



Environmental Division

QUALITY CONTROL REPORT

Work Order	: ES0900548	Page	: 1 of 15
Client	: IGGY JOVANOVIC	Laboratory	: Environmental Division Sydney
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Project	: ----	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Site	: ----	Date Samples Received	: 15-JAN-2009
C-O-C number	: ----	Issue Date	: 29-JAN-2009
Sampler	: IGGY JOVANOVIC	No. of samples received	: 1
Order number	: ----	No. of samples analysed	: 1
Quote number	: ----		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

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



NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

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

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Celine Conceicao	Spectroscopist	Inorganics
Duyen Nguyen	Senior Microbiologist	Microbiology
Edwandy Fadjar	Senior Organic Chemist	Organics
Hoa Nguyen	Inorganic Chemist	Inorganics
Matthew Goodwin	Senior Organic Chemist	Organics
Wisam Abou-Maraseh	Spectroscopist	Inorganics



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by 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 moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = Chemistry Abstract Services number
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	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EA005: pH (QC Lot: 866655)									
ES0900548-001	ECOLOBLUE AUSTRALIA	EA005: pH Value	----	0.01	pH Unit	7.13	6.99	2.0	0% - 20%
EA015: Total Dissolved Solids (QC Lot: 868333)									
ES0900677-001	Anonymous	EA015: Total Dissolved Solids @180°C	GIS-210-010	----	-	Not Authorised	# Not Authorised	----	0% - 20%
EA015: Total Dissolved Solids (QC Lot: 869533)									
ES0900566-001	Anonymous	EA015: Total Dissolved Solids @180°C	GIS-210-010	1	mg/L	2220	2220	0.3	0% - 20%
ES0900677-001	Anonymous	EA015: Total Dissolved Solids @180°C	GIS-210-010	1	mg/L	9920	9810	1.1	0% - 20%
EA041: Colour (True) (QC Lot: 866542)									
ES0900548-001	ECOLOBLUE AUSTRALIA	EA041: Colour (True)	----	1	PCU	<1	<1	0.0	No Limit
		EA041: pH Colour	----	0.01	pH Unit	6.79	6.79	0.0	0% - 20%
EA045: Turbidity (QC Lot: 866549)									
ES0900548-001	ECOLOBLUE AUSTRALIA	EA045: Turbidity	----	0.1	NTU	1.3	1.3	0.0	0% - 50%
ED037P: Alkalinity by PC Titrator (QC Lot: 866347)									
ES0900547-002	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	1	1	0.0	No Limit
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	1	1	0.0	No Limit
ES0900570-007	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	40	39	2.5	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	40	39	2.5	0% - 20%
ED041: Sulfate (Turbidimetric) as SO4 2- (QC Lot: 869223)									
ES0900490-001	Anonymous	ED041: Sulfate as SO4 - Turbidimetric	14808-79-8	2	mg/L	1340	1330	0.5	0% - 20%
ES0900593-001	Anonymous	ED041: Sulfate as SO4 - Turbidimetric	14808-79-8	2	mg/L	93	93	0.0	0% - 20%
ED045G: Chloride Discrete analyser (QC Lot: 867799)									
ES0900548-001	ECOLOBLUE AUSTRALIA	ED045G: Chloride	16887-00-6	1	mg/L	<1	<1	0.0	No Limit
ES0900641-002	Anonymous	ED045G: Chloride	16887-00-6	1	mg/L	601	617	2.7	0% - 20%
ED093F: Dissolved Major Cations (QC Lot: 866963)									
ES0900546-001	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	1000	1010	1.4	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	35	35	0.0	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	396	392	1.0	0% - 20%
		ED093F: Potassium	7440-09-7	1	mg/L	41	41	0.0	0% - 20%
ES0900607-004	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	171	174	1.9	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	97	99	1.6	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	140	142	1.8	0% - 20%



Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
ED093F: Dissolved Major Cations (QC Lot: 866963) - continued									
ES0900607-004	Anonymous	ED093F: Potassium	7440-09-7	1	mg/L	6	6	0.0	No Limit
EG020F: Dissolved Metals by ICP-MS (QC Lot: 866229)									
EP0900147-001	Anonymous	EG020A-F: Iodine	7553-56-2	0.1	mg/L	<0.1	<0.1	0.0	No Limit
ES0900548-001	ECOLOBLUE AUSTRALIA	EG020A-F: Iodine	7553-56-2	0.1	mg/L	<0.1	<0.1	0.0	No Limit
EG020T: Total Metals by ICP-MS (QC Lot: 868092)									
ES0900529-001	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit
		EG020A-T: Antimony	7440-36-0	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Beryllium	7440-41-7	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Barium	7440-39-3	0.001	mg/L	0.198	0.198	0.0	0% - 20%
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Manganese	7439-96-5	0.001	mg/L	0.041	0.041	0.0	0% - 20%
		EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	0.004	0.003	0.0	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	0.006	0.006	0.0	No Limit
		EG020A-T: Tin	7440-31-5	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.0	No Limit
		EG020A-T: Aluminium	7429-90-5	0.01	mg/L	0.05	0.04	0.0	No Limit
		EG020A-T: Selenium	7782-49-2	0.010	mg/L	<0.010	<0.010	0.0	No Limit
EG020A-T: Boron	7440-42-8	0.05	mg/L	<0.05	<0.05	0.0	No Limit		
EG020A-T: Iron	7439-89-6	0.05	mg/L	0.28	0.27	4.3	No Limit		
ES0900632-002	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit
		EG020A-T: Antimony	7440-36-0	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Beryllium	7440-41-7	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Barium	7440-39-3	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Manganese	7439-96-5	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Tin	7440-31-5	0.001	mg/L	<0.001	<0.001	0.0	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.0	No Limit
		EG020A-T: Aluminium	7429-90-5	0.01	mg/L	0.01	0.01	0.0	No Limit
		EG020A-T: Selenium	7782-49-2	0.010	mg/L	<0.010	<0.010	0.0	No Limit
EG020A-T: Boron	7440-42-8	0.05	mg/L	<0.05	<0.05	0.0	No Limit		
EG020A-T: Iron	7439-89-6	0.05	mg/L	<0.05	<0.05	0.0	No Limit		

