



Environmental Forensics Report of Analysis

Project 20230134

Report #:

1638

Date Issued:

18-May-2023

Page 1 of 14

Client Project Reference: Menindee Fish Kill 10 (IMT 26 April

Customer: Department of Planning & Environment

Attention:

[Redacted]

EF Project Contact:

[Redacted]

[Redacted]

[Redacted]

Report Date: 18 May 2023

Project Received: 30 April 2023

The following samples were analysed:

Sample ID	Client ID	Sample Type	Client Sampled Date/Time	Aliquot
232643	B1	Liquid	26/04/2023 11:45AM	
232651	B1	Liquid	26/04/2023 11:45AM	Field Aliquot
232652	B1	Liquid	26/04/2023 11:45AM	Field Aliquot
232653	B1	Liquid	26/04/2023 11:45AM	Field Aliquot
232654	B1	Liquid	26/04/2023 11:45AM	Laboratory Aliquot
232644	B2	Liquid	26/04/2023 12:40PM	
232655	B2	Liquid	26/04/2023 12:40PM	Field Aliquot
232656	B2	Liquid	26/04/2023 12:40PM	Field Aliquot
232657	B2	Liquid	26/04/2023 12:40PM	Field Aliquot
232658	B2	Liquid	26/04/2023 12:40PM	Laboratory Aliquot
232645	E1	Liquid	26/04/2023 1:15PM	
232659	E1	Liquid	26/04/2023 1:15PM	Field Aliquot
232660	E1	Liquid	26/04/2023 1:15PM	Field Aliquot
232661	E1	Liquid	26/04/2023 1:15PM	Field Aliquot
232662	E1	Liquid	26/04/2023 1:15PM	Laboratory Aliquot
232646	E2	Liquid	26/04/2023 2:05PM	
232663	E2	Liquid	26/04/2023 2:05PM	Field Aliquot
232664	E2	Liquid	26/04/2023 2:05PM	Field Aliquot
232665	E2	Liquid	26/04/2023 2:05PM	Field Aliquot
232666	E2	Liquid	26/04/2023 2:05PM	Laboratory Aliquot
232647	E3	Liquid	26/04/2023 2:45PM	
232667	E3	Liquid	26/04/2023 2:45PM	Field Aliquot
232668	E3	Liquid	26/04/2023 2:45PM	Field Aliquot
232669	E3	Liquid	26/04/2023 2:45PM	Field Aliquot
232670	E3	Liquid	26/04/2023 2:45PM	Laboratory Aliquot
232648	E4	Liquid	26/04/2023 3:35PM	
232671	E4	Liquid	26/04/2023 3:35PM	Field Aliquot
232672	E4	Liquid	26/04/2023 3:35PM	Field Aliquot
232673	E4	Liquid	26/04/2023 3:35PM	Field Aliquot

Tests not covered by NATA accreditation 3040 are denoted with \*

Codes: SN = Sample Note  
RN = Result Note

RC = Project Comment



232674	E4	Liquid	26/04/2023	3:35PM	Laboratory Aliquot
232649	E5	Liquid	26/04/2023	4:05PM	
232675	E5	Liquid	26/04/2023	4:05PM	Field Aliquot
232676	E5	Liquid	26/04/2023	4:05PM	Field Aliquot
232677	E5	Liquid	26/04/2023	4:05PM	Field Aliquot
232678	E5	Liquid	26/04/2023	4:05PM	Laboratory Aliquot
232650	B3	Liquid	26/04/2023	3:45PM	
232679	B3	Liquid	26/04/2023	3:45PM	Field Aliquot
232680	B3	Liquid	26/04/2023	3:45PM	Field Aliquot
232681	B3	Liquid	26/04/2023	3:45PM	Field Aliquot
232682	B3	Liquid	26/04/2023	3:45PM	Laboratory Aliquot
233042	E5 MFK-Z-8_20230426	Liquid	26/04/2023		

**Report Notes**

- This document has been authorised by the person whose name appears in this report.
- This report shall not be reproduced except in full. Samples analysed as received from the client.
- Results reported as 'less than' (<) indicates a result below the practical quantitation limit for the sample matrix and method used.
- Solid samples are reported on a dry weight basis and biota samples are reported on an as received basis unless specified otherwise.

