

SAMPLE RECEIPT NOTIFICATION (SRN)

Work Order : EM2119079

<p>Client : Dept for Environment & Water</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 : RB</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 & ALS QC Standard</p>
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Dates

Date Samples Received : 27-Sep-2021 11:05	Issue Date : 27-Sep-2021
Client Requested Due : 05-Oct-2021	Scheduled Reporting Date : 05-Oct-2021
Date	

Delivery Details

Mode of Delivery : Carrier	Security Seal : Not Available
No. of coolers/boxes : 4	Temperature : 12.6°C - Ice present
Receipt Detail :	No. of samples received / analysed : 22 / 22

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
- **A sample ID discrepancy has been noted on the COC. Please inform ALS if changes are to be made to the SRN.**
- **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 Sdney & ALS Scoresby.**
- **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.

- No sample container / preservation non-compliance exists.

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

EM2119079-013	: 22-Sep-2021 14:20	: South Policeman Point
EM2119079-015	: 22-Sep-2021 14:15	: Morella Basin @ outlet regulator
EM2119079-016	: 22-Sep-2021 14:00	: Morella Creek @ gauge
EM2119079-018	: 22-Sep-2021 13:40	: 1.8km west of Salt Creek
EM2119079-019	: 22-Sep-2021 13:25	: 3.2km south of Salt Creek (land)
EM2119079-020	: 22-Sep-2021 14:45	: Tilley Swamp Drain U/S Morella
EM2119079-021	: 22-Sep-2021 15:15	: Tilley Swamp Drain D/S Nth Outlet
EM2119079-022	: 22-Sep-2021 15:25	: Tilley Swamp Drain W/C 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 - BM010 Algal Count	WATER - EA045 Turbidity	WATER - ED037-P Alkalinity as CaCO ₃ (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 ₂ + NO ₃ + NH ₃ + Total P -
EM2119079-001	23-Sep-2021 11:00	Murray Mouth	✓	✓	✓	✓	✓	✓	✓
EM2119079-002	23-Sep-2021 10:00	US Tauwicheere	✓	✓	✓	✓	✓	✓	✓
EM2119079-003	23-Sep-2021 10:00	DS Tauwicheere	✓	✓	✓	✓	✓	✓	✓
EM2119079-004	23-Sep-2021 09:25	Mark Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-005	23-Sep-2021 08:30	Long Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-006	23-Sep-2021 08:05	Noonameena	✓	✓	✓	✓	✓	✓	✓
EM2119079-007	23-Sep-2021 07:40	Bonneys	✓	✓	✓	✓	✓	✓	✓
EM2119079-008	22-Sep-2021 17:30	McGrath Flat North	✓	✓	✓	✓	✓	✓	✓
EM2119079-009	22-Sep-2021 16:50	Parnka Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-010	22-Sep-2021 13:50	Villa de Yumpa	✓	✓	✓	✓	✓	✓	✓
EM2119079-011	22-Sep-2021 15:20	Stony Well	✓	✓	✓	✓	✓	✓	✓
EM2119079-012	22-Sep-2021 14:45	North Jacks Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-013	22-Sep-2021 14:20	South Policeman Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-014	22-Sep-2021 14:00	Snipe Point	✓	✓	✓	✓	✓	✓	✓
EM2119079-015	22-Sep-2021 14:15	Morella Basin @ outl...	✓	✓	✓	✓	✓	✓	✓
EM2119079-016	22-Sep-2021 14:00	Morella Creek @ gauge	✓	✓	✓	✓	✓	✓	✓
EM2119079-017	22-Sep-2021 13:25	Salt Creek Outlet	✓	✓	✓	✓	✓	✓	✓
EM2119079-018	22-Sep-2021 13:40	1.8km west of Salt C...	✓	✓	✓	✓	✓	✓	✓
EM2119079-019	22-Sep-2021 13:25	3.2km south of Salt ...	✓	✓	✓	✓	✓	✓	✓
EM2119079-020	22-Sep-2021 14:45	Tilley Swamp Drain U...	✓	✓	✓	✓	✓	✓	✓
EM2119079-021	22-Sep-2021 15:15	Tilley Swamp Drain D...	✓	✓	✓	✓	✓	✓	✓
EM2119079-022	22-Sep-2021 15:25	Tilley Swamp Drain W...	✓	✓	✓	✓	✓	✓	✓