Page : 5 of 15
 Work Order : ES0900548
 Client : IGGY JOVANOVIC
 Project : ----



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)	
EG020T: Total Metals by ICP-MS (QC Lot: 868093)										
ES0900529-001	Anonymous	EG020B-T: Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	0.0	No Limit	
		EG020B-T: Uranium	7440-61-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit	
ES0900632-002	Anonymous	EG020B-T: Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	0.0	No Limit	
		EG020B-T: Uranium	7440-61-1	0.001	mg/L	<0.001	<0.001	0.0	No Limit	
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 866443)										
ES0900552-001	Anonymous	EG035T: Mercury	7439-97-6	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit	
ES0900555-001	Anonymous	EG035T: Mercury	7439-97-6	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit	
EG050F: Hexavalent Chromium - Filtered (QC Lot: 866076)										
ES0900548-001	ECOLOBLUE AUSTRALIA	EG050G-F: Hexavalent Chromium	18540-29-9	0.010	mg/L	<0.010	<0.010	0.0	No Limit	
EK010/011: Chlorine (QC Lot: 866548)										
ES0900548-001	ECOLOBLUE AUSTRALIA	EK010: Chlorine - Total Residual	----	0.2	mg/L	<0.2	<0.2	0.0	No Limit	
EK026G: Total Cyanide By Discrete Analyser (QC Lot: 867856)										
ES0900548-001	ECOLOBLUE AUSTRALIA	EK026G: Total Cyanide	57-12-5	0.004	mg/L	<0.004	<0.004	0.0	No Limit	
EK040P: Fluoride by PC Titrator (QC Lot: 866343)										
EB0900440-009	Anonymous	EK040P: Fluoride	16984-48-8	0.1	mg/L	0.7	0.6	0.0	No Limit	
ES0900398-006	Anonymous	EK040P: Fluoride	16984-48-8	0.1	mg/L	<1.0	<1.0	0.0	No Limit	
EK055G: Ammonia as N by Discrete Analyser (QC Lot: 866589)										
ES0900532-007	Anonymous	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	39.3	38.6	1.8	0% - 20%	
ES0900547-001	Anonymous	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.02	75.0	No Limit	
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 867060)										
ES0900621-001	Anonymous	EK057G: Nitrite as N	----	0.01	mg/L	<0.01	<0.01	0.0	No Limit	
EK059G: NOX as N by Discrete Analyser (QC Lot: 866450)										
ES0900548-001	ECOLOBLUE AUSTRALIA	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.05	0.05	0.0	No Limit	
EK085M: Sulfide as S2- (QC Lot: 866626)										
ES0900383-001	Anonymous	EK085: Sulfide as S2-	18496-25-8	0.1	mg/L	<0.1	<0.1	0.0	No Limit	
ES0900548-001	ECOLOBLUE AUSTRALIA	EK085: Sulfide as S2-	18496-25-8	0.1	mg/L	<0.1	<0.1	0.0	No Limit	
EP010: Formaldehyde (QC Lot: 868472)										
EP0900211-001	Anonymous	EP010: Formaldehyde	50-00-0	0.1	mg/L	<0.1	<0.1	0.0	No Limit	
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 867231)										
ES0900628-001	Anonymous	EP074: Benzene	71-43-2	5	µg/L	<5	<5	0.0	No Limit	
		EP074: Toluene	108-88-3	5	µg/L	<5	<5	0.0	No Limit	
		EP074: Ethylbenzene	100-41-4	5	µg/L	<5	<5	0.0	No Limit	
		EP074: meta- & para-Xylene	108-38-3	5	µg/L	<5	<5	0.0	No Limit	
			106-42-3							
		EP074: Styrene	100-42-5	5	µg/L	<5	<5	0.0	No Limit	
		EP074: ortho-Xylene	95-47-6	5	µg/L	<5	<5	0.0	No Limit	
		EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	<5	0.0	No Limit	
EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	<5	0.0	No Limit			



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 867231) - continued									
ES0900628-001	Anonymous	EP074: 1.3.5-Trimethylbenzene	108-67-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	<5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	<50	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: Carbon disulfide	75-15-0	5	µg/L	<5	<5	0.0	No Limit
EP074D: Fumigants (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	<5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Iodomethane	74-88-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	<5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	5	µg/L	<5	<5	0.0	No Limit



Sub-Matrix: **WATER**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EP074E: Halogenated Aliphatic Compounds (QC Lot: 867231) - continued									
ES0900628-001	Anonymous	EP074: 1,2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: Hexachlorobutadiene	87-68-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloromethane	74-87-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: Bromomethane	74-83-9	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloroethane	75-00-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	<50	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: Chlorobenzene	108-90-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1,3-Dichlorobenzene	541-73-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1,4-Dichlorobenzene	106-46-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1,2-Dichlorobenzene	95-50-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1,2,4-Trichlorobenzene	120-82-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1,2,3-Trichlorobenzene	87-61-6	5	µg/L	<5	<5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 867231)									
ES0900628-001	Anonymous	EP074: Chloroform	67-66-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromoform	75-25-2	5	µg/L	<5	<5	0.0	No Limit
EP090: Organotin Compounds (Soluble) (QC Lot: 868244)									
EB0900803-001	Anonymous	EP090S: Tributyltin	56573-85-4	2	ngSn/L	<2	<2	0.0	No Limit



Method Blank (MB) and Laboratory Control Spike (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**

