

SAMPLE RECEIPT NOTIFICATION (SRN)

Work Order : EM2125413

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

Dates

Date Samples Received	: 16-Dec-2021 11:05	Issue Date	: 16-Dec-2021
Client Requested Due Date	: 31-Dec-2021	Scheduled Reporting Date	: 23-Dec-2021

Delivery Details

Mode of Delivery	: Carrier	Security Seal	: Not Available
No. of coolers/boxes	: 4	Temperature	: 17.0°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
- **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.**
- Preliminary results will be available on the scheduled reporting date listed in this report. However the final report with Chlorophyll analysis will be complete on 31/12/21.
- 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.

EM2125413-001	: 14-Dec-2021 08:30	: 1.8km west of Salt Creek
EM2125413-002	: 14-Dec-2021 08:20	: 3.2km south of Salt Creek (land)
EM2125413-007	: 14-Dec-2021 09:05	: Morella Basin @ outlet regulator
EM2125413-008	: 14-Dec-2021 08:50	: Morella Creek @ gauge
EM2125413-015	: 14-Dec-2021 09:10	: South Policeman Point / Seagull Island
EM2125413-019	: 14-Dec-2021 09:55	: Tilley Swamp Drain D/S Nth Outlet
EM2125413-020	: 14-Dec-2021 09:30	: Tilley Swamp Drain U/S Morella
EM2125413-021	: 14-Dec-2021 10:05	: Tilley Swamp Drain 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 - 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 -
EM2125413-001	14-Dec-2021 08:30	1.8km west of Salt C...	✓	✓	✓	✓	✓	✓	✓
EM2125413-002	14-Dec-2021 08:20	3.2km south of Salt ...	✓	✓	✓	✓	✓	✓	✓
EM2125413-003	13-Dec-2021 15:30	Bonneys	✓	✓	✓	✓	✓	✓	✓
EM2125413-004	13-Dec-2021 14:30	Long Point	✓	✓	✓	✓	✓	✓	✓
EM2125413-005	13-Dec-2021 13:45	Mark Point	✓	✓	✓	✓	✓	✓	✓
EM2125413-006	13-Dec-2021 16:00	McGrath Flat North	✓	✓	✓	✓	✓	✓	✓
EM2125413-007	14-Dec-2021 09:05	Morella Basin @ outl...	✓	✓	✓	✓	✓	✓	✓
EM2125413-008	14-Dec-2021 08:50	Morella Creek @ gauge	✓	✓	✓	✓	✓	✓	✓
EM2125413-009	13-Dec-2021 12:00	Murray Mouth	✓	✓	✓	✓	✓	✓	✓
EM2125413-010	13-Dec-2021 15:00	Noonameena	✓	✓	✓	✓	✓	✓	✓
EM2125413-011	14-Dec-2021 09:45	North Jacks Point	✓	✓	✓	✓	✓	✓	✓
EM2125413-012	14-Dec-2021 12:40	Parnka Point	✓	✓	✓	✓	✓	✓	✓
EM2125413-013	14-Dec-2021 08:05	Salt Creek Outlet	✓	✓	✓	✓	✓	✓	✓
EM2125413-014	14-Dec-2021 08:50	Snipe Point	✓	✓	✓	✓	✓	✓	✓
EM2125413-015	14-Dec-2021 09:10	South Policeman Poin...	✓	✓	✓	✓	✓	✓	✓
EM2125413-016	14-Dec-2021 10:20	Stoney Well	✓	✓	✓	✓	✓	✓	✓
EM2125413-017	13-Dec-2021 13:00	Tauwiche D/S	✓	✓	✓	✓	✓	✓	✓
EM2125413-018	13-Dec-2021 13:00	Tauwiche U/S	✓	✓	✓	✓	✓	✓	✓
EM2125413-019	14-Dec-2021 09:55	Tilley Swamp Drain D...	✓	✓	✓	✓	✓	✓	✓
EM2125413-020	14-Dec-2021 09:30	Tilley Swamp Drain U...	✓	✓	✓	✓	✓	✓	✓
EM2125413-021	14-Dec-2021 10:05	Tilley Swamp Drain W...	✓	✓	✓	✓	✓	✓	✓
EM2125413-022	14-Dec-2021 10:50	Villa de Yumpa	✓	✓	✓	✓	✓	✓	✓



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 - EP008C Chlorophyll a, b, c and phaeophytin
EM2125413-001	14-Dec-2021 08:30	1.8km west of Salt C...	✓	✓	✓	✓
EM2125413-002	14-Dec-2021 08:20	3.2km south of Salt ...	✓	✓	✓	✓
EM2125413-003	13-Dec-2021 15:30	Bonneys	✓	✓	✓	✓
EM2125413-004	13-Dec-2021 14:30	Long Point	✓	✓	✓	✓
EM2125413-005	13-Dec-2021 13:45	Mark Point	✓	✓	✓	✓
EM2125413-006	13-Dec-2021 16:00	McGrath Flat North	✓	✓	✓	✓
EM2125413-007	14-Dec-2021 09:05	Morella Basin @ outl...	✓	✓	✓	✓
EM2125413-008	14-Dec-2021 08:50	Morella Creek @ gauge	✓	✓	✓	✓
EM2125413-009	13-Dec-2021 12:00	Murray Mouth	✓	✓	✓	✓
EM2125413-010	13-Dec-2021 15:00	Noonameena	✓	✓	✓	✓
EM2125413-011	14-Dec-2021 09:45	North Jacks Point	✓	✓	✓	✓
EM2125413-012	14-Dec-2021 12:40	Parnka Point	✓	✓	✓	✓
EM2125413-013	14-Dec-2021 08:05	Salt Creek Outlet	✓	✓	✓	✓
EM2125413-014	14-Dec-2021 08:50	Snipe Point	✓	✓	✓	✓
EM2125413-015	14-Dec-2021 09:10	South Policeman Poin...	✓	✓	✓	✓
EM2125413-016	14-Dec-2021 10:20	Stoney Well	✓	✓	✓	✓
EM2125413-017	13-Dec-2021 13:00	Tauwiche D/S	✓	✓	✓	✓
EM2125413-018	13-Dec-2021 13:00	Tauwiche U/S	✓	✓	✓	✓
EM2125413-019	14-Dec-2021 09:55	Tilley Swamp Drain D...	✓	✓	✓	✓
EM2125413-020	14-Dec-2021 09:30	Tilley Swamp Drain U...	✓	✓	✓	✓
EM2125413-021	14-Dec-2021 10:05	Tilley Swamp Drain W...	✓	✓	✓	✓
EM2125413-022	14-Dec-2021 10:50	Villa de Yumpa	✓	✓	✓	✓

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		Due for extraction	Due for analysis	Samples Received		Instructions Received	
				Date	Evaluation	Date	Evaluation
Client Sample ID(s)	Container						
EA045: Turbidity							
Bonneys	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Noonameena	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwitchere D/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwitchere U/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
EK057G: Nitrite as N by Discrete Analyser							
Bonneys	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----



Noonameena	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwiche D/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwiche U/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
EK071G: Reactive Phosphorus as P-By Discrete Analyser							
Bonneys	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Long Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Mark Point	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
McGrath Flat North	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Murray Mouth	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Noonameena	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwiche D/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-2021	✗	----	----
Tauwiche U/S	Clear Plastic Bottle - Natural	----	15-Dec-2021	16-Dec-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
- A4 - AU Tax Invoice (INV)	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 - 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
- Attachment - Report (SUBCO)	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