

QUALITY CONTROL REPORT

Work Order	: EM2201088	Page	: 1 of 8
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
Telephone	: ----	Telephone	: +61881625130
Project	: HCHB - Phase 1	Date Samples Received	: 28-Jan-2022
Order number	: ----	Date Analysis Commenced	: 30-Jan-2022
C-O-C number	: ----	Issue Date	: 04-Feb-2022
Sampler	: ----		
Site	: ----		
Quote number	: AD/052/20 V2		
No. of samples received	: 22		
No. of samples analysed	: 22		



This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Ankit Joshi	Inorganic Chemist	Sydney Inorganics, Smithfield, NSW
Dilani Fernando	Laboratory Coordinator	Melbourne Inorganics, Springvale, VIC
Jarwis Nheu	Senior Inorganic Chemist	Melbourne Inorganics, Springvale, VIC
Nikki Stepniewski	Senior Inorganic Instrument Chemist	Melbourne Inorganics, Springvale, VIC
Samantha Smith	Assistant Laboratory Manager	WRG Subcontracting, Springvale, VIC

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Laboratory Duplicate (DUP) Report

Sub-Matrix: **WATER**

Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QC Lot: 4145690)									
EM2201088-001	1.8km west of Salt Creek	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	<0.02	0.0	No Limit
EM2201088-010	Noonameena	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	0.03	0.05	48.4	No Limit
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QC Lot: 4145692)									
EM2201088-021	Tilley Swamp Drain Watercourse Outlet	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	0.11	0.12	0.0	No Limit
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 4144386)									
EM2200580-014	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	1560	1590	2.0	0% - 20%
EM2201052-008	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	9180	9210	0.4	0% - 20%
EM2201080-001	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	2370	2300	3.2	0% - 20%
EM2201088-009	Murray Mouth	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	3310	3280	1.2	0% - 20%
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 4144388)									
EM2201088-019	Tilley Swamp Drain D/S Nth Outlet	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	6470	6410	0.9	0% - 20%
EM2201096-014	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	1180	1050	11.3	0% - 20%
EM2201146-002	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	440	439	0.3	0% - 20%
EM2201170-007	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	<10	0.0	No Limit
EA045: Turbidity (QC Lot: 4153301)									
EM2200665-001	Anonymous	EA045: Turbidity	----	0.1	NTU	3.4	3.2	3.6	0% - 20%
EM2201088-009	Murray Mouth	EA045: Turbidity	----	0.1	NTU	75.9	73.2	3.6	0% - 20%
EA045: Turbidity (QC Lot: 4153302)									
EM2201088-020	Tilley Swamp Drain U/S Morella	EA045: Turbidity	----	0.1	NTU	2.6	2.9	11.0	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 4147251)									