				Method Blank (MB) Report Result	Laboratory Control Spike (LCS) Report				
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
Method: Compound	CAS Number	LOR	Unit				LCS	Low	High
EA015: Total Dissolved Solids (QCLot: 869533)									
EA015: Total Dissolved Solids @180°C	GIS-210-010	1	mg/L	<1	293 mg/L	102	77.9	122	
EA041: Colour (True) (QCLot: 866542)									
EA041: Colour (True)	----	1	PCU	<1	20 PCU	100	70	130	
EA045: Turbidity (QCLot: 866549)									
EA045: Turbidity	----	0.1	NTU	<0.1	40 NTU	98.5	76.7	104	
ED037P: Alkalinity by PC Titrator (QCLot: 866347)									
ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	----	200 mg/L	107	80.2	108	
ED041: Sulfate (Turbidimetric) as SO4 2- (QCLot: 869223)									
ED041: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	<1	20 mg/L	105	76.1	126	
ED045G: Chloride Discrete analyser (QCLot: 867799)									
ED045G: Chloride	16887-00-6	1	mg/L	<1	50 mg/L	106	83.7	124	
ED093F: Dissolved Major Cations (QCLot: 866963)									
ED093F: Calcium	7440-70-2	1	mg/L	<1	50 mg/L	108	82.9	121	
ED093F: Magnesium	7439-95-4	1	mg/L	<1	50 mg/L	106	82.7	114	
ED093F: Sodium	7440-23-5	1	mg/L	<1	50 mg/L	104	77.4	113	
ED093F: Potassium	7440-09-7	1	mg/L	<1	50 mg/L	104	84.3	118	
EG020F: Dissolved Metals by ICP-MS (QCLot: 866229)									
EG020A-F: Iodine	7553-56-2	0.1	mg/L	<0.1	----	----	----	----	
EG020T: Total Metals by ICP-MS (QCLot: 868092)									
EG020A-T: Aluminium	7429-90-5	0.01	mg/L	<0.01	0.5 mg/L	110	82.9	112	
EG020A-T: Antimony	7440-36-0	0.001	mg/L	<0.001	----	----	----	----	
EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	100	77.2	111	
EG020A-T: Beryllium	7440-41-7	0.001	mg/L	<0.001	0.1 mg/L	103	72.3	112	
EG020A-T: Barium	7440-39-3	0.001	mg/L	<0.001	0.1 mg/L	101	79.8	109	
EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	104	81.1	106	
EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	106	83.8	111	
EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	0.1 mg/L	105	79.5	111	
EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	105	80	108	
EG020A-T: Manganese	7439-96-5	0.001	mg/L	<0.001	0.1 mg/L	105	80.7	110	
EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	<0.001	0.1 mg/L	109	79.4	127	
EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	107	81.3	111	
EG020A-T: Selenium	7782-49-2	0.01	mg/L	----	0.1 mg/L	105	71.1	115	
		0.010	mg/L	<0.010	----	----	----	----	



Sub-Matrix: WATER				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%) LCS	Recovery Limits (%) Low High	
EG020T: Total Metals by ICP-MS (QCLot: 868092) - continued								
EG020A-T: Tin	7440-31-5	0.001	mg/L	<0.001	0.1 mg/L	106	77.8	130
EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	0.1 mg/L	103	76.6	108
EG020A-T: Boron	7440-42-8	0.05	mg/L	<0.05	0.1 mg/L	106	68.4	120
EG020A-T: Iron	7439-89-6	0.05	mg/L	<0.05	0.5 mg/L	104	75.3	113
EG020T: Total Metals by ICP-MS (QCLot: 868093)								
EG020B-T: Silver	7440-22-4	0.001	mg/L	<0.001	----	----	----	----
EG020B-T: Uranium	7440-61-1	0.001	mg/L	<0.001	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS (QCLot: 866443)								
EG035T: Mercury	7439-97-6	0.0001	mg/L	<0.0001	0.010 mg/L	95.4	77.2	123
EG050F: Hexavalent Chromium - Filtered (QCLot: 866076)								
EG050G-F: Hexavalent Chromium	18540-29-9	0.01 0.010	mg/L mg/L	---- <0.010	0.50 mg/L ----	100 ----	70 ----	130 ----
EK010/011: Chlorine (QCLot: 866548)								
EK010: Chlorine - Total Residual	----	0.2	mg/L	<0.2	----	----	----	----
EK026G: Total Cyanide By Discrete Analyser (QCLot: 867856)								
EK026G: Total Cyanide	57-12-5	0.004	mg/L	<0.004	0.50 mg/L	105	70	112
EK040P: Fluoride by PC Titrator (QCLot: 866343)								
EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	5.0 mg/L	103	64.8	115
EK055G: Ammonia as N by Discrete Analyser (QCLot: 866589)								
EK055G: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	1.00 mg/L	101	79.6	122
EK057G: Nitrite as N by Discrete Analyser (QCLot: 867060)								
EK057G: Nitrite as N	----	0.01	mg/L	<0.01	0.96 mg/L	89.6	65.1	129
EK059G: NOX as N by Discrete Analyser (QCLot: 866450)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.96 mg/L	97.5	76.9	122
EK085M: Sulfide as S2- (QCLot: 866626)								
EK085: Sulfide as S2-	18496-25-8	0.1 0.10	mg/L mg/L	<0.1 ----	---- 0.50 mg/L	---- 93.6	---- 70.2	---- 121
EP010: Formaldehyde (QCLot: 868472)								
EP010: Formaldehyde	50-00-0	0.1	mg/L	<0.1	5.0 mg/L	96.7	91.7	107
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 867231)								
EP074: Benzene	71-43-2	5	µg/L	<5	10 µg/L	93.0	81	119
EP074: Toluene	108-88-3	5	µg/L	<5	10 µg/L	96.1	76.5	123
EP074: Ethylbenzene	100-41-4	5	µg/L	<5	10 µg/L	89.5	80.3	119
EP074: meta- & para-Xylene	108-38-3 106-42-3	5	µg/L	<5	20 µg/L	95.8	81.1	118
EP074: Styrene	100-42-5	5	µg/L	<5	10 µg/L	99.6	79.9	120
EP074: ortho-Xylene	95-47-6	5	µg/L	<5	10 µg/L	93.9	82	118



