul-2021 13:40	North Jacks Point	✓	✓	✓	✓	✓	✓	✓
EM2113768-003	13-Jul-2021 13:15	South Policeman Poin...	✓	✓	✓	✓	✓	✓	✓
EM2113768-004	13-Jul-2021 12:55	Snipe Point	✓	✓	✓	✓	✓	✓	✓
EM2113768-005	13-Jul-2021 13:10	Morella Basin @ Outl...	✓	✓	✓	✓	✓	✓	✓
EM2113768-006	13-Jul-2021 12:55	Morella Creek @ Gauge	✓	✓	✓	✓	✓	✓	✓
EM2113768-007	13-Jul-2021 12:25	Salt Creek Outlet	✓	✓	✓	✓	✓	✓	✓
EM2113768-008	13-Jul-2021 12:40	1.8km West of Salt C...	✓	✓	✓	✓	✓	✓	✓
EM2113768-009	13-Jul-2021 12:30	3.2km South of Salt ...	✓	✓	✓	✓	✓	✓	✓
EM2113768-010	13-Jul-2021 13:45	Tilley Swamp Drain U...	✓	✓	✓	✓	✓	✓	✓



Matrix: **WATER**

Laboratory sample ID	Sampling date / time	Sample ID	(On Hold) WATER No analysis requested	WATER - ED045G Chloride by Discrete Analyser	WATER - EK071G Reactive Phosphorus by Discrete analyser	WATER - EP008C Chlorophyll a, b, c and phaeophytin	WATER - MW024, T (BM010) Total Algae Count
EM2113768-001	13-Jul-2021 14:10	Stony Well		✓	✓	✓	✓
EM2113768-002	13-Jul-2021 13:40	North Jacks Point		✓	✓	✓	✓
EM2113768-003	13-Jul-2021 13:15	South Policeman Poin...		✓	✓	✓	✓
EM2113768-004	13-Jul-2021 12:55	Snipe Point		✓	✓	✓	✓
EM2113768-005	13-Jul-2021 13:10	Morella Basin @ Outl...		✓	✓	✓	✓
EM2113768-006	13-Jul-2021 12:55	Morella Creek @ Gauge		✓	✓	✓	✓
EM2113768-007	13-Jul-2021 12:25	Salt Creek Outlet		✓	✓	✓	✓
EM2113768-008	13-Jul-2021 12:40	1.8km West of Salt C...		✓	✓	✓	✓
EM2113768-009	13-Jul-2021 12:30	3.2km South of Salt ...		✓	✓	✓	✓
EM2113768-010	13-Jul-2021 13:45	Tilley Swamp Drain U...		✓	✓	✓	✓
EM2113768-011	14-Jul-2021 08:50	Tauwichee U/S	✓				
EM2113768-012	13-Jul-2021 14:25	Noonameena	✓				
EM2113768-013	13-Jul-2021 16:05	Bonneys	✓				
EM2113768-014	13-Jul-2021 15:00	McGrath Flat	✓				
EM2113768-015	14-Jul-2021 08:50	Tauwichee DS	✓				
EM2113768-016	14-Jul-2021 07:20	Long Point	✓				
EM2113768-017	14-Jul-2021 10:00	Murray Mouth	✓				
EM2113768-018	13-Jul-2021 15:25	Parnka Point	✓				
EM2113768-019	13-Jul-2021 14:40	Villa de Yumpa	✓				
EM2113768-020	14-Jul-2021 08:10	Mark Point	✓				

## 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
EA045: Turbidity								
1.8km West of Salt C	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
3.2km South of Salt C	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Basin @ Outl	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Creek @ Gau	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Snipe Point	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Tilley Swamp Drain U	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
EK057G: Nitrite as N by Discrete Analyser								
1.8km West of Salt C	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
3.2km South of Salt C	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Basin @ Outl	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Creek @ Gau	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural		----	15-Jul-2021	16-Jul-2021	✗	----	----



Snipe Point	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Tilley Swamp Drain U	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
<b>EK071G: Reactive Phosphorus as P-By Discrete Analyser</b>							
1.8km West of Salt C	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
3.2km South of Salt C	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Basin @ Outl	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Morella Creek @ Gau	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Snipe Point	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
Tilley Swamp Drain U	Clear Plastic Bottle - Natural	----	15-Jul-2021	16-Jul-2021	✗	----	----
<b>MB010-3: Total Algae Count</b>							
1.8km West of Salt C	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
3.2km South of Salt C	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Morella Basin @ Outl	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Morella Creek @ Gau	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
North Jacks Point	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Salt Creek Outlet	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Snipe Point	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
South Policeman Poir	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Stony Well	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----
Tilley Swamp Drain U	Plastic Bottle - Lugols Iodine	----	14-Jul-2021	16-Jul-2021	✗	----	----

## Requested Deliverables

### FRANK MANGERUCA

- *AU Certificate of Analysis - NATA (COA)	Email	frank.mangeruca@sa.gov.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	frank.mangeruca@sa.gov.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	frank.mangeruca@sa.gov.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	frank.mangeruca@sa.gov.au
- A4 - AU Tax Invoice (INV)	Email	frank.mangeruca@sa.gov.au
- Attachment - Report (SUBCO)	Email	frank.mangeruca@sa.gov.au
- Chain of Custody (CoC) (COC)	Email	frank.mangeruca@sa.gov.au
- EDI Format - ENMRG (ENMRG)	Email	frank.mangeruca@sa.gov.au

### Invoices

- A4 - AU Tax Invoice (INV)	Email	APIInvoices@sharedservices.sa.gov.au
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### JOSHUA CASTLE

- *AU Certificate of Analysis - NATA (COA)	Email	joshua.castle@sa.gov.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	joshua.castle@sa.gov.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	joshua.castle@sa.gov.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	joshua.castle@sa.gov.au
- Attachment - Report (SUBCO)	Email	joshua.castle@sa.gov.au
- Chain of Custody (CoC) (COC)	Email	joshua.castle@sa.gov.au
- EDI Format - ENMRG (ENMRG)	Email	joshua.castle@sa.gov.au

### MILAN BALABAN

- *AU Certificate of Analysis - NATA (COA)	Email	milan.balaban@sa.gov.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	milan.balaban@sa.gov.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	milan.balaban@sa.gov.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	milan.balaban@sa.gov.au
- A4 - AU Tax Invoice (INV)	Email	milan.balaban@sa.gov.au
- Attachment - Report (SUBCO)	Email	milan.balaban@sa.gov.au
- Chain of Custody (CoC) (COC)	Email	milan.balaban@sa.gov.au
- EDI Format - ENMRG (ENMRG)	Email	milan.balaban@sa.gov.au