

QUALITY CONTROL REPORT

Work Order	: EM2113768	Page	: 1 of 8
Client	: Dept for Environment & Water	Laboratory	: Environmental Division Melbourne
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Project	: HCHB	Date Samples Received	: 16-Jul-2021
Order number	: ----	Date Analysis Commenced	: 16-Jul-2021
C-O-C number	: ----	Issue Date	: 23-Jul-2021
Sampler	: ----		
Site	: ----		
Quote number	: AD/052/20 V2		
No. of samples received	: 20		
No. of samples analysed	: 20		



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	Senior Inorganic Chemist	Melbourne Inorganics, Springvale, VIC
Nikki Stepniewski	Senior Inorganic Instrument Chemist	Melbourne Inorganics, Springvale, VIC
Samantha Smith	Laboratory Coordinator	WRG Subcontracting, Springvale, VIC



General Comments

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 moisture determination has been performed, results are reported on a dry weight basis.

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

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
 CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 RPD = Relative Percentage Difference
 # = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 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 (%)
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QC Lot: 3799236)									
EM2113768-001	Stony Well	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	<0.02	0.0	No Limit
EM2113768-010	Tilley Swamp Drain U/S Morella	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	0.06	0.06	0.0	No Limit
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QC Lot: 3802061)									
EM2113768-011	Tauwitchere U/S	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	0.10	0.10	0.0	No Limit
EM2113768-020	Mark Point	EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	0.04	0.04	0.0	No Limit
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 3798328)									
EM2113506-007	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	4300	4280	0.6	0% - 20%
EM2113611-008	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	82	82	0.0	No Limit
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 3798331)									
EM2113768-003	South Policeman Point/ Seagull Island	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	95600	104000	8.9	0% - 20%
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 3800692)									
EM2113677-013	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	346	312	10.2	0% - 20%
EM2113768-014	McGrath Flat	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	59500	54600	8.5	0% - 20%
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 3802725)									
EM2113747-003	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	580	625	7.5	0% - 20%
EM2113763-007	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	623	623	0.0	0% - 20%
EA045: Turbidity (QC Lot: 3797237)									
EM2113768-001	Stony Well	EA045: Turbidity	----	0.1	NTU	8.6	9.0	4.6	0% - 20%
EM2113768-010	Tilley Swamp Drain U/S Morella	EA045: Turbidity	----	0.1	NTU	2.1	2.4	12.8	0% - 20%
EA045: Turbidity (QC Lot: 3802274)									
EM2113768-011	Tauwitchere U/S	EA045: Turbidity	----	0.1	NTU	50.7	50.4	0.6	0% - 20%

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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 (%)
EA045: Turbidity (QC Lot: 3802274) - continued									
EM2113768-020	Mark Point	EA045: Turbidity	----	0.1	NTU	6.2	6.5	4.9	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 3802848)									
EM2113768-002	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	220	221	0.0	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	220	221	0.0	0% - 20%
EM2113768-012	Noonameena	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	26	29	11.3	0% - 20%
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	148	148	0.0	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	174	177	1.8	0% - 20%
ED045G: Chloride by Discrete Analyser (QC Lot: 3797408)									
EM2113768-009	3.2km South of Salt Creek (Land)	ED045G: Chloride	16887-00-6	1	mg/L	48700	48600	0.2	0% - 20%
EM2113768-001	Stony Well	ED045G: Chloride	16887-00-6	1	mg/L	50300	46500	7.7	0% - 20%
ED045G: Chloride by Discrete Analyser (QC Lot: 3800660)									
EM2113768-019	Villa de Yumpa	ED045G: Chloride	16887-00-6	1	mg/L	45900	50200	8.8	0% - 20%
EM2113768-011	Tauwitchere U/S	ED045G: Chloride	16887-00-6	1	mg/L	342	345	0.8	0% - 20%
EG052G: Silica by Discrete Analyser (QC Lot: 3797406)									
EM2113768-001	Stony Well	EG052G: Reactive Silica	----	0.05	mg/L	0.65	0.62	3.9	0% - 50%
EG052G: Silica by Discrete Analyser (QC Lot: 3800658)									
EM2113929-001	Anonymous	EG052G: Reactive Silica	----	0.05	mg/L	0.16	0.15	0.0	No Limit
EM2113768-011	Tauwitchere U/S	EG052G: Reactive Silica	----	0.05	mg/L	<0.05	<0.05	0.0	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 3797407)									
EM2113768-010	Tilley Swamp Drain U/S Morella	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	0.02	0.02	0.0	No Limit
EM2113768-001	Stony Well	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 3800659)									
EM2113768-020	Mark Point	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2113768-011	Tauwitchere U/S	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: 3799235)									
EM2113768-001	Stony Well	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2113768-010	Tilley Swamp Drain U/S Morella	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.47	0.46	0.0	0% - 20%
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 3802060)									
EM2113768-011	Tauwitchere U/S	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EM2113768-020	Mark Point	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: 3800671)									
EM2113768-001	Stony Well	EK061G: Total Kieldahl Nitrogen as N	----	0.1	mg/L	2.0	2.0	0.0	0% - 20%