Sub-Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report				
				Result	Spike	Spike Recovery (%)		Recovery Limits (%)	
					Concentration	LCS	Low	High	
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 867231) - continued									
EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	10 µg/L	88.4	80.3	119	
EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	10 µg/L	91.5	75.5	122	
EP074: 1,3,5-Trimethylbenzene	108-67-8	5	µg/L	<5	10 µg/L	97.9	79.2	118	
EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	10 µg/L	93.6	76.6	121	
EP074: 1,2,4-Trimethylbenzene	95-63-6	5	µg/L	<5	10 µg/L	99.4	79.7	118	
EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	10 µg/L	97.1	77.4	120	
EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	10 µg/L	99.0	76.3	122	
EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	10 µg/L	91.8	74.4	123	
EP074B: Oxygenated Compounds (QCLot: 867231)									
EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	100 µg/L	114	61.4	134	
EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	100 µg/L	105	73.6	130	
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	100 µg/L	110	74.7	129	
EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	100 µg/L	106	74.1	130	
EP074C: Sulfonated Compounds (QCLot: 867231)									
EP074: Carbon disulfide	75-15-0	5	µg/L	<5	10 µg/L	95.2	72.8	127	
EP074D: Fumigants (QCLot: 867231)									
EP074: 2,2-Dichloropropane	594-20-7	5	µg/L	<5	10 µg/L	106	72.7	124	
EP074: 1,2-Dichloropropane	78-87-5	5	µg/L	<5	10 µg/L	101	80.7	119	
EP074: cis-1,3-Dichloropropylene	10061-01-5	10	µg/L	<10	10 µg/L	101	80.4	119	
EP074: trans-1,3-Dichloropropylene	10061-02-6	10	µg/L	<10	10 µg/L	106	79.3	120	
EP074E: Halogenated Aliphatic Compounds (QCLot: 867231)									
EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	100 µg/L	92.2	60.6	138	
EP074: Chloromethane	74-87-3	50	µg/L	<50	100 µg/L	90.5	67.4	130	
EP074: Vinyl chloride	75-01-4	50	µg/L	<50	100 µg/L	92.8	69.4	129	
EP074: Bromomethane	74-83-9	50	µg/L	<50	100 µg/L	120	68.9	131	
EP074: Chloroethane	75-00-3	50	µg/L	<50	100 µg/L	106	73.9	126	
EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	100 µg/L	88.7	71.6	128	
EP074: 1,1-Dichloroethene	75-35-4	5	µg/L	<5	10 µg/L	89.4	72.5	128	
EP074: Iodomethane	74-88-4	5	µg/L	<5	10 µg/L	96.7	70.2	128	
EP074: trans-1,2-Dichloroethene	156-60-5	5	µg/L	<5	10 µg/L	95.7	77.4	122	
EP074: 1,1-Dichloroethane	75-34-3	5	µg/L	<5	10 µg/L	97.7	79.3	121	
EP074: cis-1,2-Dichloroethene	156-59-2	5	µg/L	<5	10 µg/L	98.8	79.5	121	
EP074: 1,1,1-Trichloroethane	71-55-6	5	µg/L	<5	10 µg/L	100	75.8	124	
EP074: 1,1-Dichloropropylene	563-58-6	5	µg/L	<5	10 µg/L	84.2	77.8	121	
EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	10 µg/L	102	73.8	126	
EP074: 1,2-Dichloroethane	107-06-2	5	µg/L	<5	10 µg/L	98.3	75.5	126	
EP074: Trichloroethene	79-01-6	5	µg/L	<5	10 µg/L	98.7	76.7	123	
EP074: Dibromomethane	74-95-3	5	µg/L	<5	10 µg/L	112	76.1	126	