Matrix: **WATER**

Laboratory sample ID	Sampling date / time	Sample ID	WATER - EA015H Total Dissolved Solids - Standard Level	WATER - ED045G Chloride by Discrete Analyser	WATER - EK071G Reactive Phosphorus by Discrete analyser	WATER - EP008 Chlorophyll a
EM2119079-001	23-Sep-2021 11:00	Murray Mouth	✓	✓	✓	✓
EM2119079-002	23-Sep-2021 10:00	US Tauwiche	✓	✓	✓	✓
EM2119079-003	23-Sep-2021 10:00	DS Tauwiche	✓	✓	✓	✓
EM2119079-004	23-Sep-2021 09:25	Mark Point	✓	✓	✓	✓
EM2119079-005	23-Sep-2021 08:30	Long Point	✓	✓	✓	✓
EM2119079-006	23-Sep-2021 08:05	Noonameena	✓	✓	✓	✓
EM2119079-007	23-Sep-2021 07:40	Bonneys	✓	✓	✓	✓
EM2119079-008	22-Sep-2021 17:30	McGrath Flat North	✓	✓	✓	✓
EM2119079-009	22-Sep-2021 16:50	Pamka Point	✓	✓	✓	✓
EM2119079-010	22-Sep-2021 13:50	Villa de Yumpa	✓	✓	✓	✓
EM2119079-011	22-Sep-2021 15:20	Stony Well	✓	✓	✓	✓
EM2119079-012	22-Sep-2021 14:45	North Jacks Point	✓	✓	✓	✓
EM2119079-013	22-Sep-2021 14:20	South Policeman Point	✓	✓	✓	✓
EM2119079-014	22-Sep-2021 14:00	Snipe Point	✓	✓	✓	✓
EM2119079-015	22-Sep-2021 14:15	Morella Basin @ outl...	✓	✓	✓	✓
EM2119079-016	22-Sep-2021 14:00	Morella Creek @ gauge	✓	✓	✓	✓
EM2119079-017	22-Sep-2021 13:25	Salt Creek Outlet	✓	✓	✓	✓
EM2119079-018	22-Sep-2021 13:40	1.8km west of Salt C...	✓	✓	✓	✓
EM2119079-019	22-Sep-2021 13:25	3.2km south of Salt ...	✓	✓	✓	✓
EM2119079-020	22-Sep-2021 14:45	Tilley Swamp Drain U...	✓	✓	✓	✓
EM2119079-021	22-Sep-2021 15:15	Tilley Swamp Drain D...	✓	✓	✓	✓
EM2119079-022	22-Sep-2021 15:25	Tilley Swamp Drain W...	✓	✓	✓	✓

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 Cr	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
3.2km south of Salt C	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Bonneys	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
DS Tauwitchere	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Basin @ outl	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Creek @ gau	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
Noonameena	Clear Plastic Bottle - Natural		----	25-Sep-2021	27-Sep-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Parnka Point	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural		----	24-Sep-2021	27-Sep-2021	✗	----	----



Snipe Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain DC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain UC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain VC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
US Tauwitschere	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Villa de Yumpa	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
EK057G: Nitrite as N by Discrete Analyser							
1.8km west of Salt Cr	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
3.2km south of Salt C	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Bonneys	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
DS Tauwitschere	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Basin @ outle	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Creek @ gau	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Noonameena	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Pamka Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Snipe Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain DC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain UC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain VC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
US Tauwitschere	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Villa de Yumpa	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
EK071G: Reactive Phosphorus as P-By Discrete Analyser							
1.8km west of Salt Cr	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
3.2km south of Salt C	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Bonneys	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
DS Tauwitschere	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Basin @ outle	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Creek @ gau	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Noonameena	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
North Jacks Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Pamka Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Salt Creek Outlet	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Snipe Point	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
South Policeman Poir	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Stony Well	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain DC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain UC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain VC	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
US Tauwitschere	Clear Plastic Bottle - Natural	----	25-Sep-2021	27-Sep-2021	✗	----	----
Villa de Yumpa	Clear Plastic Bottle - Natural	----	24-Sep-2021	27-Sep-2021	✗	----	----
EP008: Chlorophyll a and Pheophytin a							
1.8km west of Salt Cr	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
3.2km south of Salt C	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Bonneys	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
DS Tauwitschere	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
Long Point	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
Mark Point	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
McGrath Flat North	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Basin @ outle	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Morella Creek @ gau	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Murray Mouth	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
Noonameena	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----



North Jacks Point	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Pamka Point	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Salt Creek Outlet	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Snipe Point	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
South Policeman Poir	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Stony Well	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain D	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain U	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
Tilley Swamp Drain V	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-2021	✗	----	----
US Tauwitschere	White Plastic Bottle - Unpreserv	----	25-Sep-2021	27-Sep-2021	✗	----	----
Villa de Yumpa	White Plastic Bottle - Unpreserv	----	24-Sep-2021	27-Sep-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
- 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
- A4 - AU Tax Invoice (INV)	Email	joshua.castle@sa.gov.au
- Attachment - Report (SUBCO)	Email	joshua.castle@sa.gov.au
- EDI Format - XTab (XTAB)	Email	joshua.castle@sa.gov.au

PATRICK BETHAM

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