### Project Comments

·Samples 232651, 232655, 232659, 232663, 232667, 232671, 232675, 232679 were sent to ALS Environmental Laboratory (NATA Accreditation no: 825) for the analysis of EK055G: Ammonia as N by Discrete Analyser, EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser, EK061G: Total Kjeldahl Nitrogen By Discrete Analyser, EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser, EK067G: Total Phosphorus as P by Discrete Analyser, EK071G: Reactive Phosphorus as P by discrete analyser, EP202A: Phenoxyacetic Acid Herbicides by LCMS, EP202S: Phenoxyacetic Acid Herbicide Surrogate, EP204: Glyphosate and AMPA. This report summarises data from the attached external report: ES2314136, dated 03-May-2023.

·Samples 232653, 232657, 232661, 232665, 232669, 232673, 232677 and 232681 were sent to Sydney Water Services (NATA Accreditation no: 56) for Blue-Green Algal ID and Enumeration analyses. Please see detailed results in the attached Phytoplankton Analysis Report no. 284604 dated 16 May 2023.

Samples 232654, 232658, 232662, 232666, 232670, 232674, 232678 and 232682 were also sent to Sydney Water Laboratory Services for the analysis of Algal Toxins. Please see the attached Analytical Report no. 284604 dated 16 May 2023, which gives Algal Toxins analysis results and the Blue-Green Algal ID and Enumeration summary results.

·The sample was analysed outside the method holding time for TSS analysis.



**Analysis Results - External Methods\***

**Area - EXTERNAL**

Analyte	Sample ID	Start Date	Client ID	RC	RC	RC	RC	RC	RC	RC	RC	RC	RC	RC
Algal Enumeration	232653	15/05/2023	B1	RC										
Algal Identification	232654	2/05/2023	B1											
Algal Toxins	232655	15/05/2023	B1	RC										
	232656	2/05/2023	B2											
	232657	15/05/2023	B2	RC										
	232658	2/05/2023	B2											
	232661	15/05/2023	E1	RC										
	232662	2/05/2023	E1											
	232665	15/05/2023	E2	RC										
	232666	2/05/2023	E2											
	232669	15/05/2023	E3	RC										
	232670	2/05/2023	E3											
	232673	15/05/2023	E4	RC										
	232674	2/05/2023	E4											

**Analysis Results - External Methods\***

**Area - EXTERNAL**

Analyte	Sample ID	Start Date	Client ID	RC	RC	RC	RC
Algal Enumeration	232677	15/05/2023	E5	RC			
Algal Identification	232678	2/05/2023	E5				
Algal Toxins	232677	15/05/2023	E5	RC			
	232681	15/05/2023	B3	RC			
	232682	2/05/2023	B3				

Tests not covered by NATA accreditation 3040 are denoted with \*  
**Codes:** SN = Sample Note  
**RN** = Result Note  
**RC** = Project Comment

**Analysis Results - External Methods\***

**Area - EXTERNAL**

Analyte	Sample ID	Start Date	Client ID	232651	232655	232659	232663	232667	232671	232675	232679
				1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023
				B1	B2	E1	E2	E3	E4	E5	B3
2,4,5-T				<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-T				<10	<10	<10	<10	<10	<10	<10	<10
2,4-D				<10	<10	<10	<10	<10	<10	<10	<10
2,4-DB				<10	<10	<10	<10	<10	<10	<10	<10
2,4-DP				<10	<10	<10	<10	<10	<10	<10	<10
2,6-D				<10	<10	<10	<10	<10	<10	<10	<10
4-Chlorophenoxy acetic acid				<10	<10	<10	<10	<10	<10	<10	<10
Ammonia as N				0.05	0.03	0.04	0.05	0.01	0.03	0.04	0.02
AMPA				<10	<10	<10	<10	<10	<10	<10	<10
Clopyralid				<10	<10	<10	<10	<10	<10	<10	<10
Dicamba				<10	<10	<10	<10	<10	<10	<10	<10
Fluroxypyr				<10	<10	<10	<10	<10	<10	<10	<10
Glyphosate				<10	<10	<10	<10	<10	<10	<10	<10
MCPA				<10	<10	<10	<10	<10	<10	<10	<10
MCPB				<10	<10	<10	<10	<10	<10	<10	<10
Mecoprop				<10	<10	<10	<10	<10	<10	<10	<10
Nitrite-Nitrate as N				0.01	0.01	0.01	<0.01	0.01	0.02	0.04	0.03
Picloram				<10	<10	<10	<10	<10	<10	<10	<10
Reactive Phosphorus as P				<0.01	0.01	0.01	0.01	0.02	0.02	0.12	0.22
Silvex (2,4,5-TP/Fenoprop)				<10	<10	<10	<10	<10	<10	<10	<10
Total Kjeldahl Nitrogen as N				1.5	1.5	1.8	1.8	1.6	1.8	1.6	1
Total Nitrogen as N				1.5	1.5	1.8	1.8	1.6	1.8	1.6	1
Total Phosphorus as P				0.11	0.17	0.2	0.23	0.18	0.2	0.27	0.35
Triclopyr				<10	<10	<10	<10	<10	<10	<10	<10