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 Project : HCHB - Phase 1



Sub-Matrix: **WATER**

Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
ED037P: Alkalinity by PC Titrator (QC Lot: 4147251) - continued									
EM2201088-001	1.8km west of Salt Creek	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	210	211	0.0	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	210	211	0.0	0% - 20%
EM2201088-011	North Jacks Point	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	206	207	0.7	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	206	207	0.7	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 4147252)									
EM2201088-021	Tilley Swamp Drain Watercourse Outlet	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	48	# 39	21.5	0% - 20%
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	390	400	2.8	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	438	439	0.4	0% - 20%
EM2201166-011	Anonymous	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.0	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	41	41	0.0	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	41	41	0.0	0% - 20%
ED045G: Chloride by Discrete Analyser (QC Lot: 4144654)									
EM2201088-005	Mark Point	ED045G: Chloride	16887-00-6	1	mg/L	1570	1540	1.8	0% - 20%
EM2200665-001	Anonymous	ED045G: Chloride	16887-00-6	1	mg/L	114	115	0.0	0% - 20%
ED045G: Chloride by Discrete Analyser (QC Lot: 4144657)									
EM2201088-017	Tauwitchere D/S	ED045G: Chloride	16887-00-6	1	mg/L	92	90	2.8	0% - 20%
EM2201096-003	Anonymous	ED045G: Chloride	16887-00-6	1	mg/L	244	243	0.0	0% - 20%
EG052G: Silica by Discrete Analyser (QC Lot: 4144653)									
EM2201088-010	Noonameena	EG052G: Reactive Silica	----	0.05	mg/L	0.49	0.33	40.6	No Limit
EM2200665-001	Anonymous	EG052G: Reactive Silica	----	0.05	mg/L	17.8	18.0	0.8	0% - 20%
EG052G: Silica by Discrete Analyser (QC Lot: 4144658)									
EM2201088-020	Tilley Swamp Drain U/S Morella	EG052G: Reactive Silica	----	0.05	mg/L	23.5	23.6	0.4	0% - 20%
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 4144652)									
EM2201088-004	Long Point	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2200580-014	Anonymous	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	0.12	0.12	0.0	0% - 50%
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 4144656)									
EM2201088-015	South Policeman Point / Seagull Island	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2201096-002	Anonymous	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 4145689)									
EM2201060-001	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.22	0.22	0.0	0% - 20%



Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 4145689) - continued									
EM2201060-010	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	6.95	6.94	0.3	0% - 20%
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 4145691)									
EM2201088-019	Tilley Swamp Drain D/S Nth Outlet	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2201088-010	Noonameena	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 4147118)									
EM2201015-001	Anonymous	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.4	0.4	0.0	No Limit
EM2201088-005	Mark Point	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	1.1	1.0	0.0	0% - 50%
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 4147120)									
EM2201088-016	Stoney Well	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	4.8	5.1	5.6	0% - 20%
EM2201190-001	Anonymous	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	28.4	26.3	7.5	0% - 20%
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 4147117)									
EM2201015-001	Anonymous	EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2201088-005	Mark Point	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.06	0.06	0.0	No Limit
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 4147119)									
EM2201190-001	Anonymous	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.34	0.35	0.0	0% - 20%
EM2201088-016	Stoney Well	EK067G: Total Phosphorus as P	----	0.01	mg/L	4.86	4.62	5.1	0% - 20%
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 4144655)									
EM2201088-009	Murray Mouth	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.01	0.01	0.0	No Limit
EM2200665-001	Anonymous	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.07	0.01	135	No Limit
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 4144659)									
EM2201088-020	Tilley Swamp Drain U/S Morella	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EP002: Dissolved Organic Carbon (DOC) (QC Lot: 4148112)									
EM2201088-001	1.8km west of Salt Creek	EP002: Dissolved Organic Carbon	----	1	mg/L	40	40	0.0	0% - 20%
EM2201088-012	Parnka Point	EP002: Dissolved Organic Carbon	----	1	mg/L	29	29	0.0	0% - 20%
EP002: Dissolved Organic Carbon (DOC) (QC Lot: 4148115)									
EM2201088-022	Villa de Yumpa	EP002: Dissolved Organic Carbon	----	1	mg/L	40	39	0.0	0% - 20%
EP005: Total Organic Carbon (TOC) (QC Lot: 4148113)									
EM2201088-001	1.8km west of Salt Creek	EP005: Total Organic Carbon	----	1	mg/L	59	58	2.0	0% - 20%
EM2201088-010	Noonameena	EP005: Total Organic Carbon	----	1	mg/L	20	20	0.0	0% - 20%
EP005: Total Organic Carbon (TOC) (QC Lot: 4148114)									
EM2201088-021	Tilley Swamp Drain Watercourse Outlet	EP005: Total Organic Carbon	----	1	mg/L	7	8	0.0	No Limit
EP008: Chlorophyll (QC Lot: 4149062)									
EM2201088-001	1.8km west of Salt Creek	EP008B: Chlorophyll b	----	1	mg/m³	4	4	0.0	No Limit



Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **WATER**

Sub-Matrix: WATER				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 4145690)								
EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	0.5 mg/L	116	81.1	124
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 4145692)								
EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	0.5 mg/L	95.5	81.1	124
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 4144386)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	103	91.0	110
				<10	2460 mg/L	106	81.7	118
				<10	293 mg/L	98.6	91.0	110
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 4144388)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	101	91.0	110
				<10	2460 mg/L	102	81.7	118
				<10	293 mg/L	108	91.0	110
EA045: Turbidity (QCLot: 4153301)								
EA045: Turbidity	----	0.1	NTU	<0.1	40 NTU	101	88.1	110
EA045: Turbidity (QCLot: 4153302)								
EA045: Turbidity	----	0.1	NTU	<0.1	40 NTU	101	88.1	110
ED037P: Alkalinity by PC Titrator (QCLot: 4147251)								
ED037-P: Total Alkalinity as CaCO3	----	----	mg/L	----	200 mg/L	93.2	85.0	116
ED037P: Alkalinity by PC Titrator (QCLot: 4147252)								
ED037-P: Total Alkalinity as CaCO3	----	----	mg/L	----	200 mg/L	92.9	85.0	116
ED045G: Chloride by Discrete Analyser (QCLot: 4144654)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	108	85.0	115
				<1	1000 mg/L	104	85.0	122
ED045G: Chloride by Discrete Analyser (QCLot: 4144657)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	95.9	85.0	115
				<1	1000 mg/L	104	85.0	122
EG052G: Silica by Discrete Analyser (QCLot: 4144653)								
EG052G: Reactive Silica	----	0.05	mg/L	<0.05	5 mg/L	104	78.9	118
EG052G: Silica by Discrete Analyser (QCLot: 4144658)								
EG052G: Reactive Silica	----	0.05	mg/L	<0.05	5 mg/L	104	78.9	118
EK057G: Nitrite as N by Discrete Analyser (QCLot: 4144652)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	103	90.9	112
EK057G: Nitrite as N by Discrete Analyser (QCLot: 4144656)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	101	90.9	112



Sub-Matrix: **WATER**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result			Low	High
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 4145689)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	106	90.0	117
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 4145691)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	108	90.0	117
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 4147118)								
EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	5 mg/L	86.7	70.0	117
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 4147120)								
EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	5 mg/L	92.4	70.0	117
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 4147117)								
EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	2.21 mg/L	81.8	71.9	114
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 4147119)								
EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	2.21 mg/L	90.2	71.9	114
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 4144655)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	108	92.7	119
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 4144659)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	111	92.7	119
EP002: Dissolved Organic Carbon (DOC) (QCLot: 4148112)								
EP002: Dissolved Organic Carbon	----	1	mg/L	<1	100 mg/L	103	83.0	115
EP002: Dissolved Organic Carbon (DOC) (QCLot: 4148115)								
EP002: Dissolved Organic Carbon	----	1	mg/L	<1	100 mg/L	103	83.0	115
EP005: Total Organic Carbon (TOC) (QCLot: 4148113)								
EP005: Total Organic Carbon	----	1	mg/L	<1	100 mg/L	104	81.2	110
EP005: Total Organic Carbon (TOC) (QCLot: 4148114)								
EP005: Total Organic Carbon	----	1	mg/L	<1	100 mg/L	104	81.2	110
EP008: Chlorophyll (QCLot: 4149050)								
EP008: Chlorophyll a	----	1	mg/m³	<1	20 mg/m³	119	70.0	130
EP008: Pheophytin a	----	1	mg/m³	<1	----	----	----	----
EP008: Chlorophyll (QCLot: 4149062)								
EP008B: Chlorophyll b	----	1	mg/m³	<1	----	----	----	----
EP008: Chlorophyll (QCLot: 4151908)								
EP008B: Chlorophyll b	----	1	mg/m³	<1	----	----	----	----
EP008: Chlorophyll (QCLot: 4151911)								
EP008: Chlorophyll a	----	1	mg/m³	<1	20 mg/m³	105	70.0	130
EP008: Pheophytin a	----	1	mg/m³	<1	----	----	----	----