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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 (%)
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 3800671) - continued									
EM2113768-010	Tilley Swamp Drain U/S Morella	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.6	0.6	0.0	No Limit
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 3800670)									
EM2113768-001	Stony Well	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.38	0.44	16.1	0% - 20%
EM2113768-010	Tilley Swamp Drain U/S Morella	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.01	0.04	113	No Limit
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 3797409)									
EM2113768-010	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
EM2113768-001	Stony Well	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	<0.01	0.0	No Limit
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 3800661)									
EM2113768-020	Mark Point	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.02	0.02	0.0	No Limit
EM2113768-011	Tauwitchere U/S	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: 3799138)									
EM2113662-005	Anonymous	EP002: Dissolved Organic Carbon	----	1	mg/L	9	7	21.3	No Limit
EM2113768-008	1.8km West of Salt Creek	EP002: Dissolved Organic Carbon	----	1	mg/L	31	32	0.0	0% - 20%
EP002: Dissolved Organic Carbon (DOC) (QC Lot: 3801890)									
EM2113768-011	Tauwitchere U/S	EP002: Dissolved Organic Carbon	----	1	mg/L	7	7	0.0	No Limit
EM2113768-020	Mark Point	EP002: Dissolved Organic Carbon	----	1	mg/L	5	6	21.0	No Limit
EP005: Total Organic Carbon (TOC) (QC Lot: 3799139)									
EM2113668-002	Anonymous	EP005: Total Organic Carbon	----	1	mg/L	1	<1	0.0	No Limit
EM2113768-008	1.8km West of Salt Creek	EP005: Total Organic Carbon	----	1	mg/L	36	35	4.3	0% - 20%
EP005: Total Organic Carbon (TOC) (QC Lot: 3801889)									
EM2113768-011	Tauwitchere U/S	EP005: Total Organic Carbon	----	1	mg/L	9	9	0.0	No Limit
EM2113768-020	Mark Point	EP005: Total Organic Carbon	----	1	mg/L	7	6	18.4	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: 3799236)								
EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	0.5 mg/L	115	81.1	124
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 3802061)								
EK055G-SW: Ammonia as N	7664-41-7	0.02	mg/L	<0.02	0.5 mg/L	102	81.1	124
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 3798328)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	98.0	91.0	110
				<10	293 mg/L	98.3	91.0	110
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 3798331)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	98.4	91.0	110
				<10	293 mg/L	104	91.0	110
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 3800692)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	100	91.0	110
				<10	293 mg/L	99.6	91.0	110
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 3802725)								
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	97.0	91.0	110
				<10	293 mg/L	104	91.0	110
EA045: Turbidity (QCLot: 3797237)								
EA045: Turbidity	----	0.1	NTU	<0.1	40 NTU	102	88.1	110
EA045: Turbidity (QCLot: 3802274)								
EA045: Turbidity	----	0.1	NTU	<0.1	40 NTU	101	88.1	110
ED037P: Alkalinity by PC Titrator (QCLot: 3802848)								
ED037-P: Total Alkalinity as CaCO3	----	----	mg/L	----	200 mg/L	113	85.0	116
ED045G: Chloride by Discrete Analyser (QCLot: 3797408)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	94.3	85.0	115
				<1	1000 mg/L	97.8	85.0	122
ED045G: Chloride by Discrete Analyser (QCLot: 3800660)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	88.0	85.0	115
				<1	1000 mg/L	99.0	85.0	122
EG052G: Silica by Discrete Analyser (QCLot: 3797406)								
EG052G: Reactive Silica	----	0.05	mg/L	<0.05	5 mg/L	93.6	78.9	118
EG052G: Silica by Discrete Analyser (QCLot: 3800658)								
EG052G: Reactive Silica	----	0.05	mg/L	<0.05	5 mg/L	92.7	78.9	118
EK057G: Nitrite as N by Discrete Analyser (QCLot: 3797407)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	102	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
EK057G: Nitrite as N by Discrete Analyser (QCLot: 3800659)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	96.8	90.9	112
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 3799235)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	107	90.0	117
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 3802060)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	109	90.0	117
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 3800671)								
EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	5 mg/L	91.3	70.0	117
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 3800670)								
EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	2.21 mg/L	92.1	71.9	114
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 3797409)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	113	92.7	119
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 3800661)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	118	92.7	119
EP002: Dissolved Organic Carbon (DOC) (QCLot: 3799138)								
EP002: Dissolved Organic Carbon	----	1	mg/L	<1	100 mg/L	91.1	83.0	115
EP002: Dissolved Organic Carbon (DOC) (QCLot: 3801890)								
EP002: Dissolved Organic Carbon	----	1	mg/L	<1	100 mg/L	94.6	83.0	115
EP005: Total Organic Carbon (TOC) (QCLot: 3799139)								
EP005: Total Organic Carbon	----	1	mg/L	<1	100 mg/L	96.6	81.2	110
EP005: Total Organic Carbon (TOC) (QCLot: 3801889)								
EP005: Total Organic Carbon	----	1	mg/L	<1	100 mg/L	91.1	81.2	110
EP008: Chlorophyll (QCLot: 3801746)								
EP008B: Chlorophyll b	----	1	mg/m ³	<1	----	----	----	----
EP008: Chlorophyll (QCLot: 3801748)								
EP008: Chlorophyll a	----	1	mg/m ³	<1	20 mg/m ³	118	70.0	130
EP008: Pheophytin a	----	1	mg/m ³	<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 Concentration	SpikeRecovery(%) MS	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number			Low	High
EK055G-SW: Ammonia as N by Discrete Analyser in Saline Water (QCLot: 3799236)							
EM2113768-002	North Jacks Point	EK055G-SW: Ammonia as N	7664-41-7	0.5 mg/L	86.3	70.0	130