Tests not covered by NATA accreditation 3040 are denoted with \*

Codes: SN = Sample Note RN = Result Note

RC = Project Comment



**Analysis Results - ICPMS**  
**Area - INORGANIC**

Analyte	Sample ID	Start Date	Client ID	232652	232656	232660	232664	232668	232672	232676	232680
				1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023
				B1	B2	E1	E2	E3	E4	E5	B3
Antimony (Lab. filtered)				mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arsenic (Lab. filtered)				mg/L	0.002	0.002	0.002	0.002	0.002	0.004	0.006
Beryllium (Lab. filtered)				mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium (Lab. filtered)				mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (Lab. filtered)				mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt (Lab. filtered)				mg/L	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001
Copper (Lab. filtered)				mg/L	0.0011	0.0012	0.0013	0.0013	0.0011	0.0018	0.0028
Lead (Lab. filtered)				mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Lithium (Lab. filtered)				mg/L	0.0019	0.0018	0.0018	0.0018	0.0018	0.0016	0.0015
Manganese (Lab. filtered)				mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (Lab. filtered)				mg/L	0.0015	0.0015	0.0016	0.0016	0.0015	0.0012	0.0010
Nickel (Lab. filtered)				mg/L	0.0025	0.0029	0.0031	0.0030	0.0030	0.0027	0.0022
Selenium (Lab. filtered)				mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver (Lab. filtered)				mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium (Lab. filtered)				mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Tin (Lab. filtered)				mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Vanadium (Lab. filtered)				mg/L	0.0050	0.0045	0.0043	0.0054	0.0049	0.011	0.019
Zinc (Lab. filtered)				mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Tests not covered by NATA accreditation 3040 are denoted with \*  
**Codes:** SN = Sample Note  
**RN** = Result Note  
**RC** = Project Comment



**Analysis Results - ICPAES**  
**Area - INORGANIC**

Analyte	Sample ID	Start Date	Client ID	232652	232656	232660	232664	232668	232672	232676	232680
		1/05/2023	B1	B2	E1	E2	E3	E4	E5	B3	1/05/2023
		mg/L									
Aluminium (acid extractable)		0.52	1.6	1.3	1.3	1.3	1.1	1.3	2.8		4.4
Barium (acid extractable)		0.14	0.15	0.15	0.14	0.14	0.14	0.14	0.13		0.12
Boron (acid extractable)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
Calcium (acid extractable)		36	38	40	39	39	37	38	34		30
Iron (acid extractable)		0.6	1.6	1.3	1.3	1.3	1.1	1.4	2.7		4.3
Magnesium (acid extractable)		21	19	20	19	19	18	19	16		13
Manganese (acid extractable)		0.12	0.15	0.13	0.13	0.13	0.11	0.13	0.10		0.06
Potassium (acid extractable)		12	12	12	13	13	13	13	12		12
Sodium (acid extractable)		55	51	53	51	51	48	50	42		35
Strontium (acid extractable)		0.45	0.43	0.45	0.44	0.44	0.42	0.43	0.38		0.31
Sulfur (acid extractable)		4.4	4.0	4.2	3.9	3.9	3.7	3.9	3.7		3.4
Titanium (acid extractable)		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02		0.02

Tests not covered by NATA accreditation 3040 are denoted with \*  
**Codes:** SN = Sample Note  
 RN = Result Note  
 RC = Project Comment