Sub-Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report				
				Result	Spike	Spike Recovery (%)		Recovery Limits (%)	
					Concentration	LCS	Low	High	
EP074E: Halogenated Aliphatic Compounds (QCLot: 867231) - continued									
EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	10 µg/L	109	79.6	122	
EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	10 µg/L	96.0	79.9	122	
EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	10 µg/L	88.3	75	124	
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	10 µg/L	98.4	78.9	121	
EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	10 µg/L	124	61.4	136	
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	10 µg/L	96.8	70.6	128	
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	10 µg/L	108	77.8	126	
EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	10 µg/L	91.8	74.1	128	
EP074: Pentachloroethane	76-01-7	5	µg/L	<5	10 µg/L	99.8	71.8	126	
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	10 µg/L	114	66.4	136	
EP074: Hexachlorobutadiene	87-68-3	5	µg/L	<5	10 µg/L	92.6	67.2	129	
EP074F: Halogenated Aromatic Compounds (QCLot: 867231)									
EP074: Chlorobenzene	108-90-7	5	µg/L	<5	10 µg/L	92.8	80.8	119	
EP074: Bromobenzene	108-86-1	5	µg/L	<5	10 µg/L	104	79.3	119	
EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	10 µg/L	95.9	78.2	120	
EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	10 µg/L	96.8	79	119	
EP074: 1.3-Dichlorobenzene	541-73-1	5	µg/L	<5	10 µg/L	97.1	78.9	120	
EP074: 1.4-Dichlorobenzene	106-46-7	5	µg/L	<5	10 µg/L	101	79.9	119	
EP074: 1.2-Dichlorobenzene	95-50-1	5	µg/L	<5	10 µg/L	95.9	82.3	116	
EP074: 1.2.4-Trichlorobenzene	120-82-1	5	µg/L	<5	10 µg/L	101	67.8	129	
EP074: 1.2.3-Trichlorobenzene	87-61-6	5	µg/L	<5	10 µg/L	95.1	68.6	128	
EP074G: Trihalomethanes (QCLot: 867231)									
EP074: Chloroform	67-66-3	5	µg/L	<5	10 µg/L	98.2	78.2	122	
EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	10 µg/L	108	76.9	123	
EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	10 µg/L	101	78.5	124	
EP074: Bromoform	75-25-2	5	µg/L	<5	10 µg/L	101	73.5	126	
EP075(SIM)A: Phenolic Compounds (QCLot: 867477)									
EP075(SIM): Phenol	108-95-2	0.2	µg/L	----	2 µg/L	46.2	24.5	61.9	
		1.0	µg/L	<1.0					----
EP075(SIM): 2-Chlorophenol	95-57-8	0.2	µg/L	----	2 µg/L	95.8	63.8	110	
		1.0	µg/L	<1.0					----
EP075(SIM): 2-Methylphenol	95-48-7	0.2	µg/L	----	2 µg/L	85.5	55.9	112	
		1.0	µg/L	<1.0					----
EP075(SIM): 3- & 4-Methylphenol	1319-77-3	0.4	µg/L	----	4 µg/L	74.5	42.5	114	
		2.0	µg/L	<2.0					----
EP075(SIM): 2-Nitrophenol	88-75-5	0.2	µg/L	----	2 µg/L	92.3	62.7	117	
		1.0	µg/L	<1.0					----
EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.2	µg/L	----	2 µg/L	83.4	59.9	112	
		1.0	µg/L	<1.0					----



Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
				Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	
					LCS	Low	High	
EP075(SIM)A: Phenolic Compounds (QCLot: 867477) - continued								
EP075(SIM): 2,4-Dichlorophenol	120-83-2	0.2	µg/L	----	2 µg/L	91.7	59.3	122
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): 2,6-Dichlorophenol	87-65-0	0.2	µg/L	----	2 µg/L	90.5	64.3	118
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): 4-Chloro-3-Methylphenol	59-50-7	0.2	µg/L	----	2 µg/L	79.9	63	119
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): 2,4,6-Trichlorophenol	88-06-2	0.2	µg/L	----	2 µg/L	91.1	58.7	118
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): 2,4,5-Trichlorophenol	95-95-4	0.2	µg/L	----	2 µg/L	93.0	64	118
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Pentachlorophenol	87-86-5	0.4	µg/L	----	4 µg/L	40.5	6.85	95.6
		4.0	µg/L	<4.0	----	----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 867477)								
EP075(SIM): Naphthalene	91-20-3	0.2	µg/L	----	2 µg/L	88.5	58.6	119
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Acenaphthylene	208-96-8	0.2	µg/L	----	2 µg/L	90.2	63.6	114
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Acenaphthene	83-32-9	0.2	µg/L	----	2 µg/L	84.7	62.2	113
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Fluorene	86-73-7	0.2	µg/L	----	2 µg/L	90.6	63.9	115
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Phenanthrene	85-01-8	0.2	µg/L	----	2 µg/L	88.0	62.6	116
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Anthracene	120-12-7	0.2	µg/L	----	2 µg/L	91.5	64.3	116
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Fluoranthene	206-44-0	0.2	µg/L	----	2 µg/L	88.5	63.6	118
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Pyrene	129-00-0	0.2	µg/L	----	2 µg/L	89.0	63.1	118
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Benz(a)anthracene	56-55-3	0.2	µg/L	----	2 µg/L	96.7	64.1	117
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Chrysene	218-01-9	0.2	µg/L	----	2 µg/L	91.4	62.5	116
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Benzo(b)fluoranthene	205-99-2	0.2	µg/L	----	2 µg/L	108	61.7	119
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.2	µg/L	----	2 µg/L	83.5	61.7	117
		1.0	µg/L	<1.0	----	----	----	----
EP075(SIM): Benzo(a)pyrene	50-32-8	0.2	µg/L	----	2 µg/L	108	63.3	117
		0.5	µg/L	<0.5	----	----	----	----

Page : 13 of 15
 Work Order : ES0900548
 Client : IGGY JOVANOVIC
 Project : ----



Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report Result	Laboratory Control Spike (LCS) Report				
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
						LCS	Low	High	
EP075(SIM): Polynuclear Aromatic Hydrocarbons (QCLot: 867477) - continued									
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.2	µg/L	----	2 µg/L	110	59.9	118	
		1.0	µg/L	<1.0	----	----	----	----	
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.2	µg/L	----	2 µg/L	109	61.2	117	
		1.0	µg/L	<1.0	----	----	----	----	
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.2	µg/L	----	2 µg/L	109	59.1	118	
		1.0	µg/L	<1.0	----	----	----	----	
EP090: Organotin Compounds (Soluble) (QCLot: 868244)									
EP090S: Tributyltin	56573-85-4	2	ngSn/L	<2	1470 ngSn/L	87.2	29	100	