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: 3802061)							
EM2113768-012	Noonameena	EK055G-SW: Ammonia as N	7664-41-7	0.5 mg/L	94.2	70.0	130
ED045G: Chloride by Discrete Analyser (QCLot: 3797408)							
EM2113768-002	North Jacks Point	ED045G: Chloride	16887-00-6	400 mg/L	# Not Determined	70.0	142
ED045G: Chloride by Discrete Analyser (QCLot: 3800660)							
EM2113768-012	Noonameena	ED045G: Chloride	16887-00-6	400 mg/L	# Not Determined	70.0	142
EG052G: Silica by Discrete Analyser (QCLot: 3797406)							
EM2113768-002	North Jacks Point	EG052G: Reactive Silica	----	5 mg/L	80.4	80.0	120
EG052G: Silica by Discrete Analyser (QCLot: 3800658)							
EM2113768-012	Noonameena	EG052G: Reactive Silica	----	5 mg/L	85.2	80.0	120
EK057G: Nitrite as N by Discrete Analyser (QCLot: 3797407)							
EM2113768-002	North Jacks Point	EK057G: Nitrite as N	14797-65-0	0.5 mg/L	97.1	80.0	114
EK057G: Nitrite as N by Discrete Analyser (QCLot: 3800659)							
EM2113768-012	Noonameena	EK057G: Nitrite as N	14797-65-0	0.5 mg/L	90.5	80.0	114
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 3799235)							
EM2113768-002	North Jacks Point	EK059G: Nitrite + Nitrate as N	----	1 mg/L	87.2	70.0	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 3802060)							
EM2113768-012	Noonameena	EK059G: Nitrite + Nitrate as N	----	0.5 mg/L	87.1	70.0	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 3800671)							
EM2113768-002	North Jacks Point	EK061G: Total Kjeldahl Nitrogen as N	----	5 mg/L	73.4	70.0	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 3800670)							
EM2113768-002	North Jacks Point	EK067G: Total Phosphorus as P	----	1 mg/L	70.6	70.0	130
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 3797409)							
EM2113768-002	North Jacks Point	EK071G: Reactive Phosphorus as P	14265-44-2	0.5 mg/L	101	79.0	123
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 3800661)							
EM2113768-012	Noonameena	EK071G: Reactive Phosphorus as P	14265-44-2	0.5 mg/L	103	79.0	123
EP002: Dissolved Organic Carbon (DOC) (QCLot: 3799138)							
EM2113662-008	Anonymous	EP002: Dissolved Organic Carbon	----	100 mg/L	78.1	75.0	117
EP002: Dissolved Organic Carbon (DOC) (QCLot: 3801890)							
EM2113768-012	Noonameena	EP002: Dissolved Organic Carbon	----	100 mg/L	98.0	75.0	117
EP005: Total Organic Carbon (TOC) (QCLot: 3799139)							
EM2113703-009	Anonymous	EP005: Total Organic Carbon	----	100 mg/L	83.2	76.6	125



Sub-Matrix: WATER

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP005: Total Organic Carbon (TOC) (QCLot: 3801889)							
EM2113768-012	Noonameena	EP005: Total Organic Carbon	----	100 mg/L	91.3	76.6	125