**Analysis Results - ICPMS**  
**Area - INORGANIC**

Analyte	Sample ID	Start Date	Client ID	232652	232656	232660	232664	232668	232672	232676	232680
				1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023	1/05/2023
				B1	B2	E1	E2	E3	E4	E5	B3
Antimony (acid extractable)				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arsenic (acid extractable)				0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.006
Beryllium (acid extractable)				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	0.0002
Cadmium (acid extractable)				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (acid extractable)				<0.001	0.002	0.002	0.002	0.001	0.002	0.003	0.005
Cobalt (acid extractable)				0.0012	0.0015	0.0014	0.0014	0.0012	0.0014	0.0016	0.0017
Copper (acid extractable)				0.0021	0.0026	0.0025	0.0026	0.0025	0.0025	0.0039	0.0091
Lead (acid extractable)				0.0005	0.0009	0.0008	0.0012	0.0007	0.0010	0.0011	0.0015
Lithium (acid extractable)				0.0020	0.0022	0.0022	0.0025	0.0021	0.0022	0.0025	0.0029
Molybdenum (acid extractable)				0.0015	0.0015	0.0015	0.0018	0.0016	0.0015	0.0012	0.0010
Nickel (acid extractable)				0.0036	0.0046	0.0044	0.0043	0.0042	0.0044	0.0053	0.0061
Selenium (acid extractable)				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver (acid extractable)				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium (acid extractable)				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Tin (acid extractable)				<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Vanadium (acid extractable)				0.0082	0.0099	0.010	0.010	0.0097	0.010	0.018	0.027
Zinc (acid extractable)				0.003	0.005	0.004	0.004	0.008	0.005	0.007	0.009

**Analysis Results - IGR TSS**  
**Area - INORGANIC**

Analyte	Sample ID	Start Date	Client ID
Fixed Suspended Solids	233042	11/05/2023	E5 MFK-Z-8
Total Suspended Solids			_20230426
Volatlie Suspended Solids			

Tests not covered by NATA accreditation 3040 are denoted with \*  
 Codes: SN = Sample Note  
 RN = Result Note  
 RC = Project Comment



**Analysis Results - QQPEST**  
**Area - ORGANIC**

Analyte	Sample ID	Start Date	Client ID	232643	232644	232645	232646	232647	232648	232649	232650
				2/05/2023	2/05/2023	2/05/2023	2/05/2023	2/05/2023	2/05/2023	2/05/2023	2/05/2023
				B1	B2	E1	E2	E3	E4	E5	B3
Fenvalerate				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Gamma-Chlordane				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
gamma-HCH				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Heptachlor Epoxide				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Hexachlorobenzene				<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Hexachlone				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
L-cyhalothrin				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Malathion				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methidathion				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Azinphos				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Methyl Chlorpyrifos				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Methyl Parathion				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Mevinphos				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Oxyfluorfen				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Parathion				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phorate				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Profenofos				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Prometon				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Promethyn				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Propagite				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Propazine				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Propelamphos				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Simazine				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Simethyn				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sulprofos				<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Tebuconazole				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tebuthiuron				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Terbutylazine				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Terbutyn				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachlorvinphos				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trans-permethrin				<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7

Tests not covered by NATA accreditation 3040 are denoted with \*  
 Codes: SN = Sample Note  
 RN = Result Note  
 RC = Project Comment

**Area - ORGANIC**

Sample ID	Client ID	Method	Start Date	Result
232643	B1	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232644	B2	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232645	E1	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232646	E2	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232647	E3	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232648	E4	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232649	E5	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).
232650	B3	OLSCAN* - LC/MS Scan	05/05/2023	LC/MS scan for approximately 600 pesticides was negative. A list of analysed compounds can be provided on request. Note the list doesn't include glyphosate and quaternary ammonium herbicides (e.g. Paraquat and Diquat).

**The sample(s) referred to in this report were analysed by the following method(s):**

Method code	Method description	Area
External Methods*	External Methods - Analysis completed externally	EXTERNAL
External Methods*	External Methods - Analysis completed externally	EXTERNAL
ICVAASW	Mercury by Cold Vapour Atomic Absorption Spectroscopy	INORGANIC
ICPAES	Dissolved element analysis by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICPAES)	INORGANIC
ICPMS	Dissolved Metals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	INORGANIC
ICPAES	Acid extractable element analysis by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICPAES)	INORGANIC
ICPMS	Acid extractable Metals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	INORGANIC
IGRTSS	Total Suspended Solids (TSS) (includes Volatile and Fixed Suspended Solids)	INORGANIC
QQQPEST	Determination of Multiresidue Pesticides by GCMSMS	ORGANIC
OLSCAN*	Qualitative LC/MS scan	ORGANIC

Tests not covered by NATA accreditation 3040 are denoted with \*

Codes: SN = Sample Note

RN = Result Note

RC = Project Comment



The results in this report were authorised by:

Name	Title	Area
	Senior Scientist	EXTERNAL
	Scientist	INORGANIC
	Scientist	ORGANIC

Tests not covered by NATA accreditation 3040 are denoted with \*  
Codes: SN = Sample Note  
RN = Result Note

RC = Project Comment