Matrix Spike (MS) Report



The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 4145690)							
EM2201088-002	3.2km south of Salt Creek (land)	EK055G-SW: Ammonia as N	7664-41-7	1 mg/L	85.0	70.0	130
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 4145692)							
EM2201088-022	Villa de Yumpa	EK055G-SW: Ammonia as N	7664-41-7	0.5 mg/L	79.3	70.0	130
ED045G: Chloride by Discrete Analyser (QCLot: 4144654)							
EM2201064-048	Anonymous	ED045G: Chloride	16887-00-6	400 mg/L	106	70.0	142
ED045G: Chloride by Discrete Analyser (QCLot: 4144657)							
EM2201088-018	Tauwitchere U/S	ED045G: Chloride	16887-00-6	400 mg/L	110	70.0	142
EG052G: Silica by Discrete Analyser (QCLot: 4144653)							
EM2201088-001	1.8km west of Salt Creek	EG052G: Reactive Silica	----	5 mg/L	81.1	80.0	120
EG052G: Silica by Discrete Analyser (QCLot: 4144658)							
EM2201088-021	Tilley Swamp Drain Watercourse Outlet	EG052G: Reactive Silica	----	5 mg/L	# Not Determined	80.0	120
EK057G: Nitrite as N by Discrete Analyser (QCLot: 4144652)							
EM2200580-015	Anonymous	EK057G: Nitrite as N	14797-65-0	0.5 mg/L	80.1	80.0	114
EK057G: Nitrite as N by Discrete Analyser (QCLot: 4144656)							
EM2201088-016	Stoney Well	EK057G: Nitrite as N	14797-65-0	0.5 mg/L	97.1	80.0	114
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 4145689)							
EM2201060-002	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.5 mg/L	89.4	70.0	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 4145691)							
EM2201088-011	North Jacks Point	EK059G: Nitrite + Nitrate as N	----	0.5 mg/L	71.5	70.0	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 4147118)							
EM2201016-001	Anonymous	EK061G: Total Kjeldahl Nitrogen as N	----	5 mg/L	96.4	70.0	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 4147120)							
EM2201088-017	Tauwitchere D/S	EK061G: Total Kjeldahl Nitrogen as N	----	5 mg/L	85.1	70.0	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 4147117)							
EM2201016-001	Anonymous	EK067G: Total Phosphorus as P	----	1 mg/L	78.0	70.0	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 4147119)							
EM2201088-017	Tauwitchere D/S	EK067G: Total Phosphorus as P	----	1 mg/L	89.2	70.0	130
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 4144655)							
EM2201088-001	1.8km west of Salt Creek	EK071G: Reactive Phosphorus as P	14265-44-2	0.5 mg/L	87.7	79.0	123
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 4144659)							
EM2201088-021	Tilley Swamp Drain Watercourse Outlet	EK071G: Reactive Phosphorus as P	14265-44-2	0.5 mg/L	97.0	79.0	123



Sub-Matrix: WATER

Laboratory sample IDSample IDMethod: CompoundCAS Number				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
				Concentration	MS	Low	High
EP002: Dissolved Organic Carbon (DOC) (QCLot: 4148112)							
EM2201088-002	3.2km south of Salt Creek (land)	EP002: Dissolved Organic Carbon	----	100 mg/L	# 134	75.0	117
EP005: Total Organic Carbon (TOC) (QCLot: 4148113)							
EM2201088-002	3.2km south of Salt Creek (land)	EP005: Total Organic Carbon	----	100 mg/L	118	76.6	125
EP005: Total Organic Carbon (TOC) (QCLot: 4148114)							
EM2201088-022	Villa de Yumpa	EP005: Total Organic Carbon	----	100 mg/L	109	76.6	125