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			
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	
					MS	Low	High
ED045G: Chloride Discrete analyser (QCLot: 867799)							
ES0900548-001	ECOLOBLUE AUSTRALIA	ED045G: Chloride	16887-00-6	250 mg/L	108	70	130
EG020T: Total Metals by ICP-MS (QCLot: 868092)							
ES0900529-002	Anonymous	EG020A-T: Arsenic	7440-38-2	1 mg/L	103	70	130
		EG020A-T: Beryllium	7440-41-7	1 mg/L	97.8	70	130
		EG020A-T: Barium	7440-39-3	1 mg/L	109	70	130
		EG020A-T: Cadmium	7440-43-9	0.25 mg/L	105	70	130
		EG020A-T: Chromium	7440-47-3	1 mg/L	100	70	130
		EG020A-T: Copper	7440-50-8	1 mg/L	102	70	130
		EG020A-T: Lead	7439-92-1	1 mg/L	96.4	70	130
		EG020A-T: Manganese	7439-96-5	1 mg/L	93.2	70	130
		EG020A-T: Nickel	7440-02-0	1 mg/L	106	70	130
EG020A-T: Zinc	7440-66-6	1 mg/L	97.6	70	130		
EG035T: Total Recoverable Mercury by FIMS (QCLot: 866443)							
ES0900552-001	Anonymous	EG035T: Mercury	7439-97-6	0.010 mg/L	93.3	70	130
EG050F: Hexavalent Chromium - Filtered (QCLot: 866076)							
ES0900548-001	ECOLOBLUE AUSTRALIA	EG050G-F: Hexavalent Chromium	18540-29-9	0.50 mg/L	93.6	70	130
EK026G: Total Cyanide By Discrete Analyser (QCLot: 867856)							
ES0900548-001	ECOLOBLUE AUSTRALIA	EK026G: Total Cyanide	57-12-5	0.50 mg/L	108	70	130
EK040P: Fluoride by PC Titrator (QCLot: 866343)							
EB0900440-009	Anonymous	EK040P: Fluoride	16984-48-8	5.0 mg/L	86.1	70	130
EK055G: Ammonia as N by Discrete Analyser (QCLot: 866589)							
ES0900532-007	Anonymous	EK055G: Ammonia as N	7664-41-7	1.00 mg/L	# Not Determined	70	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 867060)							
ES0900621-001	Anonymous	EK057G: Nitrite as N	----	0.60 mg/L	73.0	70	130
EK059G: NOX as N by Discrete Analyser (QCLot: 866450)							
ES0900548-001	ECOLOBLUE AUSTRALIA	EK059G: Nitrite + Nitrate as N	----	0.60 mg/L	104	70	130
EP010: Formaldehyde (QCLot: 868472)							
EP0900211-001	Anonymous	EP010: Formaldehyde	50-00-0	2.5 mg/L	95.7	70	130
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 867231)							
ES0900628-001	Anonymous	EP074: Benzene	71-43-2	25 µg/L	94.4	70	130
		EP074: Toluene	108-88-3	25 µg/L	90.9	70	130
EP074E: Halogenated Aliphatic Compounds (QCLot: 867231)							

Page : 15 of 15
 Work Order : ES0900548
 Client : IGGY JOVANOVIC
 Project : ----



Sub-Matrix: **WATER**

				<i>Matrix Spike (MS) Report</i>			
<i>Laboratory sample ID</i>	<i>Client sample ID</i>	<i>Method: Compound</i>	<i>CAS Number</i>	<i>Spike</i>	<i>Spike Recovery (%)</i>	<i>Recovery Limits (%)</i>	
				<i>Concentration</i>	<i>MS</i>	<i>Low</i>	<i>High</i>
EP074E: Halogenated Aliphatic Compounds (QCLot: 867231) - continued							
ES0900628-001	Anonymous	EP074: 1,1-Dichloroethene	75-35-4	25 µg/L	75.1	70	130
		EP074: Trichloroethene	79-01-6	25 µg/L	90.4	70	130
EP074F: Halogenated Aromatic Compounds (QCLot: 867231)							
ES0900628-001	Anonymous	EP074: Chlorobenzene	108-90-7	25 µg/L	85.2	70	130
EP090: Organotin Compounds (Soluble) (QCLot: 868244)							
EP0900198-001	Anonymous	EP090S: Tributyltin	56573-85-4	1470 ngSn/L	82.3